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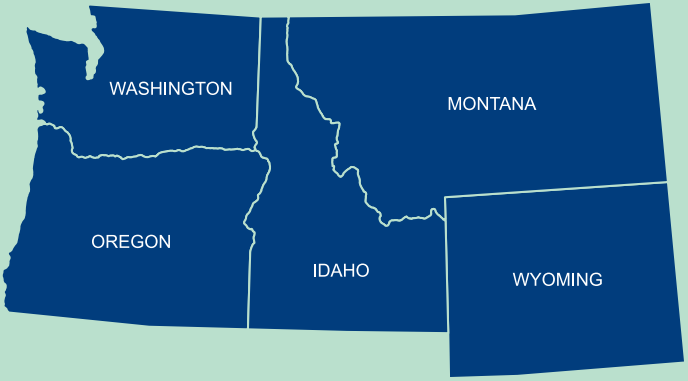

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GENERAL INFORMATION

This Chart Supplement is a Civil Flight Information Publication updated every eight weeks by the U.S. Department of Transportation, Federal Aviation Administration, Aeronautical Information Services, http://www.faa.gov/go/ais.
It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

The Airport/Facility Directory section contains all public–use airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this publication contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial–Intelligence Agency and is intended to provide reference data for military and/or joint use airports. Not all military data contained in this publication is applicable to civil users.

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*Airspace Information includes changes to preferred routes and graphic depictions on charts.

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THIS PUBLICATION COMPRISES PART OF THE FOLLOWING SECTIONS OF THE UNITED STATES AERONAUTICAL INFORMATION PUBLICATION (AIP): GEN, ENR AND AD.

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CITY/MILITARY AIRPORT CROSS REFERENCE

Military airports are listed alphabetically by state and official airport name. The following city/military airport cross reference listing provides alphabetical listing by state and city name for all military airports published in this directory.

STATE	CITY NAME	AIRPORT NAME
ID	MOUNTAIN HOME	MOUNTAIN HOME AFB
MT	GREAT FALLS	MALMSTROM AFB
WA	SPOKANE	FAIRCHILD AFB
WA	FORT LEWIS	GRAY AAF (JOINT BASE LEWIS-MCCHORD)
WA	TACOMA	MCCHORD FIELD (JOINT BASE LEWIS–MCCHORD)
WA	PORT ANGELES	PORT ANGELES CGAS
WA	OAK HARBOR	WHIDBEY ISLAND NAS (AULT FLD)
WY	GUERNSEY	CAMP GUERNSEY

SEAPLANE LANDING AREAS

The following locations have Seaplane Landing Areas (Waterways). See alphabetical listing for complete data on these facilities.

STATE	CITY NAME	FACILITY NAME
ID	CAVANAUGH BAY	TANGLEFOOT
ID	COEUR D'ALENE	BROOKS
ID	LEWISTON	SNAKE RIVER
MT	POLSON	POLSON
MT	SEELEY LAKE	LINDEY'S LANDING WEST
MT	WEST YELLOWSTONE	YELLOWSTONE
OR	FLORENCE	LAKE WOAHINK
WA	ANACORTES	SKYLINE
WA	BELLINGHAM	FLOATHAVEN
WA	FRIDAY HABOR	FRIDAY HARBOR
WA	KENMORE	KENMORE AIR HARBOR INC
WA	LAKEWOOD	AMERICAN LAKE
WA	LOPEZ	FISHERMANS BAY
WA	PORT ANGELES	PORT ANGELES
WA	POULSBO	PORT OF POULSBO MARINA MOORAGE
WA	RENTON	WILL ROGERS WILEY POST MEM
WA	ROCHE HARBOR	ROCHE HARBOR
WA	ROSARIO	ROSARIO
WA	SEATTLE	KENMORE AIR HARBOR
WA	SEATTLE	SEATTLE SEAPLANES
WA	SPOKANE	FELTS FLD

ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example–"req" may mean "request", "requesting", "requested", or "requests").

For additional FAA approved abbreviations/acronyms please see FAA Order JO 7340.2 —Contractions

Abbreviation	Description
A/G	air/ground
AAF	Army Air Field
AAS	Airport Advisory Service
AB	Airbase
abm	abeam
ABn	Aerodrome Beacon
abv	above
ACC	Air Combat Command Area Control Center
acft	aircraft
ACLS	Automatic Carrier Landing System
act	activity
ACWS	Aircraft Control and Warning Squadron
ADA	Advisory Area
ADCC	Air Defense Control Center
ADCUS	Advise Customs
addn	addition
ADF	Automatic Direction Finder
adj	adjacent
admin	administration
ADR	Advisory Route
advs	advise
advsy	advisory
AEIS	Aeronautical Enroute Information Service
AER	approach end rwy
AFA	Army Flight Activity
AFB	Air Force Base
afct	affect
AFFF	Aqueous Film Forming Foam
AFHP	Air Force Heliport
AFIS	Automatic Flight Information Service
afld	airfield
AFOD	Army Flight Operations Detachment
AFR	Air Force Regulation
AFRC	Armed Forces Reserve Center/Air Force Reserve Command
AFRS	American Forces Radio Stations
AFS	Air Force Station
AFTN	Aeronautical Fixed Telecommunication Network
AG	Agriculture
A–G, A–GEAR	Arresting Gear
agcy	Agency
AGL	above ground level
AHP	Army heliport
AID	Airport Information Desk
AIS	Aeronautical Information Services
AL	Approach and Landing Chart
ALF	Auxiliary Landing Field
ALS	Approach Light System
ALSF–1	High Intensity ALS Category I configuration with sequenced Flashers (code)
ALSF–2	High Intensity ALS Category II configuration with sequenced Flashers (code)
alt	altitude
altn	alternate
AM	Amplitude Modulation, midnight til noon
AMC	Air Mobility Command
amdt	amendment
AMSL	Above Mean Sea Level
ANGS	Air National Guard Station
ant	antenna
AOE	Airport/Aerodrome of Entry
AP	Area Planning
APAPI	Abbreviated Precision Approach Path Indicator
apch	approach
apn	apron
APP	Approach Control
Apr	April
aprx	approximate
APU	Auxiliary Power Unit
apv, apvl	approve, approval
ARB	Air Reserve Base
ARCAL (CANADA)	Aircraft Radio Control of Aerodrome Lighting
ARFF	Aircraft Rescue and Fire Fighting
ARINC	Aeronautical Radio Inc
arng	arrange
arpt	airport
arr	arrive
ARS	Air Reserve Station
ARSA	Airport Radar Service Area
ARSR	Air Route Surveillance Radar
ARTCC	Air Route Traffic Control Center
AS	Air Station
ASAP	as soon as possible
ASDA	Accelerate–Stop Distance Available
ASDE	Airport Surface Detection
ASDE–X	Airport Surface Detection Equipment–Model X
asgn	assign
ASL	Above Sea Level
ASOS	Automated Surface Observing System
ASR	Airport Surveillance Radar
ASSC	Airport Surface Surveillance Capability
ASU	Aircraft Starting Unit
ATA	Actual Time of Arrival
ATC	Air Traffic Control
ATCC	Air Traffic Control Center
ATCT	Airport Traffic Control Tower
ATD	Actual Time of Departure Along Track Distance
ATIS	Automatic Terminal Information Service
ATS	Air Traffic Service
attn	attention
Aug	August
auth	authority
auto	automatic
AUW	All Up Weight (gross weight)
aux	auxiliary
AVASI	abbreviated VASI
avbl	available
AvGas	Aviation gasoline
avn	aviation

Abbreviation	Description
AvOil	aviation oil
AWOS	Automatic Weather Observing System
AWSS	Automated Weather Sensor System
awt	await
awy	airway
az	azimuth
BA	braking action
BASH	Bird Aircraft Strike Hazard
BC	back course
bcn	beacon
bcst	broadcast
bdry	boundary
bldg	building
blkd	blocked
blo, blw	below
BOQ	Bachelor Officers Quarters
brg	bearing
btn	between
bus	business
byd	beyond
C	Commercial Circuit (Telephone)
CAC	Centralized Approach Control
cap	capacity
cat	category
CAT	Clear Air Turbulence
CCW or cntclkws	counterclockwise
ceil	ceiling
CERAP	Center Radar Approach Control
CG	Coast Guard
CGAF	Coast Guard Air Facility
CGAS	Coast Guard Air Station
CH, chan	channel
CHAPI	Chase Helicopter Approach Path Indicator
chg	change
cht	chart
cir	circle, circling
CIV, civ	Civil, civil, civilian
ck	check
CL	Centerline Lighting System
cl	class
clnc	clearance
clsd	closed
CNATRA	Chief of Naval Air Training
cnl	cancel
cntr	center
cntrln	centerline
Co	Company, County
CO	Commanding Officer
com	communication
comd	command
Comdr	Commander
coml	commercial
compul	compulsory
comsn	commission
conc	concrete
cond	condition
const	construction
cont	continue
CONUS	Continental United States
convl	conventional
coord	coordinate
copter	helicopter
corr	correct
CPDLC	Controller Pilot Data Link Communication
crdr	corridor
cros	cross
CRP	Compulsory Reporting Point
crs	course
CS	call sign
CSTMS	Customs
CTA	Control Area
CTAF	Common Traffic Advisory Frequency
ctc	contact
ctl	control
CTLZ	Control Zone
CVFR	Controlled Visual Flight Rules Areas
CW	Clockwise, Continuous Wave, Carrier Wave
dalgt	daylight
D–ATIS	Digital Automatic Terminal Information Service
daylt	daylight
db	decibel
DCL	Departure Clearance
Dec	December
decom	decommission
deg	degree
del	delivery
dep	depart
DEP	Departure Control
destn	destination
det	detachment
DF	Direction Finder
DH	Decision Height
DIAP	DoD Instrument Approach Procedure
direc	directional
disem	disseminate
displ	displace
dist	district, distance
div	division
DL	Direct Line to FSS
dlt	delete
dly	daily
DME	Distance Measuring Equipment (UHF standard, TACAN compatible)
DNVT	Digital Non–Secure Voice Telephone
DoD	Department of Defense
drct	direct
DSN	Defense Switching Network (Telephone)
DSN	Defense Switching Network
dsplcd	displaced
DT	Daylight Savings Time
dur	during
durn	duration
DV	Distinguished Visitor
E	East
ea	each
EAT	Expected Approach Time
ECN	Enroute Change Notice
eff	effective, effect
E–HA	Enroute High Altitude
E–LA	Enroute Low Altitude
elev	elevation
ELT	Emergency Locator Transmitter

Abbreviation	Description
EMAS	Engineered Material Arresting System
emerg	emergency
eng	engine
EOR	End of Runway
eqpt	equipment
ERDA	Energy Research and Development Administration
E–S	Enroute Supplement
est	estimate
estab	establish
ETA	Estimated Time of Arrival
ETD	Estimated Time of Departure
ETE	Estimated Time Enroute
ETS	European Telephone System
EUR	European (ICAO Region)
ev	every
evac	evacuate
exc	except
excld	exclude
exer	exercise
exm	exempt
exp	expect
extd	extend
extn	extension
extv	extensive
F/W	Fixed Wing
FAA	Federal Aviation Administration
fac	facility
FAWS	Flight Advisory Weather Service
fax	facsimile
FBO	Fixed Base Operator
FCC	Flight Control Center
FCG	Foreign Clearance Guide
FCLP	field carrier landing practice
fcst	forecast
Feb	February
FIC	Flight Information Center
FIH	Flight Information Handbook
FIR	Flight Information Region
FIS	Flight Information Service
FL	flight level
fld	field
flg	flashing
FLIP	Flight Information Publication
flt	flight
flw	follow
FM	Fan Marker, Frequency Modulation
FOC	Flight Operations Center
FOD	Foreign Object Damage
fone	telephone
FPL	Flight Plan
fpm	feet per minute
fr	from
freq	frequency, frequent
Fri	Friday
frng	firing
FSS	Flight Service Station
ft	foot
ftr	fighter
GA	Glide Angle
gal	gallon

Abbreviation	Description
GAT	General Air Traffic (Europe–Asia)
GCA	Ground Control Approach
GCO	Ground Communication Outlet
gldr	glider
GND	Ground Control
gnd	ground
govt	government
GP	Glide Path
Gp	Group
GPI	Ground Point of Intercept
grad	gradient
grd	guard
GS	glide slope
GWT	gross weight
H	Enroute High Altitude Chart (followed by identification)
H+	Hours or hours plus...minutes past the hour
H24	continuous operation
HAA	Height Above Airport/Aerodrome
HAL	Height Above Landing Area
HAR	Height Above Runway
HAT	Height Above Touchdown
haz	hazard
hdg	heading
HDTA	High Density Traffic Airport/Aerodrome
HF	High Frequency (3000 to 30,000 KHz)
hgr	hangar
hgt	height
hi	high
HIRL	High Intensity Runway Lights
HO	Service available to meet operational requirements
hol	holiday
HOLF	Helicopter Outlying Field
hosp	hospital
HQ	Headquarters
hr	hour
HS	Service available during hours of scheduled operations
hsg	housing
hvy	heavy
HW	Heavy Weight
hwy	highway
HX	station having no specific working hours
Hz	Hertz (cycles per second)
I	Island
IAP	Instrument Approach Procedure
IAS	Indicated Air Speed
IAW	in accordance with
ICAO	International Civil Aviation Organization
ident	identification
IFF	Identification, Friend or Foe
IFR	Instrument Flight Rules
IFR–S	FLIP IFR Supplement
ILS	Instrument Landing System
IM	Inner Marker
IMC	Instrument Meteorological Conditions
IMG	Immigration
immed	immediate
inbd	inbound

Abbreviation	Description
Inc	Incorporated
incl	include
incr	increase
indef	indefinite
info	information
inop	inoperative
inst	instrument
instl	install
instr	instruction
int	intersection
intcntl	intercontinental
intcp	intercept
intl	international
intmt	intermittent
ints	intense, intensity
invof	in the vicinity of
irreg	Irregularly
Jan	January
JASU	Jet Aircraft Starting Unit
JATO	Jet Assisted Take–Off
JOAP	Joint Oil Analysis Program
JOSAC	Joint Operational Support Airlift Center
JRB	Joint Reserve Base
Jul	July
Jun	June
K or Kt	Knots
kHz	kilohertz
KIAS	Knots Indicated Airspeed
KLIZ	Korea Limited Identification Zone
km	Kilometer
kw	kilowatt
L	Compass locator (Component of ILS system) under 25 Watts, 15 NM, Enroute Low Altitude Chart (followed by identification)
L	Local Time
LAHSO	Land and Hold–Short Operations
L–AOE	Limited Airport of Entry
LAWRS	Limited Aviation Weather Reporting Station
lb, lbs	pound (weight)
LC	local call
lcl	local
LCP	French Peripheral Classification Line
lctd	located
lctn	location
lctr	locator
LCVASI	Low Cost Visual Approach Slope Indicator
lczr	localizer
LD	long distance
LDA	Landing Distance Available
ldg	landing
LDIN	Lead–in Lights
LDOCF	Long Distance Operations Control Facility
len	length
lgt, lgtd, lgts	light, lighted, lights
LIRL	Low Intensity Runway Lights
LLWAS	Low–Level Wind Shear Alert System
LLZ	Localizer (Instrument Approach Procedures Identification only)
LMM	Compass locator at Middle Marker ILS
lo	low
LoALT or LA	Low Altitude
LOC	Localizer
LOM	Compass locator at Outer Marker ILS
LR	Long Range, Lead Radial
LRA	Landing Rights Airport
LRRS	Long Range RADAR Station
LSB	lower side band
ltd	limited
M	meters, magnetic (after a bearing), Military Circuit (Telephone)
MACC	Military Area Control Center
mag	magnetic
maint	maintain, maintenance
maj	major
MALS	Medium Intensity Approach Lighting System
MALSF	MALS with Sequenced Flashers
MALSR	MALS with Runway Alignment Indicator Lights
Mar	March
MARA	Military Activity Restricted Area
MATO	Military Air Traffic Operations
MATZ	Military Aerodrome Traffic Zone
max	maximum
mb	millibars
MCAC	Military Common Area Control
MCAF	Marine Corps Air Facility
MCALF	Marine Corps Auxiliary Landing Field
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCC	Military Climb Corridor
MCOLF	Marine Corps Outlying Field
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
med	medium
MEHT	Minimum Eye Height over Threshold
mem	memorial
MET	Meteorological, Meteorology
METAR	Aviation Routine Weather Report (in international MET figure code)
METRO	Pilot–to–Metro voice cell
MF	Medium Frequency (300 to 3000 KHz), Mandatory Frequency (Canada)
MFA	Minimum Flight Altitude
mgmt	Management
mgr	manager
MHz	Megahertz
mi	mile
MID/ASIA	Middle East/Asia (ICAO Region)
MIJI	Meaconing, Intrusion, Jamming, and Interference
Mil, mil	military
min	minimum, minute
MIRL	Medium Intensity Runway Lights
misl	missile
mkr	marker (beacon)
MM	Middle Marker of ILS
mnt	monitor
MOA	Military Operations Area

Abbreviation	Description
MOCA	Minimum Obstruction Clearance Altitude
mod	modify
MOG	Maximum (aircraft) on the Ground
MON	Minimum Operational Network
Mon	Monday
MP	Maintenance Period
MR	Medium Range
MRA	Minimum Reception Altitude
mrk	mark, marker
MSAW	minimum safe altitude warning
msg	message
MSL	Mean Sea Level
msn	Mission
mt	mount, mountain
MTAF	Mandatory Traffic Advisory Frequency
MTCA	Military Terminal Control Area
mthly	monthly
MUAC	Military Upper Area Control
muni	municipal
MWARA	Major World Air Route Area
N	North
N/A	not applicable
NA	not authorized (For Instrument Approach Procedure take–off and alternate MINIMA only)
NAAS	Naval Auxiliary Air Station
NADC	Naval Air Development Center
NADEP	Naval Air Depot
NAEC	Naval Air Engineering Center
NAES	Naval Air Engineering Station
NAF	Naval Air Facility
NALCO	Naval Air Logistics Control Office
NALF	Naval Auxiliary Landing Field
NALO	Navy Air Logistics Office
NAS	Naval Air Station
NAT	North Atlantic (ICAO Region)
natl	national
nav	navigation
navaid	navigation aid
NAVMTO	Navy Material Transportation Office
NAWC	Naval Air Warfare Center
NAWS	Naval Air Weapons Station
NCRP	Non–Compulsory Reporting Point
NDB	Non–Directional Radio Beacon
NE	Northeast
nec	necessary
NEW	Net Explosives Weight
ngt	night
NM	nautical miles
nml	normal
NMR	nautical mile radius
No or Nr	number
NOLF	Naval Outlying Field
NORDO	Lost communications or no radio installed/available in aircraft
NOTAM	Notice to Airmen
Nov	November
npi	non precision instrument
Nr or No	number
NS	Naval Station
NS ABTMT	Noise Abatement
NSA	Naval Support Activity
NSF	Naval Support Facility
NSTD, nstd	nonstandard

Abbreviation	Description
ntc	notice
NVD	Night Vision Devices
NVG	Night Vision Goggles
NW	Northwest
NWC	Naval Weapons Center
O/A	On or about
O/S	out of service
O/R	On Request
OAT	Operational Air Traffic
obsn	observation
obst	obstruction
OCA	Oceanic Control Area
ocnl	occasional
Oct	October
ODALS	Omnidirectional Approach Lighting System
ODO	Operations Duty Officer
offl	official
OIC	Officer In Charge
OLF	Outlying Field
OLS	Optical Landing System
OM	Outer Marker, ILS
opr	operate, operator, operational
OPS, ops	operations
orig	original
OROCA	Off Route Obstruction Clearance Altitude
ORTCA	Off Route Terrain Clearance Altitude
OT	other times
OTS	out of service
outbd	outbound
ovft	overflight
ovrn	overrun
OX	oxygen
P/L	plain language
PAC	Pacific (ICAO Region)
PAEW	personnel and equipment working
PALS	Precision Approach and Landing System (NAVY)
PAPI	Precision Approach Path Indicator
PAR	Precision Approach Radar
para	paragraph
parl	parallel
pat	pattern
PAX	Passenger
PCL	pilot controlled lighting
pent	penetrate
perm	permanent
perms	permission
pers	personnel
PFC	Porous Friction Courses
PJE	Parachuting Activities/Exercises
p–line	power line
PM	Post meridian, noon til midnight
PMRF	Pacific Missile Range Facility
PMSV	Pilot–to–Metro Service
PN	prior notice
POB	persons on board
POL	Petrol, Oils and Lubricants
posn	position
PPR	prior permission required
prcht	parachute
pref	prefer
prev	previous

Abbreviation	Description
prim	primary
prk	park
PRM	Precision Runway Monitor
pro	procedure
proh	prohibited
pt	point
PTD	Pilot to Dispatcher
pub	publication
publ	publish
PVASI	Pulsating Visual Approach Slope Indicator
pvt	private
pwr	power
QFE	Altimeter Setting above station
QNE	Altimeter Setting of 29.92 inches which provides height above standard datum plane
QNH	Altimeter Setting which provides height above mean sea level
qtrs	quarters
quad	quadrant
R/T	Radiotelephony
R/W	Rotary/Wing
RACON	Radar Beacon
rad	radius, radial
RAIL	Runway Alignment Indicator Lights
RAMCC	Regional Air Movement Control Center
R–AOE	Regular Airport of Entry
RAPCON	Radar Approach Control (USAF)
RATCF	Radar Air Traffic Control Facility (Navy)
RCAG	Remote Center Air to Ground Facility
RCAGL	Remote Center Air to Ground Facility Long Range
RCL	runway centerline
RCLS	Runway Centerline Light System
RCO	Remote Communications Outlet
rcpt	reception
RCR	Runway Condition Reading
rcv	receive
rcvr	receiver
rdo	radio
reconst	reconstruct
refuel	refueling
reg	regulation, regular
REIL	Runway End Identifier Lights
rel	reliable
relctd	relocated
REP	Reporting Point
req	request
RETIL	Rapid Exit Taxiway Indicator Light
Rgn	Region
Rgnl	Regional
rgt	right
rgt tfc	right traffic
rlgd	realigned
RLLS	Runway Lead-in Light System
rmk	remark
rng	range, radio range
RNP	Required Navigation Performance
RON	Remain Overnight
Rot Lt or Bcn	Rotating Light or Beacon
RPI	Runway Point of Intercept
rpt	report
rqr	require

Abbreviation	Description
RR	Railroad
RRP	Runway Reference Point
RSC	Runway Surface Condition
RSDU	Radar Storm Detection Unit
RSE	Runway Starter Extension/Starter Strip
RSRS	Reduced Same Runway Separation
rstd	restricted
rte	route
ruf	rough
RVR	Runway Visual Range
RVSM	Reduced Vertical Separation Minima
rwy	runway
S	South
S/D	Seadrome
SALS	Short Approach Lighting System
SAR	Search and Rescue
Sat	Saturday
SAVASI	Simplified Abbreviated Visual Approach Slope Indicator
SAWRS	Supplement Aviation Weather Reporting Station
sby	standby
Sched	scheduled services
sctr	sector
SDF	Simplified Directional Facility
SE	Southeast
sec	second, section
secd	secondary
SELCAL	Selective Calling System
SELF	Strategic Expeditionary Landing Field
SEng	Single Engine
Sep	September
SFA	Single Frequency Approach
sfc	surface
SFL	Sequence Flashing Lights
SFRA	Special Flight Rules Area
SID	Standard Instrument Departure
SIDA	Secure Identification Display Area
SIF	Selective Identification Feature
sked	schedule
SM	statute miles
SOAP	Spectrometric Oil Analysis Program
SOF	Supervisor of Flying
SPB	Seaplane Base
SR	sunrise
SRE	Surveillance Radar Element of GCA (Instrument Approach Procedures Identification only)
SS	sunset
SSALS/R	Simplified Short Approach Lighting System/with RAIL
SSB	Single Sideband
SSR	Secondary Surveillance Radar
STA	Straight-in Approach
std	standard
stn	station
stor	storage
str–in	Straight–in
stu	student
subj	subject
sum	summer
Sun	Sunday
sur	surround
survl	survival, surveillance
suspd	suspended

Abbreviation	Description
svc	service
svcg	servicing
SW	Southwest
sys	system
TA	Transition Altitude
TAC	Tactical Air Command
TAF	Aerodrome (terminal or alternate) forecast in abbreviated form
TALCE	Tanker Aircraft Control Element
TCA	Terminal Control Area
TCH	Threshold Crossing Height
TCTA	Transcontinental Control Area
TD	Touchdown
TDWR	Terminal Doppler Weather Radar
TDZ	Touchdown Zone
TDZL	Touchdown Zone Lights
tfc	traffic
thld	threshold
thou	thousand
thru	through
Thu	Thursday
til	until
tkf, tkof	take–off
TLv	Transition Level
tmpry	temporary
TODA	Take–Off Distance Available
TORA	Take–Off Run Available
TP	Tire Pressure
TPA	Traffic Pattern Altitude
TRACON	Terminal Radar Approach Control (FAA)
tran	transient
trans	transmit
trml	terminal
trng	training
trns	transition
TRSA	Terminal Radar Service Area
Tue	Tuesday
TV	Television
twr	tower
twy	taxiway
UACC	Upper Area Control Center (used outside US)
UAS	Unmanned Aerial Systems
UC	Under Construction
UCN	Urgent Change Notice
UDA	Upper Advisory Area
UDF	Ultra High Frequency Direction Finder
UFN	until further notice
UHF	Ultra High Frequency (300 to 3000 MHz)
UIR	Upper Flight Information Region
una	unable
unauthd	unauthorized
unavbl	unavailable
unctl	uncontrolled
unk	unknown
unlgtd	unlighted
unltd	unlimited
unmrk	unmarked
unmto	unmonitored
unrel	unreliable
unrstd	unrestricted
unsatfy	unsatisfactory
unsked	unscheduled
unsvc	unserviceable
unuse, unusbl	unusable
USA	United States Army
USAF	United States Air Force
USB	Upper Side Band
USCG	United States Coast Guard
USMC	United States Marine Corps
USN	United States Navy
UTA	Upper Control Area
UTC	Coordinated Universal Time
V	Defense Switching Network (telephone, formerly AUTOVON)
V/STOL	Vertical and Short Take–off and Landing aircraft
VAL	Visiting Aircraft Line
var	variation (magnetic variation)
VASI	Visual Approach Slope Indicator
vcnty	vicinity
VDF	Very High Frequency Direction Finder
veh	vehicle
vert	vertical
VFR	Visual Flight Rules
VFR–S	FLIP VFR Supplement
VHF	Very High Frequency (30 to 300 MHz)
VIP	Very Important Person
vis	visibility
VMC	Visual Meteorological Conditions
VOIP	Voice Over Internet Protocol
VOLMET	Meteorological Information for Aircraft in Flight
VOT	VOR Receiver Testing Facility
W	Warning Area (followed by identification), Watts, West, White
WCH	Wheel Crossing Height
Wed	Wednesday
Wg	Wing
WIE	with immediate effect
win	winter
WIP	work in progress
WSO	Weather Service Office
WSFO	Weather Service Forecast Office
wk	week
wkd	weekday
wkly	weekly
wng	warning
wo	without
WSP	Weather System Processor
wt	weight
wx	weather
yd	yard
yr	year
Z	Greenwich Mean Time (time groups only)

INTENTIONALLY

LEFT

BLANK

SAMPLE

(1) **CITY NAME**

AIRPORT NAME (ALTERNATE NAME) (LTS)(KLTS) CIV/MIL (2) 3 N (3) UTC–6(–5DT) (4) N34º41.93´ W99º20.20´ (5) (6) (7) **JACKSONVILLE** (8)
200 (11) B (12) TPA—1000(800) (13) AOE (14) LRA (15) Class IV, ARFF Index A (16) NOTAM FILE ORL (17) Not insp. MON (18) Airport **COPTER H–4G, L–19C IAP, DIAP, AD** (9)

(19) **RWY 18–36:** H12004X200 (ASPH–CONC–GRVD)
S–90, D–160, 2D–300 PCN 80 R/B/W/T HIRL CL
RWY 18: RLLS. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0º TCH 36´. RVR–TMR. Thld dsplcd 300´. Trees. Rgt tfc. 0.3% up.
RWY 36: ALSF1. 0.4% down.
RWY 09–27: H6000X150 (ASPH) MIRL
RWY 173–353: H3515X150 (ASPH–PFC) AUW PCN 59 F/A/W/T

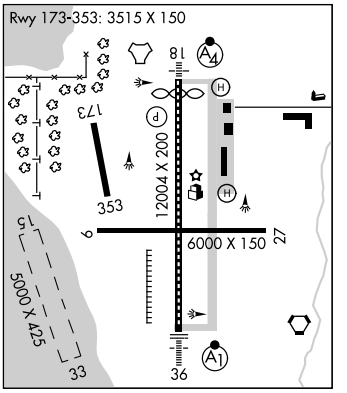
(20) **LAND AND HOLD–SHORT OPERATIONS**

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 18	09–27	6500
RWY 36	09–27	5400

(21) **RUNWAY DECLARED DISTANCE INFORMATION**
RWY 18: TORA–12004 TODA–12004 ASDA–11704 LDA–11504
RWY 36: TORA–12004 TODA–12004 ASDA–12004 LDA–11704

(22) **ARRESTING GEAR/SYSTEM**
RWY 18 HOOK E5 (65´ OVRN) BAK–14 BAK–12B (1650´)
BAK–14 BAK–12B (1087´) HOOK E5 (74´ OVRN) **RWY 36**

(23) **SERVICE:** S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** ACTIVATE MALSR Rwy 29, REIL Rwy 11, VASI Rwy 11, HIRL Rwy 11–29, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17–35—CTAF. **MILITARY**— **A–GEAR** E–5 connected on dep end, disconnected on apch end.
JASU 3(AM32A–60) 2(A/M32A–86) **FUEL** J8(Mil)(NC–100, A)
FLUID W SP PRESAIR LOX **OIL** O–128 **MAINT** S1 Mon–Fri 1000–2200Z‡
TRAN ALERT Avbl 1300–0200Z‡ svc limited weekends.



(10)

(24) **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200–0300Z‡. Parachute Jumping. Deer invof arpt. Heavy jumbo jet training surface to 9000´. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

(25) **MILITARY REMARKS: ANG** PPR/Official Business Only. Base OPS DSN 638–4390, C503–335–4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

(26) **AIRPORT MANAGER:** (580) 481–5739

(27) **WEATHER DATA SOURCES: AWOS–1** 120.3 (202) 426–8000. LAWRS.

(28) **COMMUNICATIONS: SFA CTAF** 122.8 **UNICOM** 122.95 **ATIS** 127.25 273.5 (202) 426–8003 **PTD** 372.2
NAME RCO 112.2T 112.1R (NAME RADIO)
Ⓡ**NAME APP/DEP CON** 128.35 257.725 (1200–0400Z‡)
TOWER 119.65 255.6 (1200–0400Z‡) **GND CON** 121.7 **GCO** 135.075 (ORLANDO CLNC) **CLNC DEL** 125.55
CPDLC D–HZWXR, D–TAXI, DCL (LOGON KMEM)
NAME COMD POST (GERONIMO) 311.0 321.4 6761 **PMSV METRO** 239.8 **NAME OPS** 257.5
AIRSPACE: CLASS B See VFR Terminal Area Chart.

(29) **VOR TEST FACILITY (VOT):** 116.7

(30) **RADIO AIDS TO NAVIGATION:** NOTAM FILE ORL. VHF/DF ctc FSS.

(31) **(H) VORTAC** 112.2 MCO Chan 59 N28º32.55´ W81º20.12´ at fld. 1110/8E.
(H) TACAN Chan 29 CBU (109.2) N28º32.65´ W81º21.12´ at fld. 1115/8E.
HERNY NDB (LOM) 221 OR N28º37.40´ W81º21.05´ 177º 5.4 NM to fld.
ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.
ASR/PAR (1200–0400Z‡)
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

(32) •

HELIPAD H1: H100X75 (ASPH)
HELIPAD H2: H60X60 (ASPH)
HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt. (1)

• • • • • • • • • • • • • • • • • • • •

187 TPA 1000(813)
WATERWAY 15–33: 5000X425 (WATER)
SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.

All bearings and radials are magnetic unless otherwise specified. All mileages are nautical unless otherwise noted.
All times are Coordinated Universal Time (UTC) except as noted. All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.
The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

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19171

SKETCH LEGEND

RUNWAYS/LANDING AREAS

Hard Surface . . . . . .

Metal Surface . . . . . .

Other than Hard Surface Runways. . . .

Water Runway . . . . . .

Under Construction . . . . .

Closed Rwy . . . . . .

Closed Pavement . . . . . .

Helicopter Landings Area . . . . . .

Displaced Threshold . . . . . .

Taxiway, Apron and Stopways . .

MISCELLANEOUS BASE AND CULTURAL FEATURES

Buildings . . . . . .

Power Lines . . . . . .

Towers . . . . . .

Wind Turbine. . . . . .

Tanks . . . . . .

Oil Well . . . . . .

Smoke Stack . . . . . .

Obstruction 5812

Controlling Obstruction . . . . . +5812

Trees . . . . . .

Populated Places . . . . . .

Cuts and Fills . . . . . Cut Fill

Cliffs and Depressions . .

Ditch . . . . . .

Hill . . . . . .

RADIO AIDS TO NAVIGATION

VORTAC . . . VOR . . . . . .

VOR/DME . . NDB . . . . . .

TACAN . . . . NDB/DME . . . .

DME . . . .

MISCELLANEOUS AERONAUTICAL FEATURES

Airport Beacon . . . . . .

Wind Cone . . . . . .

Landing Tee . . . . . .

Tetrahedron . . . . . .

Control Tower . . . . . TWR

When control tower and rotating beacon are co-located beacon symbol will be used and further identified as TWR.

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g. A1 Negative symbology, e.g., A1 V indicates Pilot Controlled Lighting (PCL).

Runway Centerline Lighting . . . . .

A Approach Lighting System ALSF-2 . .

A1 Approach Lighting System ALSF-1 . .

A2 Short Approach Lighting System SALS/SALSF . . . . . .

A3 Simplified Short Approach Lighting System (SSALR) with RAIL . . . . .

A4 Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF) . . . . . .

A5 Medium Intensity Approach Lighting System (MALSR) and RAIL . . . . . .

Omnidirectional Approach Lighting System (ODALS) . . . . . .

D Navy Parallel Row and Cross Bar . . .

Air Force Overrun . . . . . .

V Visual Approach Slope Indicator with Standard Threshold Clearance provided

V2 Pulsating Visual Approach Slope Indicator (PVASI)

V3 Visual Approach Slope Indicator with a threshold crossing height to accomodate long bodied or jumbo aircraft

V4 Tri-color Visual Approach Slope Indicator (TRCV)

V5 Approach Path Alignment Panel (APAP)

P Precision Approach Path Indicator (PAPI)

LEGEND

This directory is a listing of data on record with the FAA on public–use airports, military airports and selected private–use airports specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Civil airports and joint Civil/Military airports which are open to the public are listed alphabetically by state, associated city and airport name and cross–referenced by airport name. Military airports and private–use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name and cross–referenced by associated city name. Navaids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an airport as open to the public in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the airport conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military airports, private–use airports, and private–use (limited civil access) joint Military/Civil airports are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint Civil/Military airports which are open to the public are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports and private–use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four–character ICAO code, when assigned, to airports. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter “O”.

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private–use airports. The operating agency is shown for military, private–use and joint use airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	MIL/CIV	Joint Use Military/Civil Limited Civil Access
AF	US Air Force	N	Navy
ANG	Air National Guard	NAF	Naval Air Facility
AR	US Army Reserve	NAS	Naval Air Station
ARNG	US Army National Guard	NASA	National Air and Space Administration
CG	US Coast Guard	P	US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military Open to the Public		
DND	Department of National Defense Canada	PVT	Private Use Only (Closed to the Public)
DOE	Department of Energy		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 3 N.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as “Z” time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC–5(–4DT). The symbol ‡ indicates that during periods of Daylight Saving Time (DST) effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (–4DT) and ‡ will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no ‡ symbol will be shown, i.e., April 15–Aug 31 0630–1700Z, Sep 1–Apr 14 0600–1700Z.

⑦ GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

⑧ CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is depicted. Pacific Enroute Chart will be indicated by P. Area Enroute Charts will be indicated by A. Helicopter Chart depictions will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be referenced as GOMW and GOMC.

⑨ INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5–4–5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each Chart Supplement volume alphabetically by associated city and airport name.

⑩ AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbology that is not self–explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top.

⑪ ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as “00”. When elevation is below sea level a minus “–” sign will precede the figure.

⑫ ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

⑬ TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. TPA will only be published if they differ from the recommended altitudes as described in the AIM, Traffic Patterns. Multiple TPA shall be shown as “TPA—See Remarks” and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

⑭ AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

U.S. CUSTOMS AIR AND SEA PORTS, INSPECTORS AND AGENTS

Northeast Sector (New England and Atlantic States—ME to MD)	407–975–1740
Southeast Sector (Atlantic States—DC, WV, VA to FL)	407–975–1780
Central Sector (Interior of the US, including Gulf states—MS, AL, LA)	407–975–1760
Southwest East Sector (OK and eastern TX)	407–975–1840
Southwest West Sector (Western TX, NM and AZ)	407–975–1820
Pacific Sector (WA, OR, CA, HI and AK)	407–975–1800

⑮ CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90´	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H_2O
B	1 or 2	≥90´, <126´ ——————— ≥126´, <159´	≥5 ——— <5	Index A + 1500 gal H_2O
C	2 or 3	≥126´, <159´ ——————— ≥159´, <200´	≥5 ——— <5	Index A + 3000 gal H_2O
D	3	≥159´, <200´ ——————— >200´	——— <5	Index A + 4000 gal H_2O
E	3	≥200´	≥5	Index A + 6000 gal H_2O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H_2O–Water; DC–Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non–air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

⑯ NOTAM SERVICE

All public use landing areas are provided NOTAM service. A NOTAM FILE identifier is shown for individual landing areas, e.g., "NOTAM FILE BNA". See the AIM, Basic Flight Information and ATC Procedures for a detailed description of NOTAMs. Current NOTAMs are available online from the Federal NOTAM System (FNS) NOTAM Search website https://notams.aim.faa.gov/notamSearch/ , private vendors, or on request from Flight Service. Military NOTAMs are available using the Defense Internet NOTAM Service (DINS) at https://www.notams.faa.gov. Pilots flying to or from airports not available through the FNS or DINS can obtain assistance from Flight Service.

⑰ FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

⑱ MINIMUM OPERATIONAL NETWORK (MON) AIRPORT DESIGNATION

MON Airports have at least one VOR or ILS instrument approach procedure that can be flown without the need for GPS, WAAS, DME, NDB or RADAR. The primary purpose of the MON designation is for recovery in case of GPS outage.

⑲ RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea–lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND SURFACE TREATMENT

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt–concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat (GRVL)—Gravel, or cinders (SAND)—Sand

(AM2)—Temporary metal planks coated with nonskid material
(ASPH)—Asphalt
(CONC)—Concrete
(DIRT)—Dirt
(GRVD)—Grooved
(MATS)—Pierced steel planking, landing mats, membranes
(PEM)—Part concrete, part asphalt
(PFC)—Porous friction courses
(PSP)—Pierced steel plank
(RFSC)—Rubberized friction seal coat
(TURF)—Turf
(TRTD)—Treated
(WC)—Wire combed

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBTT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340–600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five–part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

NOTE: Prior permission from the airport controlling authority is required when the ACN of the aircraft exceeds the published PCN or aircraft tire pressure exceeds the published limits.

(1) The PCN NUMBER—The reported PCN indicates that an aircraft with an ACN equal or less than the reported PCN can operate on the pavement subject to any limitation on the tire pressure.

(2) The type of pavement:
R — Rigid
F — Flexible

(3) The pavement subgrade category:
A — High
B — Medium
C — Low
D — Ultra–low

(4) The maximum tire pressure authorized for the pavement:
W — Unlimited, no pressure limit
X — High, limited to 254 psi (1.75 MPa)
Y — Medium, limited to 181 psi (1.25MPa)
Z — Low, limited to 73 psi (0.50 MPa)

(5) Pavement evaluation method:
T — Technical evaluation
U — By experience of aircraft using the pavement

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L–800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.
LIRL—Low Intensity Runway Lights.
MIRL—Medium Intensity Runway Lights.
HIRL—High Intensity Runway Lights.
RAIL—Runway Alignment Indicator Lights.
REIL—Runway End Identifier Lights.
CL—Centerline Lights.
TDZL—Touchdown Zone Lights.
ODALS—Omni Directional Approach Lighting System.
AF OVRN—Air Force Overrun 1000´ Standard Approach Lighting System.
MALS—Medium Intensity Approach Lighting System.
MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.
MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.
RLLS—Runway Lead–in Light System
SALS—Short Approach Lighting System.
SALSF—Short Approach Lighting System with Sequenced Flashing Lights.
SSALS—Simplified Short Approach Lighting System.
SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.
SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.
ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.
ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.
ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.
SF—Sequenced Flashing Lights.
OLS—Optical Landing System.
WAVE–OFF.

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the “Remarks” portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint use airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.

PNIL	APAP on left side of runway	PNIR	APAP on right side of runway

PAPI—Precision Approach Path Indicator

P2L	2–identical light units placed on left side of runway	P4L	4–identical light units placed on left side of runway
P2R	2–identical light units placed on right side of runway	P4R	4–identical light units placed on right side of runway

PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.

PSIL	PVASI on left side of runway	PSIR	PVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L	2–box SAVASI on left side of runway	S2R	2–box SAVASI on right side of runway

TRCV—Tri–color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL	TRCV on left side of runway	TRIR	TRCV on right side of runway

VASI—Visual Approach Slope Indicator

V2L	2–box VASI on left side of runway	V6L	6–box VASI on left side of runway
V2R	2–box VASI on right side of runway	V6R	6–box VASI on right side of runway
V4L	4–box VASI on left side of runway	V12	12–box VASI on both sides of runway
V4R	4–box VASI on right side of runway	V16	16–box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., –GA 3.5º TCH 37´.

PILOT CONTROL OF AIRPORT LIGHTING

Key Mike	Function
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL–Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL–Off)

Available systems will be indicated in the Service section, e.g., **LGT** ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be

explained in clear text. See AIM, "Aeronautical Lighting and Other Airport Visual Aids," for a detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will be provided. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 31: Pole. Rgt tfc. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. "Rgt tfc"—Right traffic indicates right turns should be made on landing and takeoff for specified runway end. Runway Visual Range shall be shown as "RVR" appended with "T" for touchdown, "M" for midpoint, and "R" for rollout; e.g., RVR-TMR.

⑳ LAND AND HOLD–SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold–Short Operations" These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.
Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold–short operations and markings.

㉑ RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take–off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take–off.
TODA—Take–off Distance Available. The length of the take–off run available plus the length of the clearway, if provided.
ASDA—Accelerate–Stop Distance Available. The length of the take–off run available plus the length of the stopway, if provided.
LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

㉒ ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a–gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A–Gear which has a bi–direction capability and can be utilized for emergency approach end engagement is indicated by a (B). Up to 15 minutes advance notice may be required for rigging A–Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI–DIRECTIONAL CABLE (B)

TYPE	DESCRIPTION
BAK–9	Rotary friction brake.
BAK–12A	Standard BAK–12 with 950 foot run out, 1–inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK–12B	Extended BAK–12 with 1200 foot run, 1¼ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

BAK–14	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
H	A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one–half seconds to fully raise the cable.)

UNI–DIRECTIONAL CABLE

TYPE	DESCRIPTION
MB60	Textile brake—an emergency one–time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5–1/E5–3	Chain Type. At USN/USMC stations E–5 A–GEAR systems are rated, e.g., E–5 RATING–13R–1100 HW (DRY), 31L/R–1200 STD (WET). This rating is a function of the A–GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Service/Military/A-Gear in the entry.

FOREIGN CABLE

TYPE	DESCRIPTION	US EQUIVALENT
44B–3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E–5

UNI–DIRECTIONAL BARRIER

TYPE	DESCRIPTION
MA–1A	Web barrier between stanchions attached to a chain energy absorber.
BAK–15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK–15 in the underrun is a significant hazard. The barrier in the down position still protrudes several inches above the underrun. Aircraft contact with the barrier short of the runway

threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

TYPE	DESCRIPTION
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

㉓ SERVICE

SERVICING—CIVIL

S1: Minor airframe repairs.
S2: Minor airframe and minor powerplant repairs.
S3: Major airframe and minor powerplant repairs.
S4: Major airframe and major powerplant repairs.
S5: Major airframe repairs.
S6: Minor airframe and major powerplant repairs.
S7: Major powerplant repairs.
S8: Minor powerplant repairs.

FUEL

CODE	FUEL
80	Grade 80 gasoline (Red)
100	Grade 100 gasoline (Green)
100LL	100LL gasoline (low lead) (Blue)
115	Grade 115 gasoline (115/145 military specification) (Purple)
A	Jet A, Kerosene, without FS–II*, FP** minus 40° C.
A+	Jet A, Kerosene, with FS–II*, FP** minus 40°C.
A++	Jet A, Kerosene, with FS–II*, CI/LI#, SDA##, FP** minus 40°C.
A++100	Jet A, Kerosene, with FS–II*, CI/LI#, SDA##, FP** minus 40°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
A1	Jet A–1, Kerosene, without FS–II*, FP** minus 47°C.
A1+	Jet A–1, Kerosene with FS–II*, FP** minus 47° C.
B	Jet B, Wide–cut, turbine fuel without FS–II*, FP** minus 50° C.
B+	Jet B, Wide–cut, turbine fuel with FS–II*, FP** minus 50° C
J4 (JP4)	(JP–4 military specification) FP** minus 58° C.
J5 (JP5)	(JP–5 military specification) Kerosene with FS–II, FP** minus 46°C.
J8 (JP8)	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, CI/LI#, SDA##, FP** minus 47°C.
J8+100	(JP–8 military specification) Jet A–1, Kerosene with FS–II*, CI/LI#, SDA##,FP** minus 47°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
J	(Jet Fuel Type Unknown)
MOGAS	Automobile gasoline which is to be used as aircraft fuel.
UL91	Unleaded Grade 91 gasoline
UL94	Unleaded Grade 94 gasoline

*(Fuel System Icing Inhibitor) **(Freeze Point) # (Corrosion Inhibitors/Lubricity Improvers) ## (Static Dissipator Additive)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

OXYGEN—CIVIL

OX 1 High Pressure
OX 2 Low Pressure
OX 3 High Pressure—Replacement Bottles
OX 4 Low Pressure—Replacement Bottles

SERVICE—MILITARY

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

JET AIRCRAFT STARTING UNITS (JASU)—MILITARY

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non–availability.

The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35–1–7.)

ELECTRICAL STARTING UNITS:

A/M32A–86	AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire DC: 28v, 1500 amp, 72 kw (with TR pack)
MC–1A	AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire DC: 28v, 500 amp, 14 kw
MD–3	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus
MD–3A	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 1500 amp, 45 kw, split bus

MD–3M	AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire DC: 28v, 500 amp, 15 kw
MD–4	AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire

AIR STARTING UNITS

AM32–95	150 +/– 5 lb/min (2055 +/– 68 cfm) at 51 +/– 2 psia
AM32A–95	150 +/– 5 lb/min @ 49 +/– 2 psia (35 +/– 2 psig)
LASS	150 +/– 5 lb/min @ 49 +/– 2 psia
MA–1A	82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press
MC–1	15 cfm, 3500 psia
MC–1A	15 cfm, 3500 psia
MC–2A	15 cfm, 200 psia
MC–11	8,000 cu in cap, 4000 psig, 15 cfm

COMBINED AIR AND ELECTRICAL STARTING UNITS:

AGPU	AC: 115/200v, 400 cycle, 3 phase, 30 kw gen DC: 28v, 700 amp AIR: 60 lb/min @ 40 psig @ sea level
AM32A–60*	AIR: 120 +/– 4 lb/min (1644 +/– 55 cfm) at 49 +/– 2 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva DC: 28v, 500 amp, 15 kw
AM32A–60A	AIR: 150 +/– 5 lb/min (2055 +/– 68 cfm at 51 +/– psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw
AM32A–60B*	AIR: 130 lb/min, 50 psia AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire DC: 28v, 200 amp, 5.6 kw

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU

ELECTRICAL STARTING UNITS:

NC–8A/A1	DC: 500 amp constant, 750 amp intermittent, 28v; AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC–10A/A1/B/C	DC: 750 amp constant, 1000 amp intermittent, 28v; AC: 90 kva, 115/200v, 3 phase, 400 Hz.

AIR STARTING UNITS:

GTC–85/GTE–85	120 lbs/min @ 45 psi.
MSU–200NAV/A/U47A–5	204 lbs/min @ 56 psia.
WELLS AIR START SYSTEM	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.

COMBINED AIR AND ELECTRICAL STARTING UNITS:

NCPP–105/RCPT	180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.

ARMY JASU

59B2–1B	28v, 7.5 kw, 280 amp.

OTHER JASU

ELECTRICAL STARTING UNITS (DND):

CE12	AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13	AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14	AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15	DC 22–35v, 500 amp continuous 1100 amp intermittent
CE16	DC 22–35v, 500 amp continuous 1100 amp intermittent soft start

AIR STARTING UNITS (DND):

CA2	ASA 45.5 psig, 116.4 lb/min

COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)

CEA1	AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp AIR 112.5 lb/min, 47 psig

ELECTRICAL STARTING UNITS (OTHER)

C–26	28v 45kw 115–200v 15kw 380–800 Hz 1 phase 2 wire
C–26–B, C–26–C	28v 45kw: Split Bus: 115–200v 15kw 380–800 Hz 1 phase 2 wire
E3	DC 28v/10kw

AIR STARTING UNITS (OTHER):

A4	40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA–1	150 Air HP, 115 lb/min 50 psia
MA–2	250 Air HP, 150 lb/min 75 psia

CARTRIDGE:

MXU–4A	USAF

FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into–Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into–Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into–Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into–Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into–Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at https://cis.energy.dla.mil/ip_cis/. See legend item 14 for fuel code and description.

SUPPORTING FLUIDS AND SYSTEMS—MILITARY

CODE	
ADI	Anti–Detonation Injection Fluid—Reciprocating Engine Aircraft.
W	Water Thrust Augmentation—Jet Aircraft.
WAI	Water–Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP	Single Point Refueling.
PRESAIR	Air Compressors rated 3,000 PSI or more.
De–Ice	Anti–icing/De–icing/Defrosting Fluid (MIL–A–8243).

OXYGEN:

LPOX	Low pressure oxygen servicing.
HPOX	High pressure oxygen servicing.
LHOX	Low and high pressure oxygen servicing.
LOX	Liquid oxygen servicing.
OXRB	Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)
OX	Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

LHOXRB	Low and high pressure oxygen servicing and replacement bottles;
LPOXRB	Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

LPNIT — Low pressure nitrogen servicing.

HPNIT — High pressure nitrogen servicing.

LHNIT — Low and high pressure nitrogen servicing.

OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
O–113	1065, Reciprocating Engine Oil (MIL–L–6082)
O–117	1100, Reciprocating Engine Oil (MIL–L–6082)
O–117+	1100, O–117 plus cyclohexanone (MIL–L–6082)
O–123	1065, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type III)
O–128	1100, (Dispersant), Reciprocating Engine Oil (MIL–L–22851 Type II)
O–132	1005, Jet Engine Oil (MIL–L–6081)
O–133	1010, Jet Engine Oil (MIL–L–6081)
O–147	None, MIL–L–6085A Lubricating Oil, Instrument, Synthetic
O–148	None, MIL–L–7808 (Synthetic Base) Turbine Engine Oil
O–149	None, Aircraft Turbine Engine Synthetic, 7.5c St
O–155	None, MIL–L–6086C, Aircraft, Medium Grade
O–156	None, MIL–L–23699 (Synthetic Base), Turboprop and Turboshaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn–around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation.

Pilots should not expect aircraft to be serviced for TURN–AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

㉔ AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non–revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

㉕ MILITARY REMARKS

Joint Civil/Military airports contain both Airport Remarks and Military Remarks. Military Remarks published for these airports are applicable only to the military. Military and joint Military/Civil airports contain only Military Remarks. Remarks contained in this section may not be applicable to civil users. When both sets of remarks exist, the first set is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non–operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non–US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11–204, AR 95–27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on aboard are designated Code 6 or higher as explained in AFJMAN 11–213, AR 95–11, OPNAVINST 3722–8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

㉖ AIRPORT MANAGER

The phone number of the airport manager.

㉗ WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS–3 plus precipitation identification and intensity, and freezing rain occurrence;

AWOS—Automated Weather Observing System

AWOS–A—reports altimeter setting (all other information is advisory only).

AWOS–AV—reports altimeter and visibility.

AWOS–1—reports altimeter setting, wind data and usually temperature, dew point and density altitude.

AWOS–2—reports the same as AWOS–1 plus visibility.

AWOS–3—reports the same as AWOS–1 plus visibility and cloud/ceiling data.

AWOS–3P reports the same as the AWOS–3 system, plus a precipitation identification sensor.

AWOS–3PT reports the same as the AWOS–3 system, plus precipitation identification sensor and a thunderstorm/lightning reporting capability.

AWOS–3T reports the same as AWOS–3 system and includes a thunderstorm/lightning reporting capability.

See AIM, Basic Flight Information and ATC Procedures for detailed description of Weather Data Sources.

AWOS–4—reports same as AWOS–3 system, plus precipitation occurrence, type and accumulation, freezing rain, thunderstorm and runway surface sensors.

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.

SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS or AWOS followed by the frequency, identifier and phone number, if available.

㉘ COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in ascending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Aeronautical Advisory Stations (UNICOM) or (AUNICOM), and Automatic Terminal Information Service (ATIS) along with their frequencies are shown, where available, on the line following the heading “COMMUNICATIONS.” When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

Frequencies available for Flight Service Station (FSS) facilities will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available. In Alaska, Airport Advisory Service (AAS) is provided on the CTAF by FSS for select non–tower airports or airports where the tower is not in operation. (See AIM, Para 4–1–9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90–66B, “Non-Towered Airport Flight Operations.”)

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies–Civil communications frequencies used in the FSS air/ground system are operated on 122.2,

123.6; emergency 121.5; plus receive–only on 122.1.

a. 122.2 is assigned as a common en route frequency.

b. In Alaska, 123.6 is assigned as the airport advisory frequency at select non–tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.

c. 122.1 is the primary receive–only frequency at VORs.

d. Some FSSs are assigned 50 kHz frequencies in the 122–126 MHz band (e.g., 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remoted facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at FSSs in Alaska, most Towers, Approach Control and RADAR facilities.

Frequencies published followed by the letter “T” or “R”, indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only. In cases where communications frequencies are annotated with (R) or (E), (R) indicates Radar Capability and (E) indicates Emergency Frequency.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non–control information in selected terminal areas.

D–ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non–government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol Ⓡ indicates radar approach control.

TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four ‘‘key clicks’’ on the VHF radio to contact the appropriate ATC facility or six ‘‘key clicks’’ to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol Ⓡ indicates radar departure control.

CLNC DEL—Clearance Delivery.

CPDLC—Controller Pilot Data Link Communication. FANS ATC data communication capability from the aircraft to the ATC Data Link system.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non–Radar Approach Control.
Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot–to–Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as “Wx obsn svc 1900–0000Z‡” or “other times” may be used when no specific time is given. PMSV facilities manned by forecasters are considered “Full Service”. PMSV facilities manned by weather observers are listed as “Limited Service”.

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter “X” indicate frequency available on request.

(29) AIRSPACE

Information concerning Class B, C, and part–time D and E surface area airspace shall be published with effective times, if available.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D). Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part–time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:
AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS E:
or
AIRSPACE: CLASS D svc "times" other times CLASS E.

When a part–time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700´ or 1200´ AGL and may be determined by consulting the relevant VFR Sectional or Terminal Area Charts. This will be formatted as:
AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS G, with CLASS E 700´ (or 1200´) AGL & abv:
or
AIRSPACE: CLASS D svc "times" other times CLASS G with CLASS E 700´ (or 1200´) AGL & abv:
or
AIRSPACE: CLASS E svc "times" other times CLASS G with CLASS E 700´ (or 1200´) AGL & abv.

NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part–time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part–time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.
Class E 700´ AGL (shown as magenta vignette on sectional charts) and 1200´ AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700´/1200´ AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

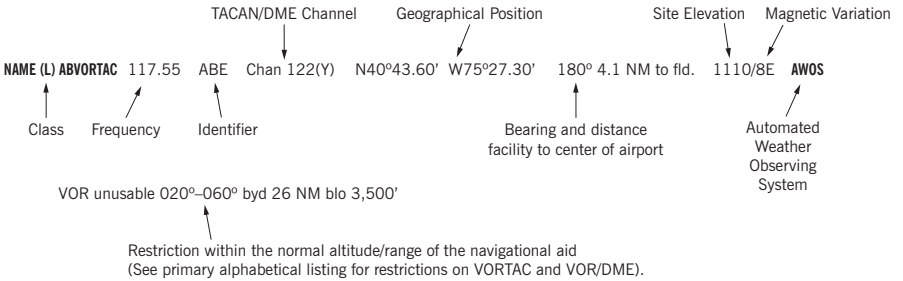
(30) VOR TEST FACILITY (VOT)

The VOT transmits a signal which provided users a convenient means to determine the operational status and accuracy of an aircraft VOR receiver while on the ground. Ground based VOTs and the associated frequency shall be shown when available. VOTs are also shown with identifier, frequency and referenced remarks in the VOR Receiver Check section in the back of this publication.

(31) RADIO AIDS TO NAVIGATION

The Airport/Facility Directory section of the Chart Supplement lists, by facility name, all Radio Aids to Navigation that appear on FAA, Aeronautical Information Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. All VOR, VORTAC, TACAN and ILS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as "NOTAM FILE IAD" and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS) and Automated Weather Observing System (AWOS) will be shown when this service is broadcast over selected NAVAIDs.

NAVAID information is tabulated as indicated in the following sample:



Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the "Y" mode to receive distance information.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part–time hours of operation will be shown.

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

SSV Class	Altitudes	Distance (NM)
(T) Terminal	1000´ to 12,000´	25
(L) Low Altitude	1000´ to 18,000´	40
(H) High Altitude	1000´ to 14,500´	40
	14,500´ to 18,000´	100
	18,000´ to 45,000´	130
	45,000´ to 60,000´	100

NOTE: Additionally, (H) facilities provide (L) and (T) service volume and (L) facilities provide (T) service. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility.

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB	Automatic Weather Broadcast.
DF	Direction Finding Service.
DME	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y)	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS	Glide slope.
H	Non–directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH	Non–directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H–SAB	Non–directional radio beacons providing automatic transcribed weather service.
ILS	Instrument Landing System (voice, where available, on localizer channel).
IM	Inner marker.
LDA	Localizer Directional Aid.
LMM	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH	Non–directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MM	Middle marker.
OM	Outer marker.
S	Simultaneous range homing signal and/or voice.
SABH	Non–directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF	Simplified Direction Facility.
TACAN	UHF navigational facility–omnidirectional course and distance information.
VOR	VHF navigational facility–omnidirectional course only.
VOR/DME	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC	Collocated VOR and TACAN navigational facilities.
W	Without voice on radio facility frequency.
Z	VHF station location marker at a LF radio facility.

ILS FACILITY PERFORMANCE CLASSIFICATION CODES

Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I–ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance Classification Code

FREQUENCY PAIRING TABLE

VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL
108.10	18X	108.55	22Y	111.05	47Y	114.85	95Y
108.30	20X	108.65	23Y	111.15	48Y	114.95	96Y
108.50	22X	108.75	24Y	111.25	49Y	115.05	97Y
108.70	24X	108.85	25Y	111.35	50Y	115.15	98Y
108.90	26X	108.95	26Y	111.45	51Y	115.25	99Y
109.10	28X	109.05	27Y	111.55	52Y	115.35	100Y
109.30	30X	109.15	28Y	111.65	53Y	115.45	101Y
109.50	32X	109.25	29Y	111.75	54Y	115.55	102Y
109.70	34X	109.35	30Y	111.85	55Y	115.65	103Y
109.90	36X	109.45	31Y	111.95	56Y	115.75	104Y
110.10	38X	109.55	32Y	113.35	80Y	115.85	105Y
110.30	40X	109.65	33Y	113.45	81Y	115.95	106Y
110.50	42X	109.75	34Y	113.55	82Y	116.05	107Y
110.70	44X	109.85	35Y	113.65	83Y	116.15	108Y
110.90	46X	109.95	36Y	113.75	84Y	116.25	109Y
111.10	48X	110.05	37Y	113.85	85Y	116.35	110Y
111.30	50X	110.15	38Y	113.95	86Y	116.45	111Y
111.50	52X	110.25	39Y	114.05	87Y	116.55	112Y
111.70	54X	110.35	40Y	114.15	88Y	116.65	113Y
111.90	56X	110.45	41Y	114.25	89Y	116.75	114Y
108.05	17Y	110.55	42Y	114.35	90Y	116.85	115Y
108.15	18Y	110.65	43Y	114.45	91Y	116.95	116Y
108.25	19Y	110.75	44Y	114.55	92Y	117.05	117Y
108.35	20Y	110.85	45Y	114.65	93Y	117.15	118Y
108.45	21Y	110.95	46Y	114.75	94Y	117.25	119Y

FREQUENCY PAIRING TABLE

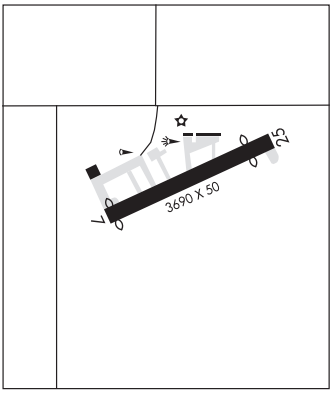
The following is a list of paired VOR/ILS VHF frequencies with TACAN channels.

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
2X	134.5	25X	108.80	36X	109.90	47X	111.00
2Y	134.55	25Y	108.85	36Y	109.95	47Y	111.05
11X	135.4	26X	108.90	37X	110.00	48X	111.10
11Y	135.45	26Y	108.95	37Y	110.05	48Y	111.15
12X	135.5	27X	109.00	38X	110.10	49X	111.20
12Y	135.55	27Y	109.05	38Y	110.15	49Y	111.25
17X	108.00	28X	109.10	39X	110.20	50X	111.30
17Y	108.05	28Y	109.15	39Y	110.25	50Y	111.35
18X	108.10	29X	109.20	40X	110.30	51X	111.40
18Y	108.15	29Y	109.25	40Y	110.35	51Y	111.45
19X	108.20	30X	109.30	41X	110.40	52X	111.50
19Y	108.25	30Y	109.35	41Y	110.45	52Y	111.55
20X	108.30	31X	109.40	42X	110.50	53X	111.60
20Y	108.35	31Y	109.45	42Y	110.55	53Y	111.65
21X	108.40	32X	109.50	43X	110.60	54X	111.70
21Y	108.45	32Y	109.55	43Y	110.65	54Y	111.75
22X	108.50	33X	109.60	44X	110.70	55X	111.80
22Y	108.55	33Y	109.65	44Y	110.75	55Y	111.85
23X	108.60	34X	109.70	45X	110.80	56X	111.90
23Y	108.65	34Y	109.75	45Y	110.85	56Y	111.95
24X	108.70	35X	109.80	46X	110.90	57X	112.00
24Y	108.75	35Y	109.85	46Y	110.95	57Y	112.05

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
58X	112.10	77X	113.00	96X	114.90	115X	116.80
58Y	112.15	77Y	113.05	96Y	114.95	115Y	116.85
59X	112.20	78X	113.10	97X	115.00	116X	116.90
59Y	112.25	78Y	113.15	97Y	115.05	116Y	116.95
60X	133.30	79X	113.20	98X	115.10	117X	117.00
60Y	133.35	79Y	113.25	98Y	115.15	117Y	117.05
61X	133.40	80X	113.30	99X	115.20	118X	117.10
61Y	133.45	80Y	113.35	99Y	115.25	118Y	117.15
62X	133.50	81X	113.40	100X	115.30	119X	117.20
62Y	133.55	81Y	113.45	100Y	115.35	119Y	117.25
63X	133.60	82X	113.50	101X	115.40	120X	117.30
63Y	133.65	82Y	113.55	101Y	115.45	120Y	117.35
64X	133.70	83X	113.60	102X	115.50	121X	117.40
64Y	133.75	83Y	113.65	102Y	115.55	121Y	117.45
65X	133.80	84X	113.70	103X	115.60	122X	117.50
65Y	133.85	84Y	113.75	103Y	115.65	122Y	117.55
66X	133.90	85X	113.80	104X	115.70	123X	117.60
66Y	133.95	85Y	113.85	104Y	115.75	123Y	117.65
67X	134.00	86X	113.90	105X	115.80	124X	117.70
67Y	134.05	86Y	113.95	105Y	115.85	124Y	117.75
68X	134.10	87X	114.00	106X	115.90	125X	117.80
68Y	134.15	87Y	114.05	106Y	115.95	125Y	117.85
69X	134.20	88X	114.10	107X	116.00	126X	117.90
69Y	134.25	88Y	114.15	107Y	116.05	126Y	117.95
70X	112.30	89X	114.20	108X	116.10		
70Y	112.35	89Y	114.25	108Y	116.15		
71X	112.40	90X	114.30	109X	116.20		
71Y	112.45	90Y	114.35	109Y	116.25		
72X	112.50	91X	114.40	110X	116.30		
72Y	112.55	91Y	114.45	110Y	116.35		
73X	112.60	92X	114.50	111X	116.40		
73Y	112.65	92Y	114.55	111Y	116.45		
74X	112.70	93X	114.60	112X	116.50		
74Y	112.75	93Y	114.65	112Y	116.55		
75X	112.80	94X	114.70	113X	116.60		
75Y	112.85	94Y	114.75	113Y	116.65		
76X	112.90	95X	114.80	114X	116.70		
76Y	112.95	95Y	114.85	114Y	116.75		

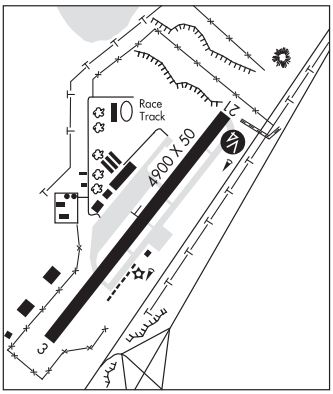
(32) **COMM/NAV/WEATHER REMARKS:** These remarks consist of pertinent information affecting the current status of communications, NAVAIDs, weather, and in the absence of air-ground radio outlets identified in the Communications section some approach control facilities will have a clearance delivery phone number listed here.

ABERDEEN MUNI (U36) 2 SW UTC–7(–6DT) N42º55.27´ W112º52.85´ **SALT LAKE CITY L–11C**
4474 B NOTAM FILE BOI
RWY 07–25: H3690X50 (ASPH) MIRL 0.8% up W
RWY 07: Thld dsplcd 142´. Road.
RWY 25: Thld dsplcd 512´. Fence.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–3690 TODA–3690 ASDA–3466 LDA–3324
RWY 25: TORA–3458 TODA–3458 ASDA–3624 LDA–3112
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended Jan–Dec, Mon–Sun dalgt hrs. Considerable agriculture ops during growing season. Irregular winter maintenance. +30´ sprinkler and terrain at 230´ from southwest end of rwy may be in position
AIRPORT MANAGER: 208-221-2211
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.
POCATELLO (H) VORW/DME 112.6 PIH Chan 73 N42º52.22´ W112º39.13´ 270º 10.5 NM to fld. 4433/17E.
VOR unusable:
060º–130º byd 25 NM blo 13,500´
DME unusable:
060º–130º byd 25 NM blo 17,000´
160º–175º byd 25 NM blo 13,000´



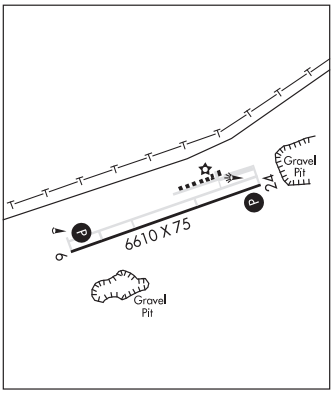
ALLEN H TIGERT (See SODA SPRINGS on page 70)

AMERICAN FALLS (UØ1) 2 NE UTC–7(–6DT) N42º47.84´ W112º49.51´ **SALT LAKE CITY L–11C**
4419 B NOTAM FILE BOI
RWY 03–21: H4900X50 (ASPH) MIRL
RWY 03: Fence.
RWY 21: TRCV(TRIL)—GA 3.5º TCH 50´. Hill.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 03–21 and TRCV Rwy 21—CTAF.
AIRPORT REMARKS: Attended 1500–0100Z‡. Frequent helicopter ops year around. No line of sight between rwy ends. Irregular snow removal.
AIRPORT MANAGER: (208) 242-9906
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.
POCATELLO (H) VORW/DME 112.6 PIH Chan 73 N42º52.22´ W112º39.13´ 223º 8.8 NM to fld. 4433/17E.
VOR unusable:
060º–130º byd 25 NM blo 13,500´
DME unusable:
060º–130º byd 25 NM blo 17,000´
160º–175º byd 25 NM blo 13,000´



ANTELOPE VALLEY (See MOORE on page 57)

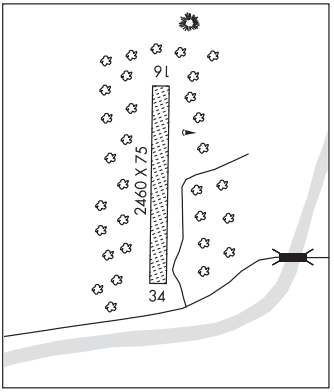
ARCO–BUTTE CO (AOC)(KAOC) 3 SW UTC–7(–6DT) N43°36.21´ W113°20.06´ **SALT LAKE CITY**
5335 B NOTAM FILE BOI **H–3D, L–11C**
RWY 06–24: H6610X75 (ASPH) S–300 MIRL **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40´.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40´. P–line.
SERVICE: FUEL 100LL **LGT** PAPI Rwy 06 & 24 OTS indef. ACTIVATE MIRL Rwy 06–24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF.
AIRPORT REMARKS: Attended 1500–0300Z‡. Fuel 100LL only avail when attended. Please call mgr on duty; phone number listed on the door of the office. All incoming and departing traffic should use a left hand (LH) traffic pattern; pattern altitude is 1000´ AGL.
AIRPORT MANAGER: (208) 227-4646
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.
POCATELLO (H) VORW/DME 112.6 PIH Chan 73 N42°52.22´ W112°39.13´ 309° 53.2 NM to fld. 4433/17E.
VOR unusable:
060°–130° byd 25 NM blo 13,500´
DME unusable:
060°–130° byd 25 NM blo 17,000´
160°–175° byd 25 NM blo 13,000´



ASHTON N44°33.75´ W111°26.68´ **SALT LAKE CITY**
RCO 122.2 (BOISE RADIO) **L–13C**

ATLANTA

ATLANTA (55H) 1 NW UTC–7(–6DT) N43°48.81´ W115°08.10´ **SALT LAKE CITY**
5500 NOTAM FILE BOI
RWY 16–34: 2460X75 (TURF–DIRT)
RWY 16: Tree.
RWY 34: Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. No winter maintenance. Rcmdd for use by mt proficient pilots using proper, high per acft. Arpt is lctd in mtus area; high timbered ridges all arnd arpt lmt mnvrg area. Ldg Rwy 34, dep Rwy 16. Apch arpt fm the SE (valley/city) making RB and final for Rwy 16. Be aware of nrby pvt Greene arpt (0.7 mi to the E) and chk for tfc. Depart with rgt turnout down Boise River. Announce Intentions on 122.9. No go–around due to rising terrain and trees. Rwy 16–34 edges and Rwy 34 thld marked with white rocks. Rwy 16 thld not defined. Ground vehicle tfc has access to rwy. No telephone avbl at arpt.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.



GRAHAM USFS (U45) 11 NW UTC–7(–6DT) N43°57.31´ W115°16.36´ **SALT LAKE CITY**
5726 NOTAM FILE BOI
RWY 18–36: 2900X50 (TURF)
RWY 18: Trees.
RWY 36: Road.
AIRPORT REMARKS: Unattended. Big game animals on and invof arpt. No winter maintenance. Recommend ldg Rwy 36, tkf Rwy 18 when wind conditions allow. No line of sight between rwy ends. Rwy end 18–first 300´ of rwy is soft and unusable during early spring. Rwy 18–36 thlds marked with white painted rocks. No telephone avbl at arpt.
AIRPORT MANAGER: (208) 392-6681
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WEATHERBY USFS (52U) 9 NW UTC–7(–6DT) N43°49.51´ W115°19.88´ **SALT LAKE CITY**
4503 NOTAM FILE BOI
RWY 03–21: 2200X60 (TURF–DIRT) 0.4% up NE
RWY 03: Tree.
RWY 21: Tree.
AIRPORT REMARKS: Unattended. No winter maintenance. Arpt located in narrow river canyon subject to local turbulence caused by the terrain configuration. Recommended ldg Rwy 03, tkf Rwy 21 when wind conditions allow. Rwy 03–21 thlds and edges marked with painted rocks. No telephone avbl at arpt.
AIRPORT MANAGER: 208 392 6681
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

ATOMIC CITY

BIG SOUTHERN BUTTE (U46) 10 W UTC–7(–6DT) N43°25.96´ W113°03.33´ **SALT LAKE CITY**
5073 NOTAM FILE BOI
RWY 01–19: 2600X110 (DIRT)
RWY 01: Ground.
RWY 19: Road.
AIRPORT REMARKS: Unattended. No winter maintenance. Livestock on and invof arpt. Rwy 01–19 sfc may be poor due to damage by livestock, ground vehicles and rodents. Rwy 01–19 +1.5´ berm and –1´ ditch adjacent to entire perimeter of rwy. Rwy 01–19 edges and thlds marked with white rock.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

COXS WELL (U48) 23 SW UTC–7(–6DT) N43°13.07´ W113°13.65´ **SALT LAKE CITY**
5048 NOTAM FILE BOI
RWY 07–25: 2700X100 (TURF) 0.7% up E
RWY 07: Road.
RWY 25: Fence.
AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 07–25 sfc may be poor due to damage by livestock, ground vehicles and rodents. Rwy 07–25 edges and thlds marked with white rock.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MIDWAY (U37) 1 NE UTC–7(–6DT) N43°27.22´ W112°48.44´ **SALT LAKE CITY**
5017 NOTAM FILE BOI
RWY 02–20: 3800X175 (GRVL)
RWY 02: Road.
RWY 20: Road. Rgt tfc.
AIRPORT REMARKS: Unattended. No winter maintenance. First 1500´ of Rwy 02 is dirt, remainder is grvl. Rwy 02–20 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BANCROFT MUNI (U51) 1 E UTC–7(–6DT) N42°43.25´ W111°52.05´ **SALT LAKE CITY**
5435 NOTAM FILE BOI
RWY 07–25: 3280X30 (GRVL)
RWY 07: Road.
RWY 25: Road.
AIRPORT REMARKS: Unattended. CAUTION: Unmarked turf crosswind ldg area located SE adjacent to rwy. No winter maintenance.
AIRPORT MANAGER: (208) 221-9522
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BEAR LAKE CO (See PARIS on page 62)

BEAR TRAP (See MINIDOKA on page 57)

BERNARD USFS (U54) 0 NE UTC–7(–6DT) N44º58.78´ W114º44.09´ **GREAT FALLS**
3626 NOTAM FILE BOI
RWY 17–35: 1900X150 (TURF–DIRT)
RWY 17: Tree.
RWY 35: Hill.
AIRPORT REMARKS: Unattended. No winter maintenance. No telephone avbl at arpt. Recommend land Rwy 35 and tkf Rwy 17; no touch and go ldg or stop and go ldgs; go arounds not recommended due to steep rising terrain off north end of Rwy 17. Rwy 17–35 middle portion of rwy rough and uneven entire length. Rwy 17–35 NSTD, rwy edges and thlds marked with white rock markers. Flying B pvt arpt lctd 1/2 mile upstream.
AIRPORT MANAGER: 208-756-5554
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BIG BAR (See LUCILE on page 54)

BIG CREEK (U6Ø) 0 NE UTC–7(–6DT) N45º07.99´ W115º19.31´ **GREAT FALLS**
5743 NOTAM FILE BOI
RWY 01–19: 3550X110 (TURF)
RWY 01: Road.
RWY 19: Trees.
AIRPORT REMARKS: Unattended. Big game animals on and invof arpt. Open to ski equipped acft in winter; acft use sides of rwy dur ski ops. Recommend land to south, tkf to north when conditions allow. No winter maintenance. Be alert for sprinklers on rwy. Rwy 01–19 edges and thlds marked with white rock. No telephone avbl at arpt.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BIG CREEK RANGER STATION

CABIN CREEK USFS (IØ8) 17 E UTC–7(–6DT) N45º08.61´ W114º55.74´ **GREAT FALLS**
4289 NOTAM FILE BOI
RWY 02–20: 1750X40 (TURF–DIRT)
RWY 02: Tree.
RWY 20: Hill.
AIRPORT REMARKS: Unattended. Big game animals and livestock on and invof rwy. Land Rwy 02, tkf Rwy 20. Go around not possible due to high terrain at end of Rwy 20. Rwy 02–20 actual usbl rwy dimensions are: 1600 ft len x 15 ft wid; first 150 ft of Rwy end 02 is very ruf, overgrown wi weeds and unusbl. Not a straight rwy–slgt curve to the NE. Rwy 02–20 15 ft wide bare dirt strip down center of rwy. No telephone avbl at arpt. Rubber water bar strips on rwy.
AIRPORT MANAGER: 208-634-0600
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BIG SOUTHERN BUTTE (See ATOMIC CITY on page 32)

BLACKFOOT

MCCARLEY FLD (UØ2) 1 N UTC–7(–6DT) N43º12.55´ W112º20.98´ **SALT LAKE CITY L–11C IAP**

4492 B NOTAM FILE BOI

RWY 01–19: H4314X75 (ASPH) S–12.5 MIRL

RWY 01: PAPI(P2L)—GA 3.0º TCH 39´. Fence.

RWY 19: PAPI(P2L)—GA 3.25º TCH 39´. Tree.

SERVICE: S6 **FUEL** 100LL

AIRPORT REMARKS: Attended Mon–Sat 1500–0000Z‡. Bird activity on and invof Rwy 01 thld. Considerable air–gnd ops during growing season.

AIRPORT MANAGER: (208) 709-9719

COMMUNICATIONS: CTAF/UNICOM 122.8

SALT LAKE CENTER APP/DEP CON 128.35

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.

POCATELLO (H) VORW/DME 112.6 PIH Chan 73 N42º52.22´ W112º39.13´ 016º 24.3 NM to fld. 4433/17E.

VOR unusable:

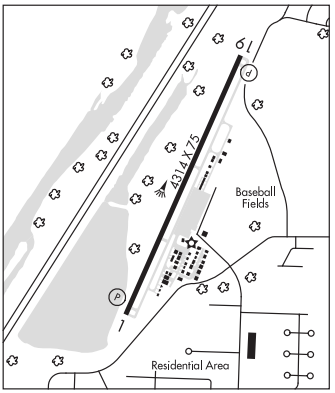
060º–130º byd 25 NM blo 13,500´

DME unusable:

060º–130º byd 25 NM blo 17,000´

160º–175º byd 25 NM blo 13,000´

IDAHO FALLS (H) VORW/DME 113.85 IDA Chan 85(Y) N43º31.14´ W112º03.84´ 199º 22.4 NM to fld. 4724/15E. NOTAM FILE IDA.



BLISS N42º54.99´ W114º47.05´ **SALT LAKE CITY L–11C**

RCO 122.4 (BOISE RADIO)

BOISE AIR TERMINAL/GOWEN FLD (BOI)(KBOI) P (ANG ARNG) 3 S UTC–7(–6DT) N43º33.86´ W116º13.37´ **SALT LAKE CITY H–1C, 3C, L–11B IAP, AD**

2872 B AOE Class I, ARFF Index C NOTAM FILE BOI

RWY 10L–28R: H10000X150 (ASPH–GRVD) S–100, D–210, 2S–175, 2D–446, 2D/2D2–947 PCN 105F/C/W/T HIRL

RWY 10L: REIL. PAPI(P4R)—GA 3.0º TCH 53´. Antenna. 0.5% up.

RWY 28R: PAPI(P4L)—GA 3.0º TCH 70´. Rgt tfc. 0.3% down.

RWY 10R–28L: H9763X150 (ASPH–GRVD) S–100, D–210, 2S–175, 2D–430, 2D/2D2–994 PCN 76 F/B/W/T HIRL CL

RWY 10R: ALSF2. TDZL. VASI(V4L)—GA 3.0º TCH 64´. RVR–TMR Rgt tfc. 0.5% up.

RWY 28L: MALSR. TDZL. VASI(V4L)—GA 3.0º TCH 50´. RVR–TMR

RUNWAY DECLARED DISTANCE INFORMATION

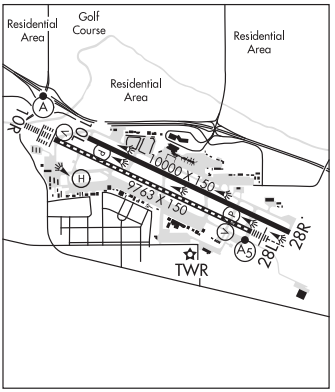
RWY 10L: TORA–10000 TODA–10000 ASDA–10000 LDA–10000

RWY 10R: TORA–9763 TODA–9763 ASDA–9763 LDA–9763

RWY 28L: TORA–9763 TODA–9763 ASDA–9763 LDA–9763

RWY 28R: TORA–10000 TODA–10000 ASDA–10000 LDA–10000

SERVICE: S4 **FUEL** 100LL, JET A+ **OX** 1, 2, 3, 4 **LGT** Arpt lgt sched dusk to dawn. **MILITARY— JASU** 1(MC–1M) 6(AM32A–60) 4(A/M32A–86) **FUEL** A++ (Mil), A, A+ (1300–0600Z‡Mon–Fri; 1300–0300Z‡ Sat–Sun and hol, call C208–338–1833, 25 min PN rqr, $90 fee.) (NC–100LL) **FLUID** PRESAIR **OIL** O–133–148(Mil) SOAP



AIRPORT REMARKS: Attended continuously. Extv helicopter ops sfc to 3500´ within 1 NM east and west and 5 NM south of Rwy 10R–28L. Moderate migratory bird activity within 5 NM of the arpt Oct–Mar. Security rqrs PPR with FBO due to locked gates and fencing btn hrs 0500–1400Z‡ for ingress/egress to arpt. Aerodrome offl bus only for all mil acft. Mandatory PPR required for all mil acft arr at KBOI–regardless of where acft is parking–prior to arr, nlt 72 hr if parking on ANG ramp at http://www.124thfighterwing.ang.af.mil/. Strictly enforced. PPR valid +/– 30 min. Tran acft rstd to str–in full stop only. In event of go–around or missed–apch exp rt tfc. All twys clsd to acft with wingspan over 147´ 1", exc with 1 hr PPR 208–972–8420. The arpt req flight crews parking on he coml ramp ctc gnd ctl on 121.7 MHZ prior to pushback. Twy A5 clsd to acft with wingspan ovr 55 ft, exc with 24 hr PPR (208–972–8420). Twy B east of Twy C clsd to acft with wingspan over 118´ when east arm/dearm pad is in use. Twy J north of Twy F clsd to acft with wingspan over 94´ when west arm/dearm pad is in use. Twy S clsd to acft with wingspan over 95 ft. Portions of Twy K and the southwest ramp not visible to twr. Flight Notification Service (ADCUS) avbl Mon–Fri 1500–0000Z‡, weekends if notified by Thur 0000Z‡.

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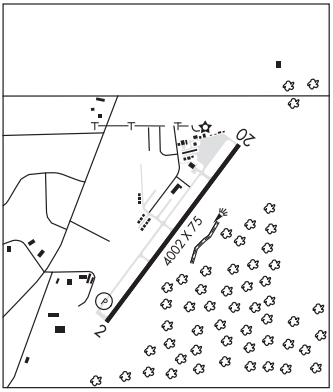
AIRPORT MANAGER: (208) 972-8420
WEATHER DATA SOURCES: ASOS (208) 388–4640
COMMUNICATIONS: D–ATIS 123.9 **UNICOM** 122.95
RCO 122.6 (BOISE RADIO)
® **BIG SKY APP/DEP CON** 119.6 (More than 15NM from BOI) 126.9 (Within 15NM of BOI)
TOWER 118.1 119.0 **GND CON** 121.7 **CLNC DEL** 125.9
AIRSPACE: CLASS C svc ctc **APP CON**.
VOR TEST FACILITY (VOT) 116.7
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
(H) VORTACW 113.3 BOI Chan 80 N43º33.17´ W116º11.53´ 280º 1.5 NM to fld. 2877/17E.
VOR portion unusable:
001º–044º byd 22 NM blo 11,000´
001º–044º byd 32 NM blo 14,500´
045º–071º byd 32 NM blo 12,500´
072º–084º byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010º–060º byd 12 NM blo 13,000´
010º–060º byd 27 NM blo 15,500´
113º–155º byd 30 NM blo 7,000´
348º–010º byd 20 NM blo 13,000´
348º–010º byd 27 NM blo 15,500´
ILS/DME 111.1 I–BOI Chan 48 Rwy 10R. Class IIIE. DME unusable byd 33º right of LOC course.
ILS/DME 110.15 I–AAD Chan 38(Y) Rwy 28R. Class IE. DME unusable byd 12 NM blo 6,000´. Glideslope unusable byd 06 NM blo 4,700´. LOC unusable byd 12 NM blo 6,000´.

BONNERS FERRY

BOUNDARY CO (65S) 2 NE UTC–8(–7DT) N48º43.56´ W116º17.71´ **GREAT FALLS L–13B IAP**
2337 B NOTAM FILE BOI
RWY 02–20: H4002X75 (ASPH) S–25 MIRL 0.5% up NE
RWY 02: PAPI(P2L)—GA 3.5º TCH 37´.
RWY 20: Road.
SERVICE: S3 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTIVATE MIRL Rwy 02–20—CTAF. VASI Rwy 20 opr continuously.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡, Sat 1600–0000Z‡. Cold temperature airport. Altitude correction required at or below –7C.
AIRPORT MANAGER: 208-267-3711
WEATHER DATA SOURCES: AWOS–3PT 132.575 (208) 267–3995.
COMMUNICATIONS: CTAF/UNICOM 123.0
SEATTLE CENTER APP/DEP CON 123.95
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 326º 80.5 NM to fld. 6100/15E.
VOR portion unusable:
060º–090º byd 20 NM blo 9,500´



BOUNDARY CO (See BONNERS FERRY on page 35)

BROOKS SPB (See COEUR D'ALENE on page 40)

BRUCE MEADOWS (See STANLEY on page 71)

BUHL MUNI (UØ3) 2 W UTC–7(–6DT) N42º35.84´ W114º48.04´ **SALT LAKE CITY**
3663 B NOTAM FILE BOI **L–11C**

RWY 09–27: H3898X60 (ASPH) S–12.5 MIRL 1.4% up E
RWY 09: P–line.
RWY 27: Pole.

SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** ACTIVATE MIRL Rwy 09–27—CTAF.

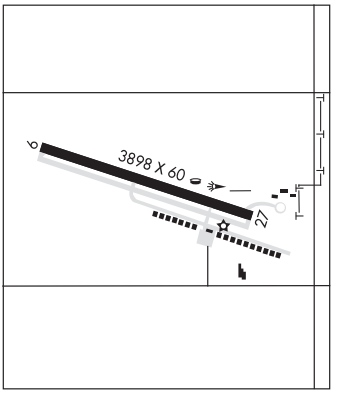
AIRPORT REMARKS: Attended Tue–Sat 1530–0000Z‡. Phone 208–731–3781 for svc when arpt unattended.

AIRPORT MANAGER: 208-961-6539

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Twin Falls Apch at 208-734-7160, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42º28.79´ W114º29.37´ 279º 15.5 NM to fld. 4140/18E.
VOR portion unusable:
115º–160º byd 30 NM blo 11,000´
115º–160º byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105º–160º byd 20 NM blo 15,000´



BURLEY MUNI (BYI)(KBYI) 1 NE UTC–7(–6DT) N42º32.56´ W113º46.29´ **SALT LAKE CITY**
4154 B NOTAM FILE BYI **L–11C**
IAP

RWY 02–20: H4092X80 (ASPH) S–43, D–60 MIRL 0.3% up SW
RWY 02: VASI(V4L)—GA 3.5º TCH 46´. Thld dsplcd 626´. Road.
RWY 20: REIL. VASI(V2R)—GA 3.0º TCH 37´. Thld dsplcd 305´. Stack.
RWY 06–24: H4072X75 (ASPH) S–23 MIRL
RWY 06: Thld dsplcd 796´. Railroad.
RWY 24: VASI(V2R)—GA 3.0º TCH 52´. Thld dsplcd 115´. Pole.

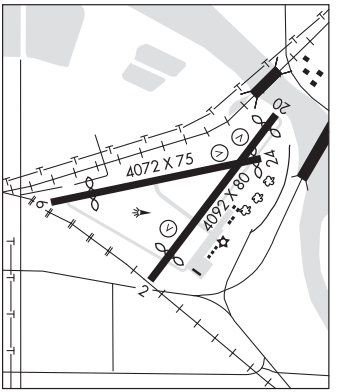
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT MIRL Rwy 02–20 and Rwy 06–24—CTAF (3 clicks to turn on). VASI Rwy 02 and Rwy 24 opr consly.

AIRPORT REMARKS: Attended May–Oct 1500–0000Z‡, Nov–Apr Mon–Fri 1500–0000Z‡, Nov–Apr wkends on call only 208–678–7118. For fuel sales ctc FBO. Nr on the FBO door. Birds invof all rwys, especially AER 20 and AER 24. AG activity on and invof all rwys Apr–Oct. Marked helipad on ramp in front of FBO bldg.

AIRPORT MANAGER: 208-678-0372

WEATHER DATA SOURCES: ASOS 135.575 (208) 677–3604.

COMMUNICATIONS: CTAF 122.9
CONNOR RCO 122.05 (BOISE RADIO)
TWIN FALLS APP/DEP CON 126.7 (1300–0400Z‡)
SALT LAKE CENTER APP/DEP CON 118.05 (0400–1300Z‡)



CLEARANCE DELIVERY PHONE: For CD ctc Twin Falls Apch at 208-734-7160, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.

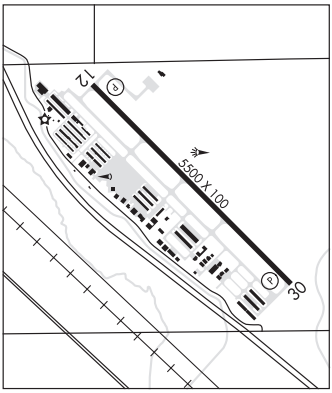
AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BYI.
(L) VORW/DME 114.1 BYI Chan 88 N42º34.81´ W113º51.95´ 100º 4.8 NM to fld. 4226/18E.
DME unusable:
125º–135º byd 35NM blo 15,000´

BURLEY N42º34.81´ W113º51.95´ NOTAM FILE BYI. **SALT LAKE CITY**
(L) VORW/DME 114.1 BYI Chan 88 100º 4.8 NM to Burley Muni. 4226/18E. **H–3D, L–11C**
DME unusable:
125º–135º byd 35NM blo 15,000´

CABIN CREEK USFS (See BIG CREEK RANGER STATION on page 33)

CALDWELL INDUSTRIAL (EUL)(KEUL) 3 SE UTC–7(–6DT) N43°38.51´ W116°38.15´ **SALT LAKE CITY**
2432 B NOTAM FILE EUL **H–1C, L–11B**
RWY 12–30: H5500X100 (ASPH) S–72, D–86, 2S–109 MIRL **IAP**
RWY 12: PAPI(P4L)—GA 3.0° TCH 42´. Road.
RWY 30: PAPI(P4L)—GA 3.0° TCH 45´. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 12–30—CTAF. PAPI Rwy 12 and Rwy 30 opr continuously.
AIRPORT REMARKS: Attended Mar–Oct 1500–0200Z‡, Nov–Feb 1500–0000Z‡. Parachute Jumping. Fuel avbl 24 hrs by credit card. Jet A from truck Mon–Sat 1500–2300Z‡. Call 208–453–8577 for Jet A and after hrs call out. Preferred parking for jet and large turboprop acft avbl on terminal apron on north side of rwy. Transient ramp preferred for use by training helicopters for launch and recovery. Preferred helicopter pattern SW of rwy. Rwy 12 calm wind rwy. + 363´ radio twr located 1.4 miles north of arpt.
AIRPORT MANAGER: 208-459-9779
WEATHER DATA SOURCES: AWOS–3PT 135.075 (208) 454–3953.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**BIG SKY APP/DEP CON** 119.6
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17´ W116°11.53´ 269° 20.1 NM to fld. 2877/17E.
VOR portion unusable:
001°–044° byd 22 NM blo 11,000´
001°–044° byd 32 NM blo 14,500´
045°–071° byd 32 NM blo 12,500´
072°–084° byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010°–060° byd 12 NM blo 13,000´
010°–060° byd 27 NM blo 15,500´
113°–155° byd 30 NM blo 7,000´
348°–010° byd 20 NM blo 13,000´
348°–010° byd 27 NM blo 15,500´



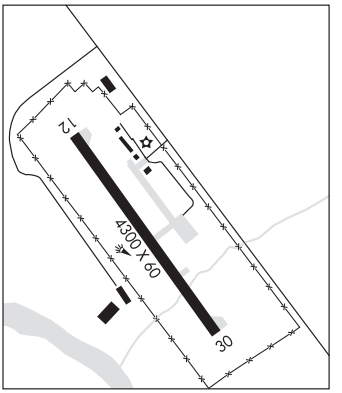
CAMAS CO (See FAIRFIELD on page 46)

CAREY

CAREY (U65) 0 E UTC–7(–6DT) N43°18.53´ W113°56.16´ **SALT LAKE CITY**
4789 NOTAM FILE BOI
RWY 08–26: 2650X170 (TURF) 0.3% up W
RWY 08: Fence.
RWY 26: Fence.
AIRPORT REMARKS: Unattended. Recommend land Rwy 26; tkof Rwy 08 when wind cond permit. Be alert for sprinklers on rwy. Rwy 08–26 edges and thlds marked with conc markers. 30 ft hngr & nmrs 30 to 80 ft trees at 900 ft to 1200 ft fm EOR 08.
AIRPORT MANAGER: 208-309-0319
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HOLLOW TOP (ØU7) 18 E UTC–7(–6DT) N43°19.43´ W113°35.43´ **SALT LAKE CITY**
5359 NOTAM FILE BOI
RWY 05–23: 2500X140 (TURF) 1.1% up NE
RWY 23: Road.
AIRPORT REMARKS: Unattended. No winter maintenance. Animals on and invof arpt. No line of sight btn rwy ends. Rwy 05–23 sfc may be poor due to damage by livestock, gnd vehicles and rodents. +3´ sagebrush adjacent to both edges of rwy. Rwy 05–23 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

CASCADE (U7Ø) 2 SE UTC–7(–6DT) N44º29.54´ W116º00.89´ **SALT LAKE CITY**
4748 B NOTAM FILE BOI **L–13B**
RWY 12–30: H4300X60 (ASPH) S–12.5 MIRL
RWY 30: Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTIVATE MIRL Rwy 12–30 and windsock lgts—CTAF.
AIRPORT REMARKS: Attended Dec–Apr 1600–0000Z‡, May–Nov 1500–0100Z‡. To avoid apch/dep over town, land Rwy 30 and depart Rwy 12 when wind cond permit. Retro reflective reflectors on twys and ramp edges. Rwy 12 +300 ft timbered rdg at 1.25 mis on cntrln.
AIRPORT MANAGER: 208-382-4844
COMMUNICATIONS: CTAF 122.9
RCO 122.35 (BOISE RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44º46.03´ W116º12.38´ 134º 18.4 NM to fld. 7333/19E.



CAVANAUGH BAY

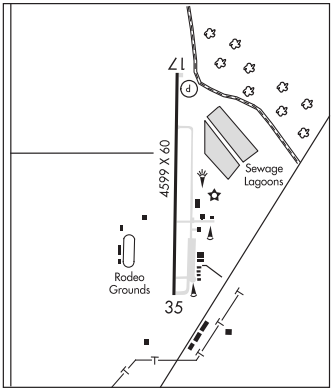
TANGLEFOOT SPB (D28) 1 NW UTC–8(–7DT) N48º32.33´ W116º49.93´ **GREAT FALLS**
2438 NOTAM FILE BOI
WATERWAY 15W–33W: 10000X2000 (WATER)
WATERWAY 15W: Rgt tfc.
SEAPLANE REMARKS: Attended Apr–Oct dawn–dusk. Tie downs avbl at floating docks, parking avbl on beach. Rwy 15–33 +5´ no wake buoy lctd in ldg area. Recommend ldg seaplane Waterway 15, dep seaplane Waterway 33, when winds permit. Cavanaugh Bay arpt lctd adj south, announce intentions—CTAF.
AIRPORT MANAGER: 208-650-2589
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

CAVANAUGH BAY (See COOLIN on page 42)

CAYUSE CREEK USFS (C64) 0 N UTC–7(–6DT) N46º40.00´ W115º04.39´ **GREAT FALLS**
3505 NOTAM FILE BOI
RWY 04–22: 1800X75 (TURF)
RWY 04: Tree.
RWY 22: Trees.
AIRPORT REMARKS: Unattended. Trees on apch both ends. Recommended ldg Rwy 22 and Rwy 04 if wx allows. Rwy 04 thlds marked with conc bar. Rwy 22 thlds marked with conc T. Recommended for use only to experienced pilots with early morning and late evening ops dur summer months. Big game animals and stock on and invof rwy. Arpt lctd 4 miles south of Old Kelly Creek Ranger Station. No winter maint.
AIRPORT MANAGER: 208-476-4541
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

CHALLIS

CHALLIS (LLJ)(KLLJ) 1 NE UTC–7(–6DT) N44º31.42´ W114º13.08´ **GREAT FALLS**
L–13B
5076 B NOTAM FILE LLJ
RWY 17–35: H4599X60 (ASPH) S–30 MIRL 1.6% up S
RWY 17: PAPI(P2L). Fence.
RWY 35: P–line.
SERVICE: S4 **FUEL** 100, JET A
AIRPORT REMARKS: Attended Mon–Fri 1400–0000Z‡. Deer on and invof arpt. Be alert helicopter ops adj southeast end of arpt. Rwy 17–35 recommend land Rwy 17, tkf Rwy 35 when wind cond permit.
AIRPORT MANAGER: (208) 833-4617
WEATHER DATA SOURCES: ASOS 119.275 (208) 879–5121. SAWRS.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.
SALMON (H) VORW/DME 113.5 LKT Chan 82 N45º01.28´ W114º05.05´ 178º 30.4 NM to fld. 9260/13E.



COUGAR RANCH (D47) 33 NW UTC–7(–6DT) N44º44.47´ W114º55.12´ **GREAT FALLS**
4277 NOTAM FILE BOI
RWY 02–20: 1400X20 (DIRT) 0.7% up S
RWY 02: Berm.
RWY 20: Ground.
AIRPORT REMARKS: No wint maint. Rcmd for use only by experienced pilots. Ery mrng and late eve ops durg summer months. Rcmd ldg Rwy 20 and tkof Rwy 02 if wnd conds allow. Be aware of inbd and obnd tfc to the W at neighboring Mahoney Creek USFS airport (0U3). Big game animals and stock on and invof rwy. Rwy end 20 has a 150 ft ovrn fm the bndry mkrs and trmts with an abrupt 100 ft drop off to the river. Rwy 02–20 has a fair sfc cond, it is very shrt (1400 ft) and the last 200 ft (Rwy end 02) has a dog leg twd the river. Rwy 02–20 thr edges mkd with W rock bndry mkrs.
AIRPORT MANAGER: 208 756 2271
COMMUNICATIONS: CTAF 122.9

LOWER LOON CREEK (C53) 30 SW UTC–7(–6DT) N44º48.52´ W114º48.52´ **GREAT FALLS**
4200 NOTAM FILE BOI
RWY 16–34: 1200X25 (TURF–DIRT) 1.2% up S
RWY 16: Fence.
RWY 34: Brush.
AIRPORT REMARKS: Unattended. Recommend land Rwy 16, dep Rwy 34 when wind cond allow. No winter maint. Rwy not marked. Arpt lctd on a plateau 50´ to 75´ abv the river. Lctd in narrow winding river canyon. Rodent activity adj both sides of rwy. Stock and big game animals invof rwy.
AIRPORT MANAGER: 208-756-2271
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MARBLE CREEK (ID8) 36 WNW UTC–7(–6DT) N44º46.41´ W114º59.12´ **GREAT FALLS**
4685 NOTAM FILE BOI
RWY 04–22: 1160X20 (TURF–DIRT)
RWY 04: Hill.
RWY 22: Trees.
AIRPORT REMARKS: No winter MAINT. Use at own risk; RWY is very SHRT and very challenging. RWY is not MKD. Trees & TRRN on APCH to both RWY ends. Big game animals & stock on and in VCNTY of RWY. RWY is a very SHRT & challenging strip due to HI RSG TRRN & trees; RCMD for use only by experienced & properly TRND backcounty pilots with the right EQPT suitable for this environment. Due to HI density ALT, ERY MRMG & late EVE OPS is RCMD DURG summer months. APT LCTD in DP canyon & is SRND by HI, timbered, MTOUS TRRN. RWY end 04 SFC COND is dominated by soft sandy soil for the first 350 FT–400 FT.
AIRPORT MANAGER: 208-756-2271
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 1-801-320-2568.

UPPER LOON CREEK USFS (U72) 26 NW UTC–7(–6DT) N44º35.49´ W114º49.39´ **GREAT FALLS**
5500 NOTAM FILE BOI
RWY 04–22: 2500X75 (TURF–DIRT)
RWY 04: Tree.
RWY 22: Trees.
AIRPORT REMARKS: Unattended. Recommend land Rwy 22, tkf Rwy 04 when wind cond permit. Trees and high terrain on both ends of Rwy 04–22, requires a steep approach. Rwy 04–22 numerous additional obstructions on apch to both rwy ends. No winter maint. Recommended for experienced mountain pilots only. Rwy 04–22 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-879-4101
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

CHAMBERLAIN GUARD STATION

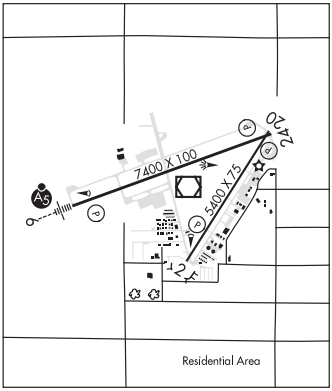
CHAMBERLAIN USFS (U79) 0 E UTC–7(–6DT) N45º22.74´ W115º11.81´ **GREAT FALLS**
5765 NOTAM FILE BOI
RWY 07–25: 4100X200 (TURF–DIRT)
RWY 07: Trees.
RWY 25: Tree.
RWY 15–33: 2700X140 (TURF)
RWY 15: Trees.
RWY 33: Trees.
AIRPORT REMARKS: Unattended. Rwy 07–25 rough sfc. Rwy 15–33 rough and uneven sfc. No twy avbl. Arpt subject to tmpry closure early spring due to soft rwys. Rwy 07–25 and Rwy 15–33 thlds marked and rwys outlined with yellow rocks. Rwy 15–33 has +2´ pipe and –2´ ditch across rwy North of Rwy 07–25 int; first 300´ of Rwy 33 clsd. No twy from Rwy 15–33 to campgrounds. Extv rodent activity on both rwys. No telephone avbl at arpt. Private Stone Breaker Arpt lctd 1 NM NE of Chamberlain USFS.
AIRPORT MANAGER: 208-634-0600
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

CHAMBERLAIN USFS (See CHAMBERLAIN GUARD STATION on page 40)

COEUR D'ALENE

BROOKS SPB (S76) 0 SW UTC–8(–7DT) N47º40.33´ W116º47.16´ **GREAT FALLS**
2125 NOTAM FILE BOI
WATERWAY 11W–29W: 15000X2000 (WATER)
WATERWAY 11W: Rgt tfc.
WATERWAY 15W–33W: 15000X2000 (WATER)
WATERWAY 15W: Rgt tfc.
SERVICE: FUEL 100LL
SEAPLANE REMARKS: Attended Mar–Oct 1700–dusk. Heavy boat tfc and parasail activity on and invof SPB ldg area. Fly pats over lake, do not overfly city. Helicopter ops invof SPB. Adjacent boat marina may have dock space avbl.
AIRPORT MANAGER: 208-664-2842
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522

COEUR D'ALENE – PAPPY BOYINGTON FLD (COE)(KCOE) P (AR) 9 NW UTC–8(–7DT) N47°46.46´ W116°49.18´ **GREAT FALLS H–1C, L–13B IAP, AD**
2320 B Class IV, ARFF Index A NOTAM FILE COE



RWY 06–24: H7400X100 (ASPH–GRVD) S–57, D–95, 2S–121, 2D–165
PCN 30 F/B/X/T HIRL 0.6% up NE
RWY 06: MALSR (NSTD) PAPI(P4R)—GA 3.0° TCH 57´.
RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 47´.
RWY 02–20: H5400X75 (ASPH–GRVD) S–50, D–83, 2S–105, 2D–150
PCN 21 F/B/X/T MIRL
RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 36´. Rgt tfc.
RWY 20: PAPI(P2L)—GA 3.0° TCH 37´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–5400 TODA–5400 ASDA–5400 LDA–5400
RWY 06: TORA–7400 TODA–7400 ASDA–7400 LDA–7400
RWY 20: TORA–5400 TODA–5400 ASDA–5400 LDA–5400
RWY 24: TORA–7400 TODA–7400 ASDA–7400 LDA–7400
SERVICE: S4 **FUEL** 100, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 06 NSTD MALSR, thld bar extends 5´ byd rwy edge lgts each side. ACTIVATE MIRL Rwy 02–20, HIRL Rwy 06–24, REIL Rwy 02 and Rwy 24, MALSR Rwy 06—CTAF. PAPI Rwy 02, Rwy 20, Rwy 06, and Rwy 24 opr continuously. **MILITARY— FUEL** (NC–100, A – Self svc after hr fone C208–772–6404, C208–661–4174, C208–661–7449, or C208–699–5433. Self–svc avbl with credit card.)
AIRPORT REMARKS: Attended 1500–0100Z‡. PJE in vcnty. Aft hrs fuel. Self svc avbl with credit card. 48 hr PPR for unscheduled ops with more than 30 pax seats call arpt mgr 208–446–1860. Rwy conds not mntd 0100–1500Z‡ dly. Migratory birds on and invof arpt Oct–Nov. Remote control airstrip is 2.3 miles west AER 06.
AIRPORT MANAGER: 208-446-1860
WEATHER DATA SOURCES: AWOS–3PT 135.075 (208) 772–8215.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.05 (BOISE RADIO)
Ⓡ**SPOKANE APP/DEP CON** 132.1
CLEARANCE DELIVERY PHONE: For CD if una ctc on 132.1 ctc Spokane Apch at 509-742-2522.
AIRSPACE: CLASS E svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE COE.
(T) VORW/DME 108.8 COE Chan 25 N47°46.42´ W116°49.24´ at fld. 2293/19E.
DME portion unusable:
220°–240° byd 15 NM
280°–315° byd 15 NM blo 11,000´
VOR unusable:
160°–170°
ILS 110.7 I–COE Rwy 06. Class ID. LOC unusable 25° left and right of course. Unmonitored.

MAGEE (S77) 23 NE UTC–8(–7DT) N47°50.49´ W116°15.12´ **GREAT FALLS**
3002 NOTAM FILE BOI
RWY 01–19: 2200X150 (TURF)
RWY 01: Hill.
RWY 19: Thld dsplcd 300´. Brush.
AIRPORT REMARKS: Unattended. Rwy 01–19 north 500´ clsd Apr 1–Jul 15. Rwy 01–19 first 300´ of north end very rough. Heavy snowmobile activity during winter months. Rwy 01–19 edges and thlds marked with white rocks. Recommend land Rwy 19, tkf Rwy 01 when wind conditions permit. No winter maintenance.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

COLD MEADOWS GUARD STATION

COLD MEADOWS USFS (U81) 0 NW UTC–7(–6DT) N45º17.61´ W114º56.72´ **GREAT FALLS**
7030 NOTAM FILE BOI
RWY 16–34: 4550X90 (TURF–DIRT) 0.5% up N
RWY 16: Trees.
RWY 34: Hill.
AIRPORT REMARKS: Unattended. No winter maintenance. Rodent activity on and in vicinity of arpt. Big game animals and livestock on and invof rwy. When wind conditions permit land Rwy 34 depart Rwy 16. Be advised U.S. Forestry Service recommends left turn down Cotton Wood Creek after departing Rwy 16. Rwy 34 125´ ridge at 350´ and 200´ left. Very high density altitude factor during summer months. Rwy 16–34 center 20´ portion of rwy length is DIRT. Rwy may be soft in early spring. Rubber water bar strips on rwy. Rwy 16 unpainted rock boundary markers. Rwy 16–34 South 3500´ very rough. No telephone avbl at arpt.
AIRPORT MANAGER: 208-634-0600
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

COLD MEADOWS USFS (See COLD MEADOWS GUARD STATION on page 42)

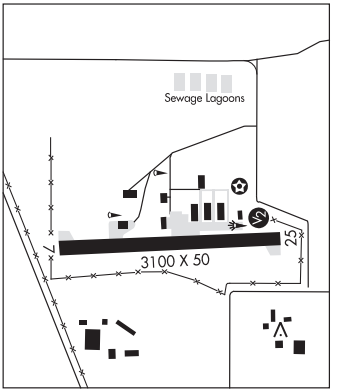
COOLIN

CAVANAUGH BAY (66S) 3 N UTC–8(–7DT) N48º31.12´ W116º49.33´ **GREAT FALLS**
2484 NOTAM FILE BOI
RWY 15–33: 3100X120 (TURF)
RWY 15: Tree. Rgt tfc.
RWY 33: Tree.
AIRPORT REMARKS: Attended Jun–Aug, Thu–Mon, 1600–0100Z‡. Watch for sprinklers on rwy. No line of sight between Rwy ends. Seaplane ops conducted in bay north and adjacent to arpt monitor CTAF. Rwy 15–33 edges and thlds marked with white rocks. No winter maintenance. Heavy snowmobiles activity during winter months.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

COPPER BASIN (See MACKAY on page 54)

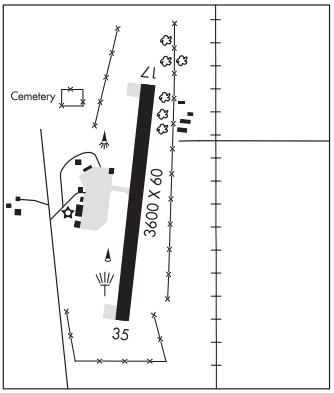
COTTONWOOD N46º04.15´ W116º27.97´
RCO 122.2 (BOISE RADIO)

COTTONWOOD MUNI (S84) 1 SE UTC–8(–7DT) N46º02.33´ W116º19.89´ **GREAT FALLS**
3474 B NOTAM FILE BOI **L–13B**
RWY 07–25: H3100X50 (ASPH) MIRL
RWY 07: Fence.
RWY 25: PVASI(PSIR)—GA 5.0º TCH 50´.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25, PVASI Rwy 25, rotating bcn and windsock lgts—CTAF.
AIRPORT REMARKS: Attended irregularly. Rwy 07–25 marked with numbers only.
AIRPORT MANAGER: (208) 507-0461
COMMUNICATIONS: CTAF 122.9
CASCADE RCO 122.35 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE ZSE.
(H) DME 115.65 IDQ Chan 103(Y) N46º03.93´ W116º27.89´ 106º 5.8 NM to fld. 5731/0E.
PULLMAN (L) VORW/DME 109.0 PUW Chan 27 N46º40.45´ W117º13.41´ 115º 53.2 NM to fld. 2772/20E. NOTAM FILE PUW. DME unmonitored.



COUGAR RANCH (See CHALLIS on page 39)

COUNCIL MUNI (U82) 1 NW UTC–7(–6DT) N44º45.02´ W116º26.70´ **GREAT FALLS**
2963 B NOTAM FILE BOI **L–13B**
RWY 17–35: H3600X60 (ASPH) S–12.5 MIRL
RWY 17: Brush.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 17–35—CTAF.
AIRPORT REMARKS: Unattended. Arpt surrounded by mountains all quadrants.
AIRPORT MANAGER: (208) 253-4201
COMMUNICATIONS: CTAF/UNICOM 122.8
CASCADE RCO 122.35 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44º46.03´ W116º12.38´ 245º 10.3 NM to fld. 7333/19E.



COXS WELL (See ATOMIC CITY on page 32)

CRAIGMONT MUNI (S89) 0 N UTC–8(–7DT) N46º14.86´ W116º28.76´ **GREAT FALLS**
3805 B NOTAM FILE BOI
RWY 07–25: H2800X50 (ASPH) MIRL
RWY 25: Thld dsplcd 300´. Ground.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25 and bcn—CTAF.
AIRPORT REMARKS: Unattended. Arpt CLOSED after heavy snowfall. Recommend ldg Rwy 25, departing Rwy 07, when wind cond permit. Rwy 25 thld dsplcd 300´ at ngt, marked with dsplcd thld lights and rwy markings.
AIRPORT MANAGER: 208-791-7502
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

DIXIE

DIXIE USFS (AØ5) 3 SW UTC–8(–7DT) N45º31.24´ W115º31.06´ **GREAT FALLS**
5148 NOTAM FILE BOI
RWY 18–36: 4500X100 (TURF)
RWY 18: Trees.
RWY 36: Hill.
AIRPORT REMARKS: Unattended. Airstrip is lctd in high timber mountain basin. Recommend ldg Rwy 36 when wind cond permit. Recommend dep Rwy 18, make rgt turn down Crooked Creek after dep. No winter maint. No telephone avbl at arpt. Rwy 18–36 thlds marked with beams painted white. Ongoing rodent damage midfld.
AIRPORT MANAGER: 208-983-9571
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

WILSON BAR USFS (C48) 8 S UTC–8(–7DT) N45º23.80´ W115º29.00´ **GREAT FALLS**
2275 NOTAM FILE BOI
RWY 06–24: 1500X50 (TURF–DIRT)
RWY 06: Brush.
RWY 24: Trees.
AIRPORT REMARKS: Unattended. Big game animals on and invof arpt. No winter maint. Land Rwy 24, dep Rwy 06, no go around possible. Downdrafts prevalent on apch to Rwy 24. Recommend for use by mountain proficient pilots using high performance acft. Thld Rwy 24 marked with white painted rocks. Mackay Bar Pvt Arpt 2 miles downriver.
AIRPORT MANAGER: 208-983-9571
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

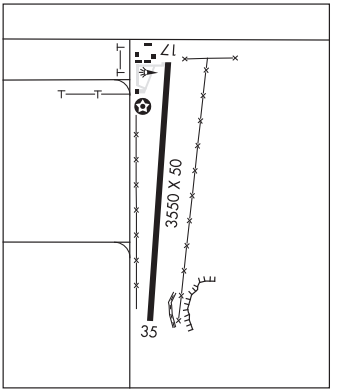
DONALD D COSKI MEM (See DONNELLY on page 44)

DONNELLY

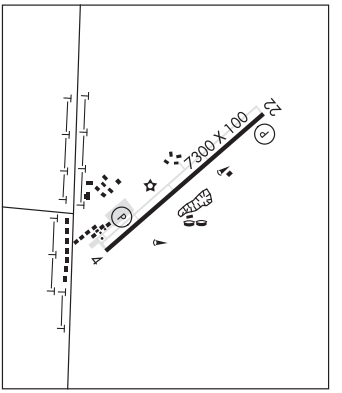
DONALD D COSKI MEM (U84) 1 W UTC–7(–6DT) N44º43.74´ W116º05.56´ **GREAT FALLS**
4860 NOTAM FILE BOI
RWY 18–36: 2500X125 (TURF)
RWY 18: Trees.
RWY 36: Trees.
AIRPORT REMARKS: Unattended. No winter maintenance. Recommend land Rwy 36 and take off Rwy 18 when wind conditions permit. No telephone avbl at arpt. Rwy 18–36 may not be mowed full width.
AIRPORT MANAGER: 208-325-8859
COMMUNICATIONS: CTAF 122.9
CASCADE RCO 122.35 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

DONNELLY N44º46.03´ W116º12.38´ NOTAM FILE MYL. **GREAT FALLS**
(H) VORW/DME 116.2 DNJ Chan 109 012º 8.6 NM to Mc Call Muni. 7333/19E. **H–1C, L–13B**

DOWNEY(HYDE MEM) (U58) 1 E UTC–7(–6DT) N42º25.45´ W112º06.57´ **SALT LAKE CITY**
4919 B NOTAM FILE BOI **L–11D**
RWY 17–35: H3550X50 (ASPH) LIRL 0.4% up S
RWY 17: Tank.
RWY 35: Road.
SERVICE: **LGT** For LIRL Rwy 17–35 and rot bcn—key 122.8 five times.
AIRPORT REMARKS: Unattended. Farm machinery to 20´ high may be lctd within 500´ of apch to Rwy 17. Ramp and twy apsh poor.
AIRPORT MANAGER: 208-317-5238
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.
MALAD CITY (H) VORW/DME 117.4 MLD Chan 121 N42º11.99´ W112º27.07´ 031º 20.3 NM to fld. 7330/17E.
VOR portion unusable:
157º–167º byd 25 NM blo 11,000´
DME portion unusable:
005º–025º byd 30 NM blo 14,000´
157º–167º byd 25 NM blo 11,000´



DRIGGS–REED MEM (DIJ)(KDIJ) 1 N UTC–7(–6DT) N43º44.56´ W111º05.81´ **SALT LAKE CITY**
6231 B TPA—See Remarks NOTAM FILE DIJ **H–3E, L–11D**
RWY 04–22: H7300X100 (ASPH) S–30, D–75 PCN 28 F/B/X/T MIRL 1.1% up NE **IAP**
RWY 04: PAPI(P4L)—GA 3.0º TCH 40´.
RWY 22: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Rgt tfc.
SERVICE: S6 **FUEL** 100LL, JET A+ **OX** 1, 2 **LGT** ACTIVATE REIL Rwy 22 and MIRL Rwy 04–22—CTAF. PAPI Rwys 04 and 22 opr continuously.
AIRPORT REMARKS: Attended Oct–May 1500–0000Z‡, Jun–Sep 1400–0200Z‡. After hrs call the FBO at 208–354–3100. Sailplane ops heavy dur summer months. TPA: Powered acft use rgt tfc to Rwy 22. Gliders utilize rgt tfc for Rwy 04 and left tfc for Rwy 22. 3000´ X 150´ turf ldg area marked with white cones btn Rwy 04–22 and twy ltd to tailwheel acft with wingspan 49´ or less.
AIRPORT MANAGER: (208) 715-0439
WEATHER DATA SOURCES: AWOS–3PT 120.775 (208) 354–6661.
COMMUNICATIONS: CTAF/UNICOM 122.7
SALT LAKE CENTER APP/DEP CON 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44º05.33´ W112º12.56´ 098º 52.5 NM to fld. 4920/15E.



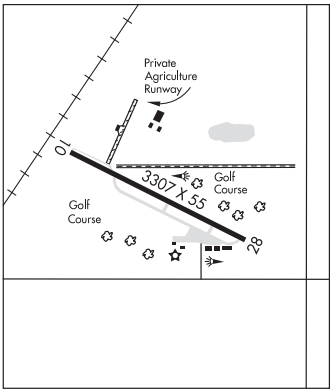
DUBOIS MUNI (U41) 1 SE UTC–7(–6DT) N44º09.74´ W112º13.24´ **SALT LAKE CITY**
5123 NOTAM FILE BOI
RWY 16–34: 4600X100 (GRVL–DIRT)
RWY 16: Road.
RWY 34: Rgt tfc.
AIRPORT REMARKS: Unattended. No winter maint. Rwy 16–34 is ctrd btn bdry markers. Rwy 16–34 cone bdry markers 125´ each side of rwy cntrln and wood panels across both thlds. Rwy 16 +6´ fence at 100´ and 250´ from thld on cntrln. +75´ steeple 1400´ from thld, 100´ left.
AIRPORT MANAGER: (208) 374-5458
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

DUBOIS N44º05.33´ W112º12.56´ NOTAM FILE BOI. **SALT LAKE CITY**
(H) VORTACW 116.9 DBS Chan 116 207º 19.1 NM to Mud Lake(West Jefferson Co). 4920/15E. **H–1D, L–11D**

ECKHART INTL (See PORTHILL on page 64)

ELK CITY (S9Ø) 0 SW UTC–8(–7DT) N45º49.36´ W115º26.39´ **GREAT FALLS**
4097 NOTAM FILE BOI
RWY 14–35: 2600X150 (TURF)
RWY 14: Trees.
RWY 35: Trees.
SERVICE: S2
AIRPORT REMARKS: Unattended. Land Rwy 14, tkf Rwy 35 when wind condition allow. Rwy 14–35 is a curved rwy. Rwy 14–35 50´ usable width. Rwy 14 thld is not defined. Rwy not maintained in winter.
AIRPORT MANAGER: (208) 842-2494
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

EMMETT MUNI (S78) 3 SW UTC–7(–6DT) N43º51.16´ W116º32.34´ **SALT LAKE CITY**
2354 B NOTAM FILE BOI **L–11B**
RWY 10–28: H3307X55 (ASPH) S–8 MIRL
RWY 28: Fence.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA–2934 TODA–2934
RWY 28: TORA–3107 TODA–3107
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs self serve credit card. Golf course on both sides of rwy. Golf course road crosses near Rwy 28 thld. Watch for golfers on rwy. 1800´x20´ pvt grvl AG rwy located adjacent NW of arpt. Rwy 28 dsplcd thld marked with white bar and white chevrons only. Rwy 10 dsplcd thld markings yellow.
AIRPORT MANAGER: (208) 365-9569
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
BOISE (H) VORTACW 113.3 BOI Chan 80 N43º33.17´ W116º11.53´ 303º 23.5 NM to fld. 2877/17E.
VOR portion unusable:
001º–044º byd 22 NM blo 11,000´
001º–044º byd 32 NM blo 14,500´
045º–071º byd 32 NM blo 12,500´
072º–084º byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010º–060º byd 12 NM blo 13,000´
010º–060º byd 27 NM blo 15,500´
113º–155º byd 30 NM blo 7,000´
348º–010º byd 20 NM blo 13,000´
348º–010º byd 27 NM blo 15,500´



FAIRFIELD

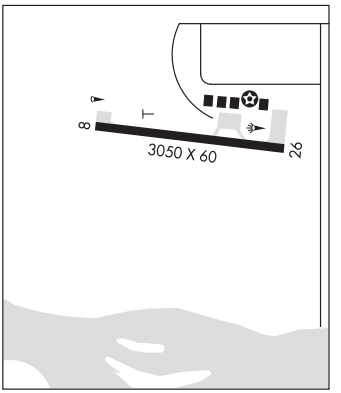
CAMAS CO (U86) 0 S UTC–7(–6DT) N43º20.51´ W114º47.90´ **SALT LAKE CITY**
5058 NOTAM FILE BOI
RWY 08–26: 2950X40 (DIRT)
RWY 08: Road. Rgt tfc.
RWY 26: Pole.
AIRPORT REMARKS: Unattended. Irregular winter maintenance and snow removal, check rwy condition before using.
AIRPORT MANAGER: (208) 720-9020
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

FISH LAKE (USFS) (S92) 0 E UTC–8(–7DT) N46º19.81´ W115º03.79´ **GREAT FALLS**
5646 NOTAM FILE BOI
RWY 05–23: 2650X50 (TURF)
RWY 05: Tree.
RWY 23: Trees.
AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 05–23 soft when wet. Elk wallows on rwy. Land Rwy 23, tkf Rwy 05. No touch and go ldgs or stop and go ldgs, go arounds not recommended due to steep rising terrain off west end of Rwy 05–23. Rwy 05–23 additional 400´ of length avbl for tkf on the end of Rwy 05. Down drafts prevalent over lake. Ctc USFS arpt manager 208–983–9677 for briefings and rwy conditions. Recommend early morning and late evening ops during summer months. Normally mowed to a usable width of 50´–75´. Rwy 23 end marked with concrete T marker and large w cones. Rwy 05 end marked with large w cones. No telephone avbl at arpt.
AIRPORT MANAGER: 208-983-9677
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

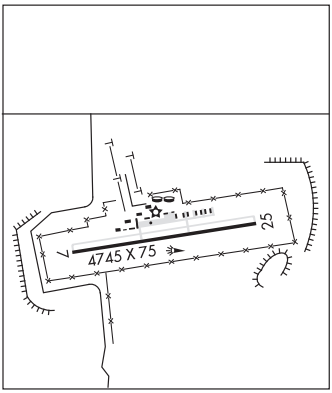
FRIEDMAN MEM (See HAILEY on page 48)

GARDEN VALLEY (U88) 2 SE UTC–7(–6DT) N44º04.02´ W115º55.88´ **SALT LAKE CITY**
3177 NOTAM FILE BOI
RWY 10–28: 3850X125 (TURF) 1.4% up E
RWY 10: Fence.
RWY 28: Fence.
AIRPORT REMARKS: Unattended. USFS heliport ops adjacent to SE end of arpt. Watch for sprinkler heads on rwy. Arpt located in mountain valley. No winter maintenance. Recommend ldg Rwy 10, tkf Rwy 28, if winds allow. Rwy 10–28 edges and thlds marked with white rocks. No telephone avbl at arpt.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9

GLENNS FERRY MUNI (U89) 1 SW UTC–7(–6DT) N42º56.62´ W115º19.81´ **SALT LAKE CITY**
2536 B NOTAM FILE BOI **L–11C**
RWY 08–26: H3050X60 (ASPH) MIRL
RWY 26: Trees.
SERVICE: **LGT** ACTIVATE rotating bcn, MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Unattended. Rwy 08–26 distance to go markers every 1000´ south side of rwy. Rwy 08–26 white reflectors on both edges of rwy, green reflectors on both thlds.
AIRPORT MANAGER: (208) 599-0081
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc MUO RAPCON at 208-828-6096 when opn. Salt Lake ARTCC at 801-320-2568 when clsd.
RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42º28.79´ W114º29.37´ 289º 46.4 NM to fld. 4140/18E.
VOR portion unusable:
115º–160º byd 30 NM blo 11,000´
115º–160º byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105º–160º byd 20 NM blo 15,000´



GOODING MUNI (GNG)(KGNG) 3 SW UTC–7(–6DT) N42°55.03´ W114°45.91´ **SALT LAKE CITY**
3732 B NOTAM FILE BOI **L–11C**
RWY 07–25: H4745X75 (ASPH) S–30 MIRL 1.4% up NE **IAP**
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** ACTIVATE MIRL Rwy 07–25—CTAF. 3 clicks medium ints–5 clicks high ints.
AIRPORT REMARKS: Attended 1500–0000Z‡. For arpt attendant after hrs call 208–539–5934 or 208–934–8298. Considerable helicopter ops.
AIRPORT MANAGER: (208) 539-5934
WEATHER DATA SOURCES: AWOS–3PT 124.175 (208) 934–4950.
COMMUNICATIONS: CTAF/UNICOM 122.8
BLISS RCO 122.4 (BOISE RADIO)
SALT LAKE CENTER APP/DEP CON 118.05
RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42°28.79´ W114°29.37´ 317° 28.9 NM to fld. 4140/18E.
VOR portion unusable:
115°–160° byd 30 NM blo 11,000´
115°–160° byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105°–160° byd 20 NM blo 15,000´



GRAHAM USFS (See ATLANTA on page 31)

GRANGEVILLE

IDAHO CO (GIC)(KGIC) 1 N UTC–8(–7DT) N45°56.56´ W116°07.38´ **GREAT FALLS**
3313 B NOTAM FILE BOI **H–1C, L–13B**
RWY 08–26: H5101X75 (ASPH) S–75, D–95, 2D–145 MIRL 0.5% up E **IAP**
RWY 08: REIL. Road.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 08—CTAF. MIRL Rwy 08–26 operates continuously.
AIRPORT REMARKS: Unattended. 24 hr self svc credit card fueling facility. Parachute activity May thru Aug. Wildlife in vicinity. Be aware mowing all sfcs. Considerable USFS fire retardant ops during summer months.
AIRPORT MANAGER: 208-983-1565
WEATHER DATA SOURCES: AWOS–3 118.175 (208) 983–0306.
COMMUNICATIONS: CTAF 122.8
Ⓡ**SEATTLE CENTER APP/DEP CON** 123.95
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44°46.03´ W116°12.38´ 344° 70.6 NM to fld. 7333/19E.

GRASMERE (U91) 0 S UTC–7(–6DT) N42°22.40´ W115°52.77´ **SALT LAKE CITY**
5144 NOTAM FILE BOI
RWY 05–23: 2750X150 (DIRT) 0.6% up SW
RWY 05: Fence.
AIRPORT REMARKS: Unattended. No winter maintenance. No telephone avbl at arpt. Rwy 05–23 sfc may be poor due to damage by livestock, ground vehicles and rodents. Rwy 05, 4´ fence at 90´ on centerline, 7´ road at 150´ on center, 65´ marked powerline at 900´ on centerline. Rwy 05–23 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HAILEY

FRIEDMAN MEM (SUN)(KSUN) 1 SE UTC–7(–6DT) N43°30.23´ W114°17.73´ **SALT LAKE CITY H–3D, L–11C IAP, AD**

5320 B ARFF Index—See Remarks NOTAM FILE SUN

RWY 13–31: H7550X100 (ASPH–GRVD) S–65, D–95, 2D–150

PCN 23 F/A/X/T HIRL 0.8% up NW

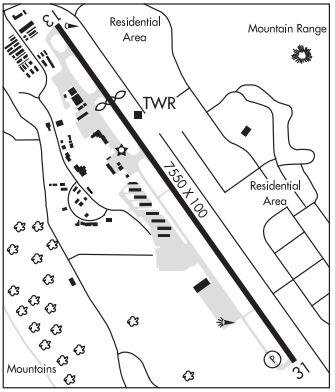
RWY 13: Thld dsplcd 1701´. Road.

RWY 31: PAPI(P4L)—GA 3.5° TCH 55´. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA–7150 TODA–7550 ASDA–7150 LDA–5450

RWY 31: TORA–5850 TODA–7550 ASDA–6631 LDA–6631



SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 3 **LGT** ACTIVATE HIRL Rwy 13–31—CTAF when twr clsd. PAPI Rwy 31 opr 24 hrs.

AIRPORT REMARKS: Attended dawn–dusk. Fuel avbl after dusk PPR 208–788–9511. Cold temperature airport. Altitude correction required at or below –14C. Class I, ARFF Index A. ARFF avbl 1400–0600Z‡. ATCT 275´ east of Rwy 13–31 cntrln. Afld sfc cond not monitored btn the hrs of 0600Z‡ and 1400Z‡. Bird activity southeast end Rwy 31. When twr clsd land Rwy 31 tkf Rwy 13 due to opposite direction tfc, use ldg lgts in tfc pat. Due to opposite tfc, apch Rwy 31 along east side of valley, depart Rwy 13 along west side of valley, show ldg lgt. Ctc aprt mgr 208–788–4956 or 208–720–5186 for NS ABTMT procedures. Rwy 13–31 ltd to acft not exceeding 95,000 lbs certificated max tkf weight, dual wheel acft with published max tkf weight exceeding 95,000 lbs must seek PPR at least 48 hrs in advance by submitting to arpt mgr a manufacturer´s acft svc change that installs a placard verifying acft is certificated for SUN with a max tkf weight of 95,000 lbs. PPR for all acft with published wingspan exceeding 100´. Not recommended for ngt use or in marginal wx by unfamiliar pilots due to mountainous terrain. Twys B5 and B6 rstd to acft with wingspans of 79´ or less (Acft Design Group II) only. PPR for all scheduled air carrier ops btn 0600–1300Z‡ call arpt mgr 208–788–4956. No locked brake turns. All tran parking ctc 208–788–9511. Ltd parking avbl for air carrier acft. Ldg fee for acft greater than 6,000 lbs. All tran helicopter parking ctl 208–720–5186 arpt ops; 208–788–9511 FBO for parking instructions. No dedicated helicopter parking pads exist.

AIRPORT MANAGER: 208-788-4956

WEATHER DATA SOURCES: AWOS–3 128.225 (208) 788–9213. LAWRS.

COMMUNICATIONS: CTAF 125.6 **ATIS** 128.225 (208) 788–2108 **UNICOM** 122.95

HAILEY RCO 122.4 (BOISE RADIO)

SALT LAKE CENTER APP/DEP CON 118.05

HAILEY TOWER 125.6 (1400–0600Z‡) **GND CON** 121.7

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BYI.

BURLEY (L) VORW/DME 114.1 BYI Chan 88 N42°34.81´ W113°51.95´ 323° 58.5 NM to fld. 4226/18E.

DME unusable:

125°–135° byd 35NM blo 15,000´

HAILEY NDB/DME (MHW) 220 HLE Chan 25 N43°19.79´ W114°14.62´ 335° 10.7 NM to fld. 4973/13E. NOTAM FILE SUN. NDB/DME unmonitored.

DME unusable:

080°–280°

280°–080° byd 12 NM

NDB unusable:

310°–350° byd 6 NM

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

MAGIC RESERVOIR (U93) 15 SW UTC–7(–6DT) N43°16.84´ W114°23.78´ **SALT LAKE CITY**

4844 NOTAM FILE BOI

RWY 04–22: 4000X100 (TURF–GRVL)

RWY 04: Road.

RWY 22: Fence.

RWY 10–28: 1750X100 (TURF) 0.4% up E

RWY 10: Sign.

RWY 28: Trees.

AIRPORT REMARKS: Unattended. No winter maintenance. When wind conditions allow, land Rwy 04 or Rwy 10, tkf Rwy 22 or Rwy 28 to avoid flying over resort area. Rwy 10–28 no line of sight between rwy ends. Rwy 04–22 edges and thld marked with white rocks. No telephone avbl at arpt.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HAILEY N43º19.79´ W114º14.62´ NOTAM FILE SUN. **SALT LAKE CITY**
NDB/DME (MHW) 220 HLE Chan 25 335º 10.7 NM to Friedman Mem. 4973/13E. NDB/DME unmonitored. **L–11C**
DME unusable:
080º–280º
280º–080º byd 12 NM
NDB unusable:
310º–350º byd 6 NM
RCO 122.4 (BOISE RADIO)

HAZELTON MUNI (U94) 1 S UTC–7(–6DT) N42º34.58´ W114º08.11´ **SALT LAKE CITY**
4172 NOTAM FILE BOI **L–11C**
RWY 06–24: H3163X50 (ASPH)
RWY 06: Bldg.
RWY 24: Road.
AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 06–24 no line of sight between rwy ends. Rwy 06–24 has a 300´ grvl stopway on northeast end.
AIRPORT MANAGER: (208) 308-3140
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Twin Falls Apch at 208-734-7160, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42º28.79´ W114º29.37´ 052º 16.7 NM to fld. 4140/18E.
VOR portion unusable:
115º–160º byd 30 NM blo 11,000´
115º–160º byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105º–160º byd 20 NM blo 15,000´

HENRY'S LAKE (See ISLAND PARK on page 51)

HOLLOW TOP (See CAREY on page 37)

HOMEDALE MUNI (S66) 0 SE UTC–7(–6DT) N43º36.88´ W116º55.28´ **SALT LAKE CITY**
2220 NOTAM FILE BOI
RWY 13–31: H2901X50 (ASPH) S–6
RWY 13: Thld dsplcd 280´. Tree.
RWY 31: Thld dsplcd 580´. Trees.
SERVICE: S1
AIRPORT REMARKS: Unattended. No telephone avbl at arpt.
AIRPORT MANAGER: 208-880-2719
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

HOWE (U97) 4 NW UTC–7(–6DT) N43º50.34´ W113º02.80´ **SALT LAKE CITY**
4930 NOTAM FILE BOI
RWY 13–31: 3800X25 (GRVL–DIRT)
RWY 13: Road.
RWY 31: Road.
AIRPORT REMARKS: Unattended. Arpt used heavily by spray planes during summer. +15´ to +20´ farm machinery may be parked on apch to Rwy 13, 230´ from end of rwy. Rwy 13–31 thlds defined with white blocks and reflectors.
AIRPORT MANAGER: (208) 227-4646
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

IDAHO CITY USFS (U98) 1 SW UTC–7(–6DT) N43º49.24´ W115º51.06´ **SALT LAKE CITY**
3920 NOTAM FILE BOI
RWY 04–22: 3400X50 (GRVL–DIRT)
RWY 04: Trees.
RWY 22: Trees.
AIRPORT REMARKS: Unattended. No winter maintenance. USFS helicopter ops during fire season. No telephone avbl at arpt. Recommend land Rwy 04, tkf Rwy 22 when wind conditions permit. West 700´ of rwy is turf, remainder is grvl. Rwy 04–22 edges and thlds marked with white rock.
AIRPORT MANAGER: (208) 392-6681
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

IDAHO CO (See GRANGEVILLE on page 47)

IDAHO FALLS RGNL (IDA)(KIDA) 2 NW UTC–7(–6DT) N43°30.82´ W112°04.25´ **SALT LAKE CITY H–3D, L–11D IAP, AD**

4744 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE IDA

RWY 03–21: H9002X150 (ASPH–GRVD) S–140, D–175, 2D–270 PCN 57 F/B/X/T HIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 50´. RVR–R

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 46´. RVR–T

RWY 17–35: H4051X75 (ASPH) S–43, D–58 PCN 7 F/B/X/T MIRL

RWY 17: PAPI(P2L)—GA 3.0° TCH 40´.

RWY 35: PAPI(P4L)—GA 3.5° TCH 45´. Antenna.

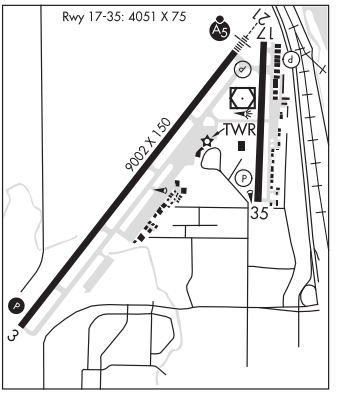
RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA–9002 TODA–9002 ASDA–9002 LDA–9002

RWY 17: TORA–4051 TODA–4051 ASDA–4051 LDA–4051

RWY 21: TORA–9002 TODA–9002 ASDA–9002 LDA–9002

RWY 35: TORA–4051 TODA–4051 ASDA–4051 LDA–4051



SERVICE: S4 **FUEL** 100LL, JET A1 **OX** 1, 2, 3, 4 **LGT** When ATCT clsd, ACTVT MALSR Rwy 21; REIL Rwy 03; PAPI Rwy 03; HIRL Rwy 03–21—CTAF.

AIRPORT REMARKS: Attended 1230–0430Z‡. On call 24 hrs phone 208–390–8746 or 208–390–3624. Sfc cond unmonitored 0600–1230Z‡. Self svc fuel east of Twy Bravo avbl 24 hrs. Flocks of birds and waterfowl on and invof arpt all year. Extv AG ops invof arpt. Acft ops be alert for possible incursions, no line of sight btn rwys. All commercial acft advise prior to pushback. 24 hrs PPR for unscheduled air carrier ops with more than 30 pax seats call arpt mgr 208–612–8224. TPA–6244 (1500) multi–engine/turbojet acft, 5744 (1000) single–engine acft, 5244 (500) rotorcraft. Rwy 17–35 tkof/ldg not authorized SS to SR exc when ATCT avbl. Rwy 21 and Rwy 17 apch ends in close proximity. Wrong rwy dep/arr risk. Check rwy alignment. Intersecting flt paths for Rwy 21 and Rwy 17 and Rwy 03 and Rwy 35. Freq veh tfc on east ramp adjacent to Twy B. When twr is clsd, Twy A btn Twy A1 and hold short line for Rwy 17 is clsd to protect Rwy 21 precision apchs.

AIRPORT MANAGER: (208) 612-8224

WEATHER DATA SOURCES: ASOS 135.325 (208) 524–4553. or 208–524–6048.

COMMUNICATIONS: CTAF 118.5 **ATIS** 135.325 (208) 524–6048 **UNICOM** 122.95

RCO 122.55 (BOISE RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 128.35

TOWER 118.5 (1400–0300Z‡) **GND CON** 121.7 **CLNC DEL** 121.7 128.35 (when twr clsd)

GCO 121.725

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS D svc 1400–0300Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IDA.

(H) VORW/DME 113.85 IDA Chan 85(Y) N43°31.14´ W112°03.84´ at fld. 4724/15E.

ILS/DME 111.1 I–IDA Chan 48 Rwy 21. Class IB.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr. IDA svc gnd com outlet cmsnd key freq 121.725: 2 times fuel dlvy; 4 times SLC ARTCC; 6 times BOI FSS; 8 times 911 dispatch svc when twr clsd.

INDIAN CREEK USFS (S81) 0 NE UTC–7(–6DT) N44°45.67´ W115°06.44´ **GREAT FALLS**

4718 NOTAM FILE BOI

RWY 04–22: 4650X40 (DIRT) 0.7% up SW

RWY 04: Tree.

RWY 22: Tree.

AIRPORT REMARKS: Unattended. No winter maintenance. Tfc observance invof Pistol Creek Arpt located 2.5 miles upstream. Be advised USFS recommends, when departing up or down stream remain in main canyon. Do not attempt to climb outside canyons. Rwy 04–22 edges and thlds marked with white rocks, Rwy 04–22 40´ usable width, rwy edge markers are 100´ apart. Rwy 04 has +12´ fence and terrain 0´ 60´ left; numerous trees to 100´ on left half of apch; +70´ trees 600´ on cntrln.

AIRPORT MANAGER: (208) 879-4102

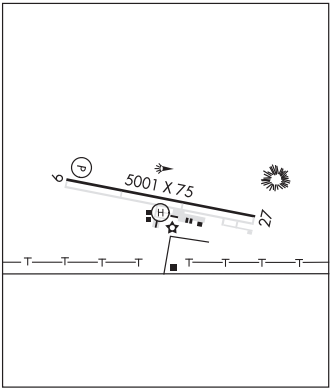
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

ISLAND PARK

HENRY'S LAKE (U53) 3 SE UTC–7(–6DT) N44º38.09´ W111º20.56´ **GREAT FALLS**
6596 NOTAM FILE BOI
RWY 06–24: 4600X170 (TURF)
RWY 06: Fence.
RWY 24: Fence. Rgt tfc.
AIRPORT REMARKS: Unattended. Livestock and big game animals have access to rwy dur fall, winter and spring. Do not leave acft unattended during these seasons. No winter maintenance. Rwy 06–24 edges and thlds marked with white rocks. Recommend land Rwy 06, tkf Rwy 24 when wind cond allow.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

JEROME CO (JER)(KJER) 3 E UTC–7(–6DT) N42º43.60´ W114º27.40´ **SALT LAKE CITY H–3D, L–11C IAP**
4053 B NOTAM FILE JER
RWY 09–27: H5001X75 (ASPH) S–20 MIRL 1.8% up E
RWY 09: PAPI(P4L)—GA 3.0º TCH 40´. Rgt tfc.
RWY 27: Fence.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. Twr 690´ AGL lctd 1.8 NM ENE of arpt. Reflectors on parallel twy.
AIRPORT MANAGER: (208) 308-3140
WEATHER DATA SOURCES: ASOS 135.225 (208) 324–7076.
COMMUNICATIONS: CTAF/UNICOM 122.8
TWIN FALLS APP/DEP CON 126.7 (1300–0400Z‡)
SALT LAKE CENTER APP/DEP CON 118.05 (0400–1300Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Twin Falls Apch at 208-734-7160, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42º28.79´ W114º29.37´ 348º 14.9 NM to fld. 4140/18E.
VOR portion unusable:
115º–160º byd 30 NM blo 11,000´
115º–160º byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105º–160º byd 20 NM blo 15,000´



JOHNSON CREEK (See YELLOW PINE on page 73)

JOSLIN FLD – MAGIC VALLEY RGNL (See TWIN FALLS on page 72)

KAMIAH MUNI (S73) 1 SE UTC–8(–7DT) N46º13.19´ W116º00.83´ **GREAT FALLS**
1206 NOTAM FILE BOI
RWY 14–32: 3000X90 (TURF) LIRL(NSTD) 0.3% up SE
RWY 14: Trees. Rgt tfc.
RWY 32: Fence.
SERVICE: **FUEL** 100LL **LGT** Rwy 14–32 NSTD LIRL begins 500´ from each apch end. ACTIVATE LIRL Rwy 14–32—CTAF.
AIRPORT REMARKS: Attended irregularly. Numerous obst on both rwy apchs. Downdrafts prevalent over river on Rwy 32 apch. Canadian geese on and invof arpt. Deer may be present on rwy at night. Not recommended tran pilots land after dark without first becoming familiar with arpt due to high terrain 0.5 mi from rwy. For rwy cond dur winter months call arpt mgr 208–935–0089.
AIRPORT MANAGER: 208-935-0089
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

KELLOGG

SHOSHONE CO (S83) 3 W UTC–8(–7DT) N47º32.84´ W116º11.34´ **GREAT FALLS H–1D, L–13B**

2227 B NOTAM FILE BOI

RWY 07–25: H5316X75 (ASPH) S–14 MIRL 0.4% up E

RWY 07: Tree. Rgt tfc.

RWY 25: Thld dsplcd 335´. Tree.

SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 07–25—CTAF.

AIRPORT REMARKS: Attended dalgt hrs.

AIRPORT MANAGER: 208-512-0532

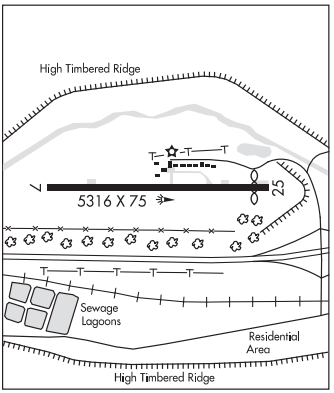
COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 269º 22.7 NM to fld. 6100/15E.

VOR portion unusable:
060º–090º byd 20 NM blo 9,500´



KETCHUM

TWIN BRIDGES (U61) 22 NE UTC–7(–6DT) N43º56.62´ W114º06.62´ **SALT LAKE CITY**

6900 NOTAM FILE BOI

RWY 18–36: 4450X100 (TURF–DIRT)

RWY 18: Hill.

RWY 36: Berm.

AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 18–36 –1´ ditch and +1´ – 2´ dirt berm entire perimeter of rwy. Arpt located in high mountain valley surrounded by high mountains. Be alert arpt subject to ongoing damage by livestock, ground vehicles and rodents. Rwy 18–36 edges and thlds marked with white rocks. Sug: Lnd Rwy 36 and tkof Rwy 18 if wx cond permit.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

KIMAMA

LAIDLAW CORRALS (U99) 12 N UTC–7(–6DT) N43º02.22´ W113º44.02´ **SALT LAKE CITY**

4448 NOTAM FILE BOI

RWY 07–25: 2250X130 (TURF) 0.9% up W

RWY 07: Hill.

RWY 25: Road.

AIRPORT REMARKS: Unattended. No winter maintenance. Rwy 07–25 sfc subject to ongoing damage by rodents, ground vehicles and livestock. Rwy 07–25 edges and thlds marked with white rocks. Rwy 25 +15´ road 30´–50´ left.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

KOOSKIA MUNI (S82) 1 S UTC–8(–7DT) N46º07.96´ W115º58.73´ **GREAT FALLS**

1263 NOTAM FILE BOI

RWY 14–32: 1900X100 (TURF)

RWY 14: Road.

RWY 32: Road.

AIRPORT REMARKS: Unattended. Geese on and invof arpt. Numerous obstructions in all quadrant around arpt. Rwy 14–32 width varies due to mowing and maintenance. Rwy 32 thld marked with red reflectors. Standing water present on the apch end of Rwy 14 during early Spring months.

AIRPORT MANAGER: 208-926-4751

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

KRASSEL USFS (See MC CALL on page 56)

LAIDLAW CORRALS (See KIMAMA on page 52)

LANDMARK USFS (ØUØ) 1 SE UTC–7(–6DT) N44º38.53´ W115º32.00´ **GREAT FALLS**
6662 NOTAM FILE BOI
RWY 16–34: 4000X100 (TURF–DIRT) 0.3% up S
RWY 16: Trees.
RWY 34: Tree.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. Wildlife on and invof arpt. No winter maintenance. No line of sight between rwy ends. Arpt located in high mountain valley surrounded by high terrain. Rwy 16–34 edges marked with white rock markers.
AIRPORT MANAGER: (208) 382-7400
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

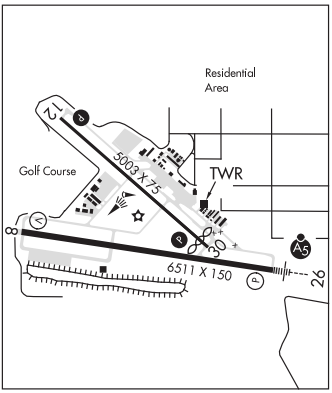
LEADORE (UØØ) 0 S UTC–7(–6DT) N44º40.39´ W113º21.15´ **GREAT FALLS**
6029 NOTAM FILE BOI
RWY 11–29: H3500X140 (ASPH–TURF) RWY LGTS(NSTD) 0.5% up E
RWY 11: Pole.
RWY 29: Fence.
RWY 16–34: 2903X90 (TURF) 1.4% up S
RWY 16: Pole.
RWY 34: Fence.
AIRPORT REMARKS: Unattended. Numerous buildings in apch to Rwy 11. Rwy 11–29 2300 ft by 50 ft asph beginning at Rwy 11 end. Rwy 16 –3´ road at 200´ on centerline, +30´ pole 250´ 60´ left, numerous other obstruction to +10´ at 100´ to 400´ in the apch zone. Agricultural irrigation equipment +15´ may be located within 50´ of rwy end 34. Rwy 11–29 surface very rough. Rwy 16–34 surface extremely rough. Rwy 11–29 NSTD rwy lgts. Rwy 11 last 1200´ not lgtd.
AIRPORT MANAGER: (208) 316-4521
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

LEE WILLIAMS MEM (See MIDVALE on page 57)

LEMHI CO (See SALMON on page 68)

LEWISTON

LEWISTON–NEZ PERCE CO (LWS)(KLWS) 2 S UTC–8(–7DT) N46º22.47´ W117º00.92´ **SEATTLE**
1442 B TPA—See Remarks Class I, ARFF Index A NOTAM FILE LWS MON Airport **H–1C, L–13B**
IAP, AD



RWY 08–26: H6511X150 (ASPH–GRVD) S–150, D–180, 2S–175, 2D–400 PCN 56 F/A/X/T HIRL
RWY 08: REIL. VASI(V4L)—GA 3.0º TCH 45´. Rgt tfc.
RWY 26: MALSR. PAPI(P4L)—GA 3.0º TCH 51´. Tree.
RWY 12–30: H5003X75 (ASPH–GRVD) S–118, D–196, 2S–119 PCN 47 F/A/X/T MIRL 1.4% up SE
RWY 12: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Rgt tfc.
RWY 30: PAPI(P2L)—GA 3.0º TCH 45´. Thld dsplcd 253´. Antenna.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–6511 TODA–6511 ASDA–6511 LDA–6511
RWY 12: TORA–5003 TODA–5003 ASDA–4750 LDA–4750
RWY 26: TORA–6511 TODA–6511 ASDA–6511 LDA–6511
RWY 30: TORA–5003 TODA–5003 ASDA–5003 LDA–4750
SERVICE: S4 **FUEL** 100, 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR Rwy 26; REIL Rwy 08; PAPI Rwy 12 and Rwy 30—CTAF. Rwy 12 PAPI unusbl byd 3.5 NM.
AIRPORT REMARKS: Attended 1330–0500Z‡. CLOSED to unscheduled air carrier ops with more than 30 pax seats 1500–0100Z‡ exc PPR call arpt mgr 208–746–4471 other times call station number 4, 208–743–0172. Frequent no radio AG acft activity invof arpt. TPA—Heavy and turbine powered acft 3002(1560) all others 2502(1060).
AIRPORT MANAGER: 208-748-9132
WEATHER DATA SOURCES: ASOS 135.575 (208) 746–4185. LAWRS.
COMMUNICATIONS: CTAF 119.4 **UNICOM** 122.95
RCO 122.35 (BOISE RADIO)
SEATTLE CENTER APP/DEP CON 123.95
TOWER 119.4 (1400–0600Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

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AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWS.
NEZ PERCE (L) VORW/DME 108.2 MQG Chan 19 N46°22.89´ W116°52.17´ 246° 6.1 NM to fld. 1734/20E. DME unmonitored.
VOR portion unusable:
075°–115° byd 20 NM blo 12,000´
115°–155° byd 25 NM blo 6,900´
280°–290° byd 20 NM blo 4,200´
290°–335° byd 25 NM blo 4,000´
ILS 109.7 I–LWS Rwy 26. Class IE. Unmonitored when ATCT clsd. Autopilot coupled approaches not authorized blo 2,500´.

SNAKE RIVER SPB (78U) 3 SW UTC–8(–7DT) N46°21.88´ W117°03.72´ **SEATTLE**
735 NOTAM FILE BOI
WATERWAY N–S: 3000X150 (WATER)
WATERWAY S: P–line.
SEAPLANE REMARKS: Attended Apr–Oct 1500Z‡–dusk and Nov–Mar irregularly. P–lines cross Snake River north, south above and below ldg area. Bridge across Snake River N of ldg area. Ldg area within Lewiston–Nez Perce County arpt tfc area, ctc Lewiston twr. Waterway N–S waterlane length and width varies. Heavy boat tfc in vicinity of spb. No beaching gear or mooring buoys avbl. Acft may dock at marina if space is aval.
AIRPORT MANAGER: 208-799-5015
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

LIBERATOR N42°58.96´ W115°46.46´ NOTAM FILE BOI. **SALT LAKE CITY**
(L) VORW 114.9 LIA 354° 9.1 NM to Mountain Home Muni. 2990/18E. **L–11B**

LOWER LOON CREEK (See CHALLIS on page 39)

LOWMAN

WARM SPRINGS CREEK (ØU1) 13 NE UTC–7(–6DT) N44°08.53´ W115°18.84´ **SALT LAKE CITY**
4831 NOTAM FILE BOI
RWY 02–20: 2850X135 (TURF)
RWY 02: Tree.
RWY 20: Trees.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. Recommend land Rwy 02, tkf Rwy 20, when wind conditions allow. No line of sight between rwy ends. No winter maintenance. Rwy 02–20 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

LUCILE

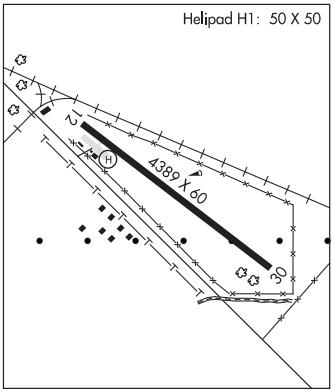
BIG BAR (1DA) 9 W UTC–8(–7DT) N45°32.07´ W116°31.86´ **SALT LAKE CITY**
1236 NOTAM FILE BOI
RWY 17–35: 1203X30 (TURF–DIRT)
RWY 17: Trees.
RWY 35: Hill.
AIRPORT MANAGER: 541-975-5418
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MACKAY

COPPER BASIN (ØU2) 12 SW UTC–7(–6DT) N43°48.12´ W113°49.89´ **SALT LAKE CITY**
7920 NOTAM FILE BOI
RWY 13–31: 4700X100 (TURF) 1.7% up SE
RWY 13: Road.
AIRPORT REMARKS: Unattended. No winter maintenance. Livestock and wildlife may be on and invof arpt. –1´ ditch adjacent to edges of rwy. Rwy 13–31 edges and thresholds marked with white rocks. Arpt located in high mountain valley surrounded by high mountains. Note: Density alt may exceed 10000´ during summer.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MACKAY (U62) 1 SE UTC–7(–6DT) N43°54.60´ W113°36.14´ **SALT LAKE CITY L–11C**
5892 NOTAM FILE BOI
RWY 12–30: H4389X60 (ASPH) 0.7% up NW
RWY 12: P–line.
RWY 30: Brush.
AIRPORT REMARKS: Unattended. Recommend land Rwy 30, depart Rwy 12 when winds permit. Rwy 12–30 very rough chip seal.
AIRPORT MANAGER: (208) 588-2824
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33´ W112°12.56´ 245° 61.3 NM to fld. 4920/15E.

HELIPAD H1: H50X50 (ASPH)
HELIPORT REMARKS: Square helipad located between rwy and parking area.

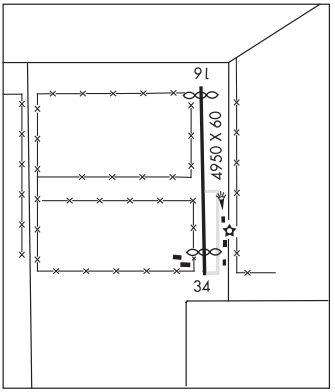


MAGEE (See COEUR D'ALENE on page 41)

MAGIC RESERVOIR (See HAILEY on page 48)

MAHONEY CREEK USFS (ØU3) 2 SE UTC–7(–6DT) N44°44.68´ W114°55.28´ **GREAT FALLS**
4618 NOTAM FILE BOI
RWY 04–22: 2150X15 (DIRT)
RWY 04: Hill.
RWY 22: Hill.
AIRPORT REMARKS: Unattended. Recommend ldg Rwy 22, tkf Rwy 04 when wind conditions allow. No winter maintenance. –1´ ditch located 20´ from centerline both sides of rwy. Rwy 04 NE end first 500´ extremely rough. Rwy 04–22 thlds and edges have white wood boundary markers, edge markers set at 65´ width. First 500´ of Rwy 22 has –1.5´ to –2´ deep holes.
AIRPORT MANAGER: 208-879-4106
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MALAD CITY (MLD)(KMLD) 3 SW UTC–7(–6DT) N42°10.23´ W112°17.36´ **SALT LAKE CITY L–11C**
4503 B NOTAM FILE MLD
RWY 16–34: H4950X60 (ASPH) MIRL
RWY 16: Thld dsplcd 150´.
RWY 34: Thld dsplcd 210´. P–line.
SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. For fuel call 208–221–9031. Gas pump is credit card opr. Rwy 16–34 asphalt has lots of longitudinal and transversal cracks; some up to 2 inch in width. Rwy edges are experiencing spider web type cracking. Rwy 16–34 no dsplcd thld arrows, marked by dsplcd thld lgts and thld painted bar. Asph pavement is 60 ft wide, 45 ft wide asph treated shoulders on each side of pavement. Reflectors on twy and ramp.
AIRPORT MANAGER: (208) 766-3314
COMMUNICATIONS: CTAF 122.9
RCO 122.65 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.
(H) VORW/DME 117.4 MLD Chan 121 N42°11.99´ W112°27.07´ 087° 7.4 NM to fld. 7330/17E.
VOR portion unusable:
157°–167° byd 25 NM blo 11,000´
DME portion unusable:
005°–025° byd 30 NM blo 14,000´
157°–167° byd 25 NM blo 11,000´



MALAD CITY N42º11.99´ W112º27.07´ NOTAM FILE MLD. **SALT LAKE CITY H–3D, L–11C**
(H) VORW/DME 117.4 MLD Chan 121 087º 7.4 NM to Malad City. 7330/17E.
VOR portion unusable:
157º–167º byd 25 NM blo 11,000´
DME portion unusable:
005º–025º byd 30 NM blo 14,000´
157º–167º byd 25 NM blo 11,000´
RCO 122.65 (BOISE RADIO)

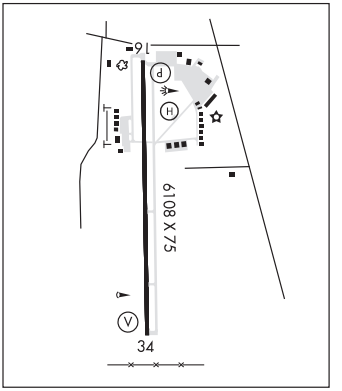
MARBLE CREEK (See CHALLIS on page 39)

MAY (ØU8) 1 NE UTC–7(–6DT) N44º36.62´ W113º53.69´ **GREAT FALLS**
5324 NOTAM FILE BOI
RWY 09–27: 4950X200 (TURF) 4.0% up E
RWY 09: Pole.
RWY 27: Fence.
AIRPORT REMARKS: Unattended. Recommend ldg Rwy 09, tkf Rwy 27, when wind conditions permit. No winter maintenance. Fence marker located on apch end of Rwy 27. Arpt located in high mountain valley surrounded by high terrain. Rwy 09–27 edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MC CALL

KRASSEL USFS (24K) 17 NE UTC–7(–6DT) N44º58.45´ W115º43.79´ **GREAT FALLS**
3982 NOTAM FILE BOI
RWY 17–35: 1500X150 (TURF)
RWY 17: Tree.
RWY 35: Trees.
AIRPORT REMARKS: Unattended. Extensive helicopter ops during Summer months. Marked pvt use helipad on arpt. Rwy 17–35 land Rwy 17, tkf Rwy 35 when wind conditions permit. Considerable rodent activity on rwy. +80´ to +120´ trees adjacent to both sides of rwy. Rwy 17–35 may not be mowed to full width. Rwy 17–35 rwy surface rough due to rodent holes.
AIRPORT MANAGER: 208-634-0600
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MC CALL MUNI (MYL)(KMYL) 0 S UTC–7(–6DT) N44º53.32´ W116º06.11´ **GREAT FALLS H–1C, L–13B IAP**
5024 B NOTAM FILE MYL
RWY 16–34: H6108X75 (ASPH) S–86.5, D–141, 2D–261.5 MIRL 0.3% up N
RWY 16: REIL. PAPI(P2L)—GA 3.77º TCH 51´. Road.
RWY 34: REIL. VASI(V2L)—GA 3.5º TCH 40´. Ground.
SERVICE: S4 **FUEL** 100LL, JET A, A1+ **LGT** ACTIVATE MIRL Rwy 16–34, REIL Rwy 16 and Rwy 34—CTAF.
AIRPORT REMARKS: Attended May–Sep 1500–0100Z‡, Oct–Apr 1600–2300Z‡. Airport surface conditions reported Mon–Fri 1500–0000Z‡. 2 hr prior notice rqr for snow removal at ngt call (208) 634–1488/630–3441. Cold temperature airport. Altitude correction required at or below –20C. Parachute Jumping. USFS practices parachute jumps invof arpt. Big game animals may be on or invof rwy. Recommend ldg Rwy 34, tkf Rwy 16, when wind conditions permit. Rwy 16 has a marked 50´ blast pad. Lgtd helipad on arpt. No helicopter parking in fixed–wing tie–down areas. Increased Forest Service flt ops during summer months. Parallel twy clsd Dec 1–Apr 30. APU´s may not be started until 30 min prior to engine start.
AIRPORT MANAGER: 208-634-1488
WEATHER DATA SOURCES: ASOS 119.925 (208) 634–5947.
COMMUNICATIONS: CTAF/UNICOM 122.8
CASCADE RCO 122.35 (BOISE RADIO)
SALT LAKE CENTER APP/DEP CON 128.05
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44º46.03´ W116º12.38´ 012º 8.6 NM to fld. 7333/19E.



MCCARLEY FLD (See BLACKFOOT on page 34)

MIDVALE

LEE WILLIAMS MEM (ØU9) 1 SW UTC–7(–6DT) N44°27.68´ W116°45.48´ **SALT LAKE CITY**

2617 NOTAM FILE BOI

RWY 08–26: H2875X60 (ASPH) 0.8% up W

RWY 08: Fence.

RWY 26: Fence.

AIRPORT REMARKS: Unattended. No winter maintenance, arpt clsd when snow conditions indicate. Rwy 08–26 250´ ovrn each end. Rwy 08–26 entr rwy is covd in nmrs 2–3 in wide cracks both longl but mstly transversely. Most of the slurry fill applied prevly is shrinking down lvg +2 in deep gaps prsnt on the rwy.

AIRPORT MANAGER: 208-355-2391

COMMUNICATIONS: CTAF 122.9

CASCADE RCO 122.35 (BOISE RADIO)

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MIDWAY (See ATOMIC CITY on page 32)

MINIDOKA

BEAR TRAP (1UØ) 15 NE UTC–7(–6DT) N42°58.52´ W113°21.05´ **SALT LAKE CITY**

4716 NOTAM FILE BOI

RWY 06–24: 2250X120 (TURF–DIRT)

RWY 06: Road.

AIRPORT REMARKS: Unattended. Rwy 06–24 subject to ongoing damage by livestock, ground vehicles and rodents. No winter maintenance. No line of sight between rwy ends. Rwy 06–24 edges and thlds marked with white rock.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MOORE

ANTELOPE VALLEY (U92) 12 SW UTC–7(–6DT) N43°40.63´ W113°36.16´ **SALT LAKE CITY**

6193 NOTAM FILE BOI

RWY 07–25: 3450X130 (TURF) 1.5% up W

RWY 07: Road.

RWY 25: P–line.

AIRPORT REMARKS: Unattended. CLOSED to wheeled acft winters. No winter maintenance. Recommend ldg Rwy 07, tkf Rwy 25 when wind conditions allow. Arpt located in mountain valley surrounded by high terrain. Rwy 07–25 edges and thld marked with white rock. Farm machinery and trucks frequently parked on the apch to Rwy 25. +5´ sagebrush adjacent to both rwy edges and Rwy 07 thld. Rwy 07 +5 ft brush 0 ft on cntrln; +4 ft fence 0 ft 115 ft R. Rwy 25 +30 ft pline 350 ft on ctrln; +4 ft fence 100 ft on ctrln; +15 ft road 200 ft on ctrln; 450 ft mtn 4000 ft 200 ft L.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MOOSE CREEK (USFS) (See MOOSE CREEK RANGER STATION on page 57)

MOOSE CREEK RANGER STATION

MOOSE CREEK (USFS) (1U1) 0 SW UTC–7(–6DT) N46°07.25´ W114°55.64´ **GREAT FALLS**

2454 NOTAM FILE BOI

RWY 01–19: 4100X250 (TURF)

RWY 01: Trees.

RWY 19: Trees.

RWY 04–22: 2300X200 (TURF)

RWY 04: Trees.

RWY 22: Trees.

AIRPORT REMARKS: Unattended. Call 208–983–9677 for rwy conditions. No winter maintenance. Big game animals on & invof of arpt. Rwy 01–19 & Rwy 04–22 may not be mowed to full width. Rwy 01–19 recommend land Rwy 19; tkof Rwy 01 when wind conditions permit. Rwy 04–22 land Rwy 04; tkof Rwy 22; go–around not recommended. Rwy 01–19 muddy spring & winter. Use Rwy 04–22 early spring & late fall/winter when psbl due to better drainage & firmer sfc. Rwys subject to temp closures. Rwy 19 – 100 trees and rising trrn at 150 ft, 250 ft L.

AIRPORT MANAGER: 208-983-9571

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MOUNTAIN HOME AFB (MUO)(KMUO) AF 10 SW UTC–7(–6DT) N43°02.62´ W115°52.35´ **SALT LAKE CITY H–3C, L–11B DIAP, AD**
2996 B TPA—See Remarks NOTAM FILE MUO Not insp.
RWY 12–30: H13510X200 (PEM) PCN 66 R/C/W/T HIRL
RWY 12: ALSF1. PAPI(P4L)—GA 2.5° TCH 40´.
RWY 30: ALSF1. PAPI(P4L)—GA 2.5° TCH 40´.
ARRESTING GEAR/SYSTEM
RWY 12 (1500') (1502') **RWY 30**
SERVICE: FUEL JET B+ **OX** 1, 2 **LGT** Rwy 12–30 PAPI unuse byd 5° fr rwy centerline. Thld lgt gated for ftr acft.
MILITARY— A–GEAR Rwy 12–30 BAK–12B in raised posn, rqr 30 min PN for removal. **JASU** 2(AM32A–60) **FUEL** A++ **FLUID** De–ice. **OIL** O–148–156 JOAP **TRAN ALERT** Opr 1400–0700Z‡ Mon–Thu; 1400–0100Z‡ Fri; clsd wkend and hol.
MILITARY REMARKS: Opr 1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, clsd Sat–Sun, clsd hol. See FLIP AP/1 Supplementary Arpt Remark. **RSTD** PPR only exc VIP Code 6 or abv, AIREVAC and SAAM. Req VIP code abv, AIREVAC and SAAM obtain PPR number for tracking and support planning purposes. Min 24 hrs ntc rqr and no more than 7 days prior. Acft requiring CSTMS must coord for PPR no later than 72 hrs prior. All acft must adhere to PPR ETA +/– 30 mins or PPR is invalid. Ctc afld mgmt DSN 728–2222, C208–828–2222, fax extn 4128. Aerodrome vert tkof/ldg proh. **CAUTION** Taxi lines in end of rwy are made for acft with wingspans of 43´ or less only. Waterfowl haz–See AP/1. Rwy 30 hold sign at intersection of Rwy 30 and Twy E incorrectly sited. Location may create confusion of actual VFR hold position. Acft shelters lctd aprx 1100´ east of rwy cntrln. Afld sign array incorrect on Twy A and int of Twy B and Twy D, Twy C, Twy E and Twy F. **TFC PAT** TPA—Overhead/Ftr rectangular 4800(1804), lgt acft/helicopter 3800(804). All departures maintain at or blo 4300(1304) until departure end. Cargo rectangular 4300(1304). **NS ABTMT** Command quiet hr policy in effect 0530–1300Z‡. **MISC** For emerg ATC svc rqr opening of Mountain Home AFB afld outside of published hrs ctc Mountain Home Comd Post DSN 728–5800 or C208–828–5800. Exp 30 min delay for coord. Afld subject to short ntc closures. First 1280´ Rwy 12–30 conc, mid 10940´ asphaltic conc. Acft carry drag chutes to park or advise twr. Std USAF RSRS applied. ACC acft exp reduced rwy separation, ACC acft not wishing to participate in RSRS will make intentions known on initial ctc with twr. Afld wx is monitored by AN/FMQ–19 automated observing system and augmented by human observer dur opr hr. Human obsn sfc visibility ltd from 310°–090°. DSN 728–6303, C208–828–6303, FAX extension 4438. **RWY** Rwy 12 nstd ovrn len 986´. Rwy 30 nstd ovrn len 985´.
AIRPORT MANAGER: 208-828-2222
COMMUNICATIONS: ATIS 273.5 **PTD** 139.3 341.8
RCO 122.6 (BOISE RADIO)
Ⓡ **APP CON** 124.8 259.1 (1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, 1500–2300Z‡ Sat–Sun, clsd hol)
TOWER 133.85 253.5 (1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, 1500–2300Z‡ Sat–Sun, clsd hol)
GND CON 120.5 275.8 **CLNC DEL** 127.1 290.425
Ⓡ **DEP CON** 369.2 (1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, 1500–2300Z‡ Sat–Sun, clsd hol)
ACC COMD POST 321.0 311.0 15091 (Have QUICK timing avbl 381.3) (RAYMOND 27) **PMSV METRO** 324.1(Base wx avbl 24 hrs. Remote briefing svc avbl from 25 OWS, DAVIS MONTHAN AFB, DSN 228–6598, COM (520)228–6598.)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS D svc 1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, 1500–2300Z‡ Sat–Sun, clsd hol; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MUO.
(L) TACAN Chan 87 MUO (114.0) N43°02.43´ W115°52.48´ at fld. 2999/13E. unmonitored when arpt clsd.
No NOTAM MP: 0701–1300Z‡ Wed
TACAN AZIMUTH unusable:
235°–245° byd 10NM blo 8,000´
235°–245° byd 20 NM blo 12,000´
DME unusable:
235°–245° byd 10 NM blo 8,000´
LIBERATOR (L) VORW 114.9 LIA N42°58.96´ W115°46.46´ 292° 5.7 NM to fld. 2990/18E. NOTAM FILE BOI.
ILS 110.3 I–MUO Rwy 12. Class IT. Unmonitored when arpt clsd. No NOTAM MP 0701–1300Z‡ Mon/Tue/Thu.
ILS 111.7 I–BRN Rwy 30. Class IT. Unmonitored when arpt clsd. No NOTAM MP 0701–1300Z‡ Mon/Tue/Thu.
COMM/NAV/WEATHER REMARKS: Radar DASR maint Mon–Fri 0701–1300Z‡. TACAN and radar will not be released at same time if Cascade LR Radar feed unavbl.

MOUNTAIN HOME MUNI (U76) 2 W UTC–7(–6DT) N43º07.90´ W115º43.83´ **SALT LAKE CITY**
3167 B NOTAM FILE BOI **H–3D, L–11B**
IAP

RWY 10–28: H5000X75 (ASPH) S–42, D–53 MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.0º TCH 43´.
RWY 28: REIL. PAPI(P2L)—GA 3.0º TCH 43´. P–line.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt REIL Rwy 10 and Rwy 28; PAPI Rwy 10 and Rwy 28; MIRL Rwy 10–28—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. Arpt attended after hrs emerg only. 100LL avbl 24 hrs with credit card. Jet A avbl 24 hrs with credit card. Jet A single point avbl Mon–Fri 1500–0100Z‡ or by appointment call 208–587–3585. High performance mil jet ops conducted at Mountain Home AFB 8 NM southwest of arpt. Extensive AG ops.

AIRPORT MANAGER: 208-587-3585

COMMUNICATIONS: CTAF/AUNICOM 122.8
RCO 122.6 (BOISE RADIO)
Ⓡ **APP/DEP CON** 124.8 (1400–0700Z‡ Mon–Thu, 1400–0100Z‡ Fri, 1500–2300Z‡ Sat–Sun, clsd hol) other times ctc
SALT LAKE CENTER APP/DEP CON 118.05

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
BOISE (H) VORTACW 113.3 BOI Chan 80 N43º33.17´ W116º11.53´ 124º 32.4 NM to fld. 2877/17E.
VOR portion unusable:
001º–044º byd 22 NM blo 11,000´
001º–044º byd 32 NM blo 14,500´
045º–071º byd 32 NM blo 12,500´
072º–084º byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010º–060º byd 12 NM blo 13,000´
010º–060º byd 27 NM blo 15,500´
113º–155º byd 30 NM blo 7,000´
348º–010º byd 20 NM blo 13,000´
348º–010º byd 27 NM blo 15,500´
LIBERATOR (L) VORW 114.9 LIA N42º58.96´ W115º46.46´ 354º 9.1 NM to fld. 2990/18E.

COMM/NAV/WEATHER REMARKS: See SPECIAL NOTICE—All acft opr within 20 NM of VOR are requested to ctc Mountain Home APP CON on 124.8 for tfc advisory due to intensive mil training in area.

MUD LAKE(WEST JEFFERSON CO) (1U2) 1 NW UTC–7(–6DT) N43º51.06´ W112º30.08´ **SALT LAKE CITY**
4794 B NOTAM FILE BOI **L–11C**

RWY 02–20: H3300X40 (ASPH) LIRL(NSTD)
RWY 02: Thld dsplcd 400´. Fence.
RWY 20: TRCV(TRIL)—GA 3.5º TCH 40´. Road.

SERVICE: S4

AIRPORT REMARKS: Attended May–Oct 1500–0000Z‡, Nov–Apr irregular. Confirm snow removal and winter condition with arpt mgr, 208–663–4328 or 208–529–3875. Emerg fuel svcs only (Jet–A and 100LL). Call mgr at 208–663–4328 or 208–663–4840. Ngt ops recommended only to pilots familiar with arpt apches and surrounding terrain. Rwy 02–20 NSTD LIRL. LIRL Rwy 20 and rotating bcn inop each yr 1 Nov–1 Apr. Rwy 20 has low ints thld lgts, first 600´ rwy has low ints edge lgts, remaining 2700´ of rwy illuminated with white edge reflectors. Rwy 02 dsplcd thld marked with retroreflective reflectors. Rwy 20 +40´ pole at 700´, 200´ rgt.

AIRPORT MANAGER: 208-663-4328

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44º05.33´ W112º12.56´ 207º 19.1 NM to fld. 4920/15E.

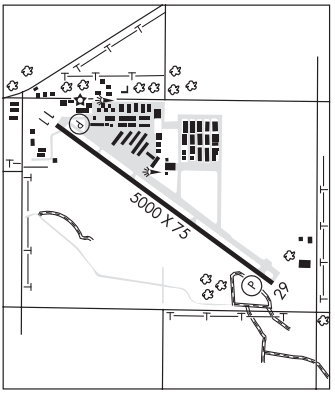
MULLAN PASS MLP N47º27.42´ W115º38.77´/6028 **GREAT FALLS**
ASOS 135.475 (208) 744–1721 **H–1D, L–13B**

MULLAN PASS N47°27.41´ W115°38.76´ NOTAM FILE MLP. **GREAT FALLS**
(H) VORW/DME 117.8 MLP Chan 125 050° 16.4 NM to Thompson Falls. 6100/15E. **H–1D, L–13B**
VOR portion unusable:
060°–090° byd 20 NM blo 9,500´
RCO 122.15 (BOISE RADIO)

MURPHY (1U3) 0 E UTC–7(–6DT) N43°12.96´ W116°32.90´ **SALT LAKE CITY**
2855 NOTAM FILE BOI
RWY 12–30: H2500X45 (ASPH)
RWY 12: Road.
RWY 30: Road.
AIRPORT REMARKS: Unattended. Ctc sheriff´s office in courthouse across hwy from arpt for assistance. Recommend land Rwy 12, tkf Rwy 30 when wind condition permits. Rwy 12–30 thlds marked with painted rocks.
AIRPORT MANAGER: 208-249-0571
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

MURPHY HOT SPRINGS (See THREE CREEK on page 72)

NAMPA MUNI (MAN)(KMAN) 0 E UTC–7(–6DT) N43°34.88´ W116°31.38´ **SALT LAKE CITY**
2537 B NOTAM FILE BOI **H–1C, L–11B**
RWY 11–29: H5000X75 (ASPH) S–26, D–50, 2D–60 MIRL **IAP**
RWY 11: PAPI(P2L)—GA 3.0° TCH 40´. Bldg.
RWY 29: PAPI(P2L)—GA 3.62° TCH 49´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A, MOGAS **OX** 3 **LGT** ACTIVATE MIRL Rwy 11–29—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. 91 octane fuel available. Calm wind Rwy 11. Grass tkof and ldg not auth.
AIRPORT MANAGER: 208-468-5820
WEATHER DATA SOURCES: AWOS–3 118.325 (208) 318–0040.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**BIG SKY APP/DEP CON** 119.6
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
BOISE (H) VORTACW 113.3 BOI Chan 80 N43°33.17´ W116°11.53´ 260° 14.5 NM to fld. 2877/17E.
VOR portion unusable:
001°–044° byd 22 NM blo 11,000´
001°–044° byd 32 NM blo 14,500´
045°–071° byd 32 NM blo 12,500´
072°–084° byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010°–060° byd 12 NM blo 13,000´
010°–060° byd 27 NM blo 15,500´
113°–155° byd 30 NM blo 7,000´
348°–010° byd 20 NM blo 13,000´
348°–010° byd 27 NM blo 15,500´



NEW MEADOWS (1U4) 0 N UTC–7(–6DT) N44°58.68´ W116°17.04´ **GREAT FALLS**
3908 NOTAM FILE BOI
RWY 14–32: 2400X150 (TURF–GRVL)
RWY 14: Fence.
RWY 32: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. No winter maint. No line of sight between rwy ends. Rwy 14–32 edges and thlds marked with white rocks. Rwy 14–32 south half 20´ wide grvl strip with loose rocks up to 2", north half sparse gravel up to 2", grass may be high. Rwy and tiedown area soft when wet.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CASCADE RCO 122.35 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

NEZ PERCE MUNI (ØS5) 0 NE UTC–8(–7DT) N46º14.31´ W116º14.31´ **GREAT FALLS**
3201 NOTAM FILE BOI
RWY 15–33: H2400X30 (ASPH)
RWY 15: Hill. Rgt tfc.
RWY 33: Bldg.
AIRPORT REMARKS: Attended Apr–Oct Mon–Fri 1600–0100Z‡, Nov–Mar irregularly.
AIRPORT MANAGER: 208-937-1021
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

NEZ PERCE N46º22.89´ W116º52.17´ NOTAM FILE LWS. **SEATTLE**
(L) VORW/DME 108.2 MQG Chan 19 246º 6.1 NM to Lewiston–Nez Perce Co. 1734/20E. DME unmonitored. **L–13B**
VOR portion unusable:
075º–115º byd 20 NM blo 12,000´
115º–155º byd 25 NM blo 6,900´
280º–290º byd 20 NM blo 4,200´
290º–335º byd 25 NM blo 4,000´

NORDMAN

PRIEST LAKE USFS (67S) 3 S UTC–8(–7DT) N48º34.44´ W116º57.52´ **GREAT FALLS**
2611 NOTAM FILE BOI
RWY 14–32: 4400X175 (TURF–GRVL) 0.6% up NW
RWY 14: Road.
RWY 32: Road.
AIRPORT REMARKS: Unattended. USFS helipad pvt use. No winter maintenance. Rwy 14–32 may not be mowed to full width. Rwy 32 +14´ road at 300´ on cntrln, 60´ trees at 500´ to 1000´ on cntrln. Rwy 14–32 is MKD only with W cement BDRY MKRS; THLDS MKD with CONC strips. Do not park acft within 100´ of wx station.
AIRPORT MANAGER: 208-443-6824
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

OAKLEY MUNI (1U6) 0 S UTC–7(–6DT) N42º14.03´ W113º52.66´ **SALT LAKE CITY**
4664 NOTAM FILE BOI
RWY 17–35: 3795X40 (GRVL) 1.6% up N
RWY 17: Fence.
RWY 35: Fence.
AIRPORT REMARKS: Unattended. Rising terrain 3/4 mile south on rwy cntrln. Rwy sfc soft during early spring. No winter maintenance.
AIRPORT MANAGER: 208-431-6090
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

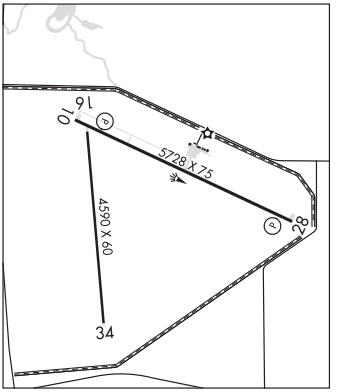
ONTARIO N44º00.70´ W116º24.36´ **KLAMATH FALLS**
RCO 122.3 (MC MINNVILLE RADIO) **L–11B**

OROFINO MUNI (S68) 1 NW UTC–8(–7DT) N46º29.52´ W116º16.52´ **GREAT FALLS**
1005 NOTAM FILE BOI
RWY 09–27: H2520X60 (ASPH) S–17 MIRL
RWY 09: Thld dsplcd 100´. Tree. Rgt tfc.
RWY 27: Tree.
SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24/7 with credit card. High terrain in all quads around arpt. Be alert dur ngt ops due to terrain. Two 1968´ MSL (250´ AGL) radio twrs lctd aprx 1 mile East Rwy 27 300´ left.
AIRPORT MANAGER: 208-476-4725
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

OROGRANDE (75C) 1 NE UTC–8(–7DT) N45°43.77´ W115°31.67´ **GREAT FALLS**
4419 NOTAM FILE BOI
RWY 01–19: 2800X50 (TURF–DIRT) 1.4% up S
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Unattended. Land Rwy 19, depart Rwy 01 when wind cond permit. +50´ trees on apch both rwy ends. Big game animals on and invof arpt. Vehicles have access to rwy. Recommended use early morning and late evening in summer.
AIRPORT MANAGER: 208-983-9571
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PARIS

BEAR LAKE CO (1U7) 3 E UTC–7(–6DT) N42°14.99´ W111°20.50´ **SALT LAKE CITY H–3D, L–11D IAP**
5933 B NOTAM FILE BOI
RWY 10–28: H5728X75 (ASPH) S–14, D–28, 2D–60 MIRL
RWY 10: PAPI(P2L)—GA 3.5° TCH 45´. P–line.
RWY 28: PAPI(P2L)—GA 3.5° TCH 51´. Road.
RWY 16–34: H4590X60 (ASPH) S–50, D–64, 2D–102
RWY 16: Road.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10–28—CTAF. Rwy 28 VGSI unusbl byd 4 NM from thld. Does not provide obstn clnc.
AIRPORT REMARKS: Attended continuously. Fuel: 100LL fuel avbl 24 hrs with credit card self svc. Birds on and invof arpt. No snow removal Rwy 16–34. Reflectors on all twys and aprons. Partial twy 25´ wide. Cold temperature airport. Altitude correction required at or below –23C.
AIRPORT MANAGER: 208-223-0416
WEATHER DATA SOURCES: AWOS–3 118.525 (208) 847–0613.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.
MALAD CITY (H) VORW/DME 117.4 MLD Chan 121 N42°11.99´ W112°27.07´ 069° 49.6 NM to fld. 7330/17E.
VOR portion unusable:
157°–167° byd 25 NM blo 11,000´
DME portion unusable:
005°–025° byd 30 NM blo 14,000´
157°–167° byd 25 NM blo 11,000´



PARMA (5ØS) 1 S UTC–7(–6DT) N43°46.73´ W116°56.31´ **SALT LAKE CITY**
2228 NOTAM FILE BOI
RWY 12–30: H2700X50 (ASPH) LIRL
RWY 12: Tree. Rgt tfc.
RWY 30: Fence.
AIRPORT REMARKS: Unattended. Recommend land Rwy 30, tkf Rwy 12 when wind condition permit. Numerous additional obstructions on apch to Rwy 12 (several commercial warehouse bldgs, power line and trees).
AIRPORT MANAGER: 208-722-5138
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

PAYETTE MUNI (S75) 2 NE UTC–7(–6DT) N44º05.64´ W116º54.19´ **SALT LAKE CITY**
2230 B NOTAM FILE BOI **L–11B**

RWY 13–31: H3534X45 (ASPH) S–8 LIRL 0.6% up SE
RWY 13: Thld dsplcd 233´. Tree.
RWY 31: Fence.

SERVICE: S2 **FUEL** 100LL, MOGAS **LGT** ACTVT LIRL Rwy 13–31—CTAF (3 clicks).

AIRPORT REMARKS: Unattended. Fuel 24 hrs credit card svc avbl. Golfers adj to rwy edges and Rwy 13 thld. Arpt CLOSED to acft over 10,000 lbs GWT. Rwy 13 dsplcd thld not lgtd. 2885´ MSL (405´ AGL) marked and lgtd steel twr lctd 2.2 miles south of arpt.

AIRPORT MANAGER: 208-642-6024

COMMUNICATIONS: CTAF 122.9

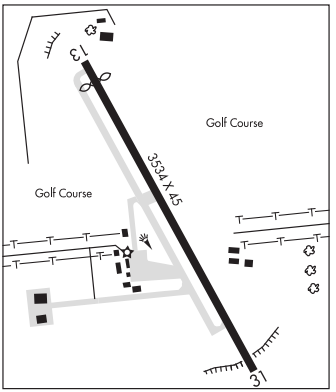
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.

BOISE (H) VORTACW 113.3 BOI Chan 80 N43º33.17´ W116º11.53´ 300º 44.8 NM to fld. 2877/17E.

VOR portion unusable:
001º–044º byd 22 NM blo 11,000´
001º–044º byd 32 NM blo 14,500´
045º–071º byd 32 NM blo 12,500´
072º–084º byd 32 NM blo 10,500´

TACAN AZIMUTH & DME portion unusable:
010º–060º byd 12 NM blo 13,000´
010º–060º byd 27 NM blo 15,500´
113º–155º byd 30 NM blo 7,000´
348º–010º byd 20 NM blo 13,000´
348º–010º byd 27 NM blo 15,500´



PINE (1U9) 1 S UTC–7(–6DT) N43º27.98´ W115º18.60´ **SALT LAKE CITY**
4232 NOTAM FILE BOI

RWY 16–34: 2300X125 (TURF)
RWY 16: Road.
RWY 34: Tree. Rgt tfc.

AIRPORT REMARKS: Unattended. No winter maintenance. No line of sight btn rwy ends. Recommend land Rwy 34 and tkf Rwy 16 when wind conditions permit. Rwy 16–34 edges and thlds marked with white rocks. Rwy has sideslope, downhill from west to east.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

POCATELLO RGNL (PIH)(KPIH) 7 NW UTC–7(–6DT) N42°54.59´ W112°35.76´ **SALT LAKE CITY H–3D, L–11C IAP, AD**

4452 B Class I, ARFF Index A NOTAM FILE PIH

RWY 03–21: H9059X150 (ASPH–PFC) S–100, D–160, 2S–175, 2D–265 PCN 64 F/B/X/T HIRL

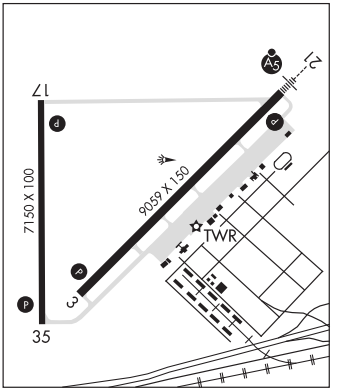
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 53´.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 52´. RVR–T

RWY 17–35: H7150X100 (ASPH–GRVD) S–74, D–110, 2D–199 PCN 29 F/B/X/T MIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 45´.

RWY 35: PAPI(P4L)—GA 3.0° TCH 45´. Pole.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA–9059 TODA–9059 ASDA–9059 LDA–9059

RWY 17: TORA–7150 TODA–7150 ASDA–7150 LDA–7150

RWY 21: TORA–9059 TODA–9059 ASDA–9059 LDA–9059

RWY 35: TORA–7150 TODA–7150 ASDA–7150 LDA–7150

SERVICE: S4 **FUEL** 100LL, JET A1, A1+ **OX** 3, 4 **LGT** Aft ATCT clsd actvt MALSR Rwy 21; REIL Rwy 17 and Rwy 03; PAPI Rwy 03, Rwy 21, Rwy 17 and Rwy 35; MIRL Rwy 17–35; HIRL Rwy 03–21—CTAF.

AIRPORT REMARKS: Attended 1300–0300Z‡. For service other times call 1–800–350–0737. Afld cond unmonitored 0630–1300Z‡ daily exc air carrier ops and 24 hr PPR 208–234–6154 or 208–241–7949. Additional fees apply. Flocks of waterfowl invof arpt. Twy G has no edge lgts or reflectors, rstd to day use only. Radio ctl acft 1 mile east of arpt blo 400´ AGL. 72 hrs PPR for unscheduled air carrier ops with more than 30 pax seats call admin 208–234–6154 or ops 208–241–7949. Additional fees apply.

AIRPORT MANAGER: 208-234-6154

WEATHER DATA SOURCES: ASOS 135.625 (208) 235–1287.

COMMUNICATIONS: CTAF 119.1 **ATIS** 135.625 208–232–2269 **UNICOM** 122.95

RCO 122.35 (BOISE RADIO)

Ⓡ**SALT LAKE CENTER APP/DEP CON** 128.35

TOWER 119.1 (1300–0500Z‡) **GND CON** 121.9

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS D svc 1300–0500Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.

(H) VORW/DME 112.6 PIH Chan 73 N42°52.22´ W112°39.13´ 029° 3.4 NM to fld. 4433/17E.

VOR unusable:

060°–130° byd 25 NM blo 13,500´

DME unusable:

060°–130° byd 25 NM blo 17,000´

160°–175° byd 25 NM blo 13,000´

TYHEE NDB (LOMW) 383 PI N42°57.83´ W112°30.98´ 210° 4.8 NM to fld. 4462/17E.

ILS/DME 110.3 I–PIH Chan 40 Rwy 21. Class IE. LOM TYHEE NDB. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: Freq 121.5 not avbl at twr. FBO monitors 122.95 and 123.0.

PORTHILL

ECKHART INTL (1S1) 0 W UTC–8(–7DT) N48°59.43´ W116°30.12´ **GREAT FALLS**

1758 LRA NOTAM FILE BOI

RWY 15–33: 3650X175 (TURF)

RWY 15: Trees.

RWY 33: Road.

AIRPORT REMARKS: Unattended. Rwy 15 do not use asph twy for tkf. Recommend land Rwy 33; tkf Rwy 15 when wind condition permits. No winter maintenance. Rwy 15–33 edges and thld marked with white rocks. +25´ hop poles located adjacent to both sides of rwy. Acft parking limited to 2 hrs in customs terminal area.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PRAIRIE

SMITH PRAIRIE (2UØ) 2 SE UTC–7(–6DT) N43º29.90´ W115º32.82´ **SALT LAKE CITY**

4958 NOTAM FILE BOI

RWY 06–24: 5400X150 (TURF–DIRT) 1.6% up NE

RWY 06: Fence.

RWY 24: Sign.

AIRPORT REMARKS: Unattended. No winter maintenance. Recommend land Rwy 06, tkf Rwy 24, when wind conditions permit. Rwy 06–24 edges and thlds marked with white rocks. No telephone avbl at arpt.

AIRPORT MANAGER: 208-334-8775

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861.

PRESTON (U1Ø) 2 NW UTC–7(–6DT) N42º06.41´ W111º54.75´ **SALT LAKE CITY**

4728 B NOTAM FILE BOI **L–11D**

RWY 03–21: H3457X50 (ASPH) S–12 LIRL

RWY 21: Thld dsplcd 330´. Road.

RWY 16–34: 2437X30 (GRVL)

RWY 16: Road.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 03–21—CTAF.

AIRPORT REMARKS: Attended dalgt hrs. Rwy 16–34 CLOSED winter. Lctd on plateau. Sharp dropoff near thld Rwys 03, 16, and 34. Rwy 03–21 NSTD LIRL. Rwy 03–21 lgts lctd 50´ from edge of pavement. Rwy 21 dsplcd thld marked with dsplcd thld bar only.

AIRPORT MANAGER: 208-852-2151

COMMUNICATIONS: CTAF/UNICOM 122.8

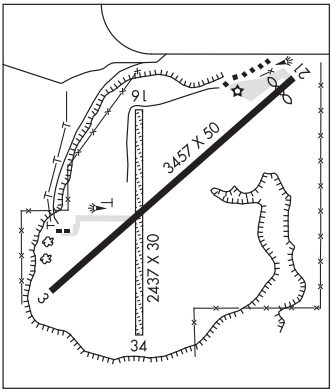
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.

MALAD CITY (H) VORW/DME 117.4 MLD Chan 121 N42º11.99´ W112º27.07´ 086º 24.7 NM to fld. 7330/17E.

VOR portion unusable:
157º–167º byd 25 NM blo 11,000´

DME portion unusable:
005º–025º byd 30 NM blo 14,000´
157º–167º byd 25 NM blo 11,000´



PRIEST LAKE USFS (See NORDMAN on page 61)

PRIEST RIVER MUNI (1S6) 1 N UTC–8(–7DT) N48º11.44´ W116º54.59´ **GREAT FALLS**

2193 NOTAM FILE BOI

RWY 01–19: H2983X48 (ASPH) S–12.5 LIRL

RWY 01: Tree.

RWY 19: Trees.

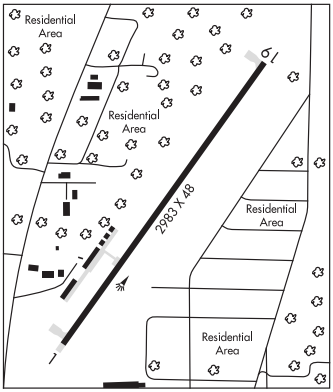
SERVICE: **LGT** ACTIVATE LIRL Rwy 01–19—CTAF.

AIRPORT REMARKS: Unattended. Ngt oprs recommend land Rwy 01 and dep Rwy 19. Tiedown chains removed dur winter. Irregular winter maintenance.

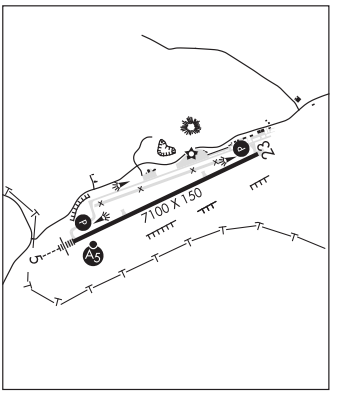
AIRPORT MANAGER: (208) 255-9179

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.



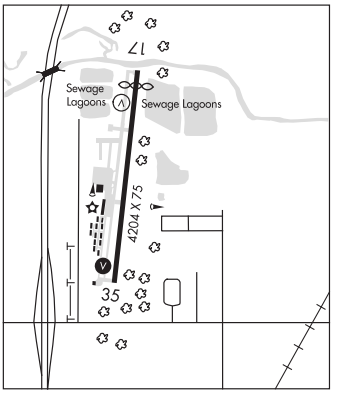
PULLMAN/MOSCOW RGNL (PUW)(KPUW) 3 NE UTC–8(–7DT) N46°44.50´ W117°06.70´ **SEATTLE**
2567 B Class I, ARFF Index B NOTAM FILE PUW **H–1C, L–13B**
RWY 05–23: H7100X150 (ASPH–GRVD) S–120, D–239, 2D–385 **IAP, AD**
PCN 68 F/C/X/T HIRL
RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 49´. RVR–T Fence.
RWY 23: REIL. PAPI(P4R)—GA 3.4° TCH 58´. RVR–R Ground.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
RWY 23: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 05; REIL Rwy 23; PAPI Rwy 05 and 23; HIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended 1600–0200Z‡. CLOSED to unscheduled air carrier ops with more than 30 pax seats exc PPR call arpt mgr 509–338–3223. Parachute Jumping. Non–paved areas soft. No parking between rwy and twy and within 30´ of twy to the northwest. No non–paved acft ops auth. Ldg fee for all coml acft and all itinerant acft over 7,000 lbs. Fuel: Mogas on fld—509–332–6569.
AIRPORT MANAGER: 509-338-3223
WEATHER DATA SOURCES: ASOS 135.675 (509) 334–3222.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.6 (SEATTLE RADIO)
SEATTLE CENTER APP/DEP CON 123.95



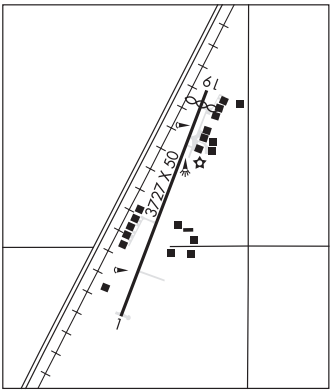
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E svc 1400–0600Z‡ Mon–Fri, 1700–0000Z‡ Sat, 1900–0600Z‡ Sun; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE PUW.
(L) VORW/DME 109.0 PUW Chan 27 N46°40.45´ W117°13.41´ 029° 6.1 NM to fld. 2772/20E. DME unmonitored.
ILS/DME 110.35 I–PUW Chan 40(Y) Rwy 05. Class IE.

REED RANCH (See YELLOW PINE on page 74)

REXBURG–MADISON CO (RXE)(KRXE) 1 NW UTC–7(–6DT) N43°50.04´ W111°48.31´ **SALT LAKE CITY**
4862 B NOTAM FILE RXE **L–11D**
RWY 17–35: H4204X75 (ASPH) S–30 MIRL **IAP**
RWY 17: VASI(V4L). Thld dsplcd 302´. Trees.
RWY 35: REIL. VASI(V4L)—GA 3.0° TCH 40´. Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 17: TORA–4200 TODA–4200 ASDA–4200 LDA–3900
RWY 35: TORA–4200 TODA–4200 ASDA–3900 LDA–3900
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTIVATE REIL Rwy 35, VASI Rwy 35, MIRL 17–35–CTAF. VASI Rwy 17 opr continuously.
AIRPORT REMARKS: Attended Mon–Sat 1500–0100Z‡.
AIRPORT MANAGER: 208-356-6600
WEATHER DATA SOURCES: ASOS 135.075 (208) 356–0986.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE IDA.
IDAHO FALLS (H) VORW/DME 113.85 IDA Chan 85(Y) N43°31.14´ W112°03.84´ 016° 22.0 NM to fld. 4724/15E.



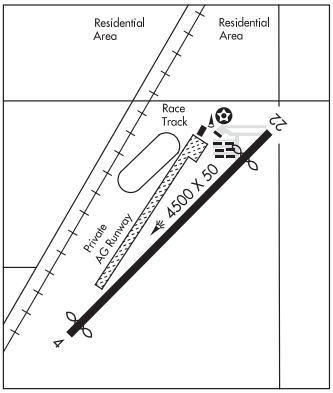
RIGBY (U56) 2 S UTC–7(–6DT) N43º38.56´ W111º55.75´ **SALT LAKE CITY**
4845 B NOTAM FILE BOI **L–11D**
RWY 01–19: H3727X50 (ASPH) MIRL
RWY 01: Fence.
RWY 19: Thld dsplcd 225´. Road.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 01–19—CTAF 122.9.
AIRPORT REMARKS: Unattended. NS ABTMT procedures in effect. Call arpt mgr 208–716–3584.
AIRPORT MANAGER: (208) 716-3584
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44º05.33´ W112º12.56´ 140º 29.4 NM to fld. 4920/15E.



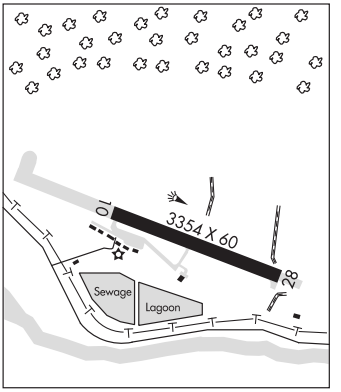
ROCKFORD MUNI (2U4) 0 E UTC–7(–6DT) N43º11.37´ W112º31.91´ **SALT LAKE CITY**
4465 NOTAM FILE BOI
RWY 16–34: H2800X50 (ASPH)
RWY 16: Railroad.
RWY 34: Fence.
AIRPORT REMARKS: Unattended. Railroad boxcars are often parked on cntrln of Rwy 16.
AIRPORT MANAGER: (208) 782-3190
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

ST ANTHONY

STANFORD FLD (U12) 1 SE UTC–7(–6DT) N43º57.01´ W111º41.08´ **SALT LAKE CITY**
4966 B TPA—5766(800) NOTAM FILE BOI **L–11D**
RWY 04–22: H4500X50 (ASPH) MIRL
RWY 04: Thld dsplcd 300´. P–line.
RWY 22: Thld dsplcd 540´. Tree.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 04–22 and rotating bcn—CTAF.
AIRPORT REMARKS: Unattended. Fuel 24 hr credit card svc avbl. Acft opr from grvl rwy SE of paved rwy dur AG season. Rwy 04–22 no dsplcd thld arrow markings on dsplcd thld.
AIRPORT MANAGER: (208) 624-4258
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44º05.33´ W112º12.56´ 095º 24.2 NM to fld. 4920/15E.

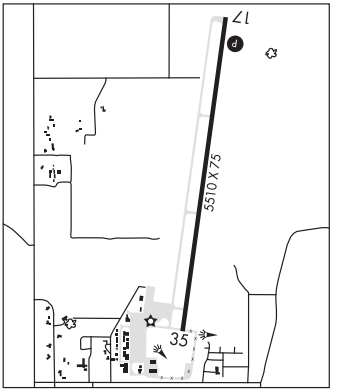


ST MARIES MUNI (S72) 1 NW UTC–8(–7DT) N47°19.55´ W116°34.60´ **GREAT FALLS**
2131 B NOTAM FILE BOI **L–13B**
RWY 10–28: H3354X60 (ASPH) S–12.5 MIRL(NSTD)
RWY 10: Road. Rgt tfc.
RWY 28: Trees.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Unattended. Rwy 10–28 NSTD MIRL first 715´ west end not lgtd. Rwy 10 NSTD dsplcd thld marking yellow chevrons.
AIRPORT MANAGER: 208-582-0941
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47°27.41´ W115°38.76´ 244° 38.7 NM to fld. 6100/15E.
VOR portion unusable:
060°–090° byd 20 NM blo 9,500´



SALMON

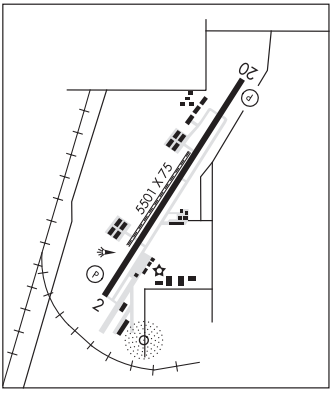
LEMHI CO (SMN)(KSMN) 4 S UTC–7(–6DT) N45°07.40´ W113°52.89´ **GREAT FALLS**
4044 B NOTAM FILE SMN **H–1D, L–13C**
RWY 17–35: H5510X75 (ASPH) S–12.5 MIRL **IAP**
RWY 17: REIL. PAPI(P4L)—GA 3.5° TCH 55´.
RWY 35: REIL.
SERVICE: S4 **FUEL** 100, JET A **LGT** ACTIVATE MIRL Rwy 17–35, REIL Rwy 17 and Rwy 35, and PAPI Rwy 17—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. Rwy 17 use rgt tfc pat for ngt ops only. Cold temperature airport. Altitude correction required at or below –13C. Bcn OTS indef.
AIRPORT MANAGER: (208) 756-5321
WEATHER DATA SOURCES: AWOS–3PT 135.075 (208) 756–4381.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALMON RCO 122.55 (BOISE RADIO)
SALT LAKE CENTER APP/DEP CON 132.4
RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.
SALMON (H) VORW/DME 113.5 LKT Chan 82 N45°01.28´ W114°05.05´ 042° 10.6 NM to fld. 9260/13E.



SALMON N45°01.28´ W114°05.05´ NOTAM FILE SMN. **GREAT FALLS**
(H) VORW/DME 113.5 LKT Chan 82 042° 10.6 NM to Lemhi Co. 9260/13E. **H–1D, L–13C**
RCO 122.55 (BOISE RADIO)

SANDPOE N48°17.44´ W116°33.79´ NOTAM FILE SZT. **GREAT FALLS**
NDB (MHW) 264 SZT at Sandpoint. 2131/14E. **L–13B**
NDB unusable:
170°–200° byd 20 NM
200°–360°
360°–170° byd 15 NM

SANDPOINT (SZT)(KSZT) 2 N UTC–8(–7DT) N48°17.97´ W116°33.61´ **GREAT FALLS**
2131 B NOTAM FILE SZT **H–1C, L–13B**
RWY 02–20: H5501X75 (ASPH) S–40 MIRL **IAP**
RWY 02: REIL. PAPI(P2L)—GA 3.75° TCH 28´. Trees.
RWY 20: REIL. PAPI(P2L)—GA 3.75° TCH 50´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 02–20 and REIL Rwy 02 and Rwy 20—CTAF. PAPI Rwy 02 and Rwy 20 opr continuously.
AIRPORT REMARKS: Attended 1500–0100Z‡ Summer, 1600–0100Z‡ Winter. Wildlife invof arpt.
AIRPORT MANAGER: 208-255-9179
WEATHER DATA SOURCES: AWOS–3 135.425 (208) 263–3074.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**SEATTLE CENTER APP/DEP CON** 123.95
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 023° 61.6 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´
SANDPOE NDB (MHW) 264 SZT N48°17.44´ W116°33.79´ at fld. 2131/14E. NOTAM FILE SZT.
NDB unusable:
170°–200° byd 20 NM
200°–360°
360°–170° byd 15 NM
LOC/DME 109.1 I–RPO Chan 28 Rwy 02. LOC unmonitored.



SHEARER (USFS) (2U5) 0 S UTC–8(–7DT) N45°59.37´ W114°50.48´ **GREAT FALLS**
2634 NOTAM FILE BOI
RWY 18–36: 2000X15 (TURF) 2.1% up N
RWY 18: Hill.
RWY 36: Trees.
AIRPORT REMARKS: Unattended. Inexperienced pilots should use for emergs only. . Big game animals on and invof arpt. Located in narrow winding river canyon. Rwy may be soft in spring and late fall. Recommend early morning or late evening ops during summer. Rwy 18–36 first 300´ of Rwy 18 rough with tall grass. Land Rwy 18, tkf Rwy 36. Blind apch to Rwy18, before ldg/tkf call on frequency 122.9, monitor same.
AIRPORT MANAGER: 208-983-9571
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

SHOSHONE CO (See KELLOGG on page 52)

SLATE CREEK (1S7) 3 NW UTC–8(–7DT) N45°40.31´ W116°18.34´ **GREAT FALLS**
1660 NOTAM FILE BOI
RWY 12–30: 2600X165 (TURF)
RWY 12: P–line.
RWY 30: P–line.
AIRPORT REMARKS: Unattended. No winter maintenance. No line of sight between rwy ends. +35´ P–line along NE boundary of arpt, crosses over tiedown area. Rwy 12–30 edges and thlds marked with white rock boundary markers. No telephone avbl at arpt. Rwy 12 has +3´ fence at 35´ on centerline.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

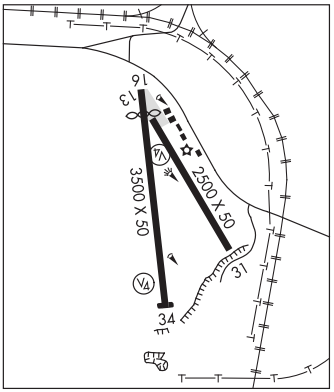
SMILEY CREEK (U87) 0 E UTC–7(–6DT) N43º54.73´ W114º47.76´ **SALT LAKE CITY**
7206 NOTAM FILE BOI
RWY 14–32: 4900X150 (TURF)
RWY 14: Fence.
RWY 32: Fence.
AIRPORT REMARKS: Unattended. No winter maintenance. Extremely high density alt conditions exist during summer months. Recommend land Rwy 14, tkf Rwy 32, when wind conditions allow. Be alert for sprinklers/stand pipes on edge of rwy. Rwy 14–32 edges and thlds marked with white rock.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

SMITH PRAIRIE (See PRAIRIE on page 65)

SNAKE RIVER SPB (See LEWISTON on page 54)

SODA SPRINGS

ALLEN H TIGERT (U78) 1 SE UTC–7(–6DT) N42º38.91´ W111º34.91´ **SALT LAKE CITY**
5843 B NOTAM FILE BOI **L–11D**
RWY 16–34: H3500X50 (ASPH) S–12 LIRL(NSTD) 0.3% up S
RWY 16: TRCV(TRIL)—GA 4.0º TCH 25´. Thld dsplcd 300´. Road.
RWY 34: TRCV(TRIL)—GA 3.0º TCH 44´.
RWY 13–31: H2500X50 (ASPH) 0.4% up SE
RWY 13: Pole.
RWY 31: P–line.
SERVICE: FUEL 100LL **LGT** Rwy 16 and Rwy 34 tri color VASI inoperable indefinitely. Rwy 16–34 NSTD LIRL first 300´ Rwy 16 not lgtd. Rwy 16–34 rwy lgts and REILs OTS indef. No rwy lgts avbl. Beacon lgt OTS indef.
AIRPORT REMARKS: Unattended. Call 208–547–2600 or 208–221–4494 for svc. Sharply descending terrain near end of Rwy 31 and Rwy 34. Rwy 16 thld dsplcd 300´ at ngt, 3200´ of Rwy 16–34 lgtd at ngt.
AIRPORT MANAGER: 208-547-2600
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLD.
MALAD CITY (H) VORW/DME 117.4 MLD Chan 121 N42º11.99´ W112º27.07´ 038º 47.1 NM to fld. 7330/17E.
VOR portion unusable:
157º–167º byd 25 NM blo 11,000´
DME portion unusable:
005º–025º byd 30 NM blo 14,000´
157º–167º byd 25 NM blo 11,000´



SOLDIER BAR USFS (85U) 1 SW UTC–7(–6DT) N45º05.99´ W114º48.06´ **GREAT FALLS**
4190 NOTAM FILE BOI
RWY 07–25: 1650X15 (DIRT)
RWY 07: Trees.
RWY 25: Hill.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. Steep canyon walls in all directions. Cabin Creek arpt aprx 7 miles west up Big Creek Canyon. Arpt on bench 500´ abv Big Creek on south side. West 1/3 of rwy has 4º slope down to the north. Go–arounds not recommended. Rwy 07–25 sharp dogleg on west 1/3 of rwy to the north. Land Rwy 25, tkf Rwy 07.
AIRPORT MANAGER: 208-634-0746
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

STANFORD FLD (See ST ANTHONY on page 67)

STANLEY

BRUCE MEADOWS (U63) 20 NW UTC–7(–6DT) N44°24.93´ W115°19.01´ **SALT LAKE CITY**
6370 NOTAM FILE BOI
RWY 05–23: 5000X110 (TURF–DIRT)
RWY 23: Fence.
AIRPORT REMARKS: Unattended. Big game animals have access to rwy. No winter maint. Recommend land Rwy 05, tkf Rwy 23 when wind conditions permit. Arpt is lctd on a high mtn valley surrounded by mtns. Rwy 23 fence marked with yellow and black warning panels 40´ from end of AER 23. Rwy 05–23 edges and thlds marked with white rocks. 20´ wide dirt strip down center of Rwy 05–23. First 1200´ of rwy end 05 is flooded or very soft during spring and thru late summer months.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

STANLEY (2U7) 1 SE UTC–7(–6DT) N44°12.51´ W114°56.07´ **SALT LAKE CITY**
6403 NOTAM FILE BOI
RWY 17–35: H4300X150 (ASPH–DIRT)
RWY 17: Trees.
RWY 35: Fence.
AIRPORT REMARKS: Unattended. No winter maint. Arpt lctd in valley surrounded by high mountainous terrain. Numerous air taxi ops dur the summer months. Rwy 17–35 1600 ft x 30 ft asph on Rwy 17 end, remainder dirt. Rwy 17–35 NSTD markings, rwy edges and thlds marked with white rocks.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

THOMAS CREEK (2U8) 31 N UTC–7(–6DT) N44°43.40´ W115°00.24´ **GREAT FALLS**
4415 NOTAM FILE BOI
RWY 03–21: 2100X75 (TURF–DIRT) 2.5% up SW
RWY 03: Hill.
RWY 21: Tree.
AIRPORT REMARKS: Unattended. No winter maint. Recommend ldg Rwy 21, tkf Rwy 03, go arounds extremely difficult. Rwy 03 first 400´ is dog leg with a heading of 360°. Acft loading and unloading at the south end of Rwy 21. Considerable air taxi ops mid to late summer. Rwy 03–21 usable width may vary from 75´ to 100´. Arpt is lctd on plateau 100–150´ abv river.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

STANLEY N44°10.19´ W114°55.87´ **SALT LAKE CITY**
RCO 122.6 (BOISE RADIO) **L–11C**

STRIK N42°28.72´ W114°21.26´ NOTAM FILE TWF. **SALT LAKE CITY**
NDB (LOMW) 389 TW 259° 5.9 NM to Joslin Fld – Magic Valley Rgnl. 4065/13E. **L–11C**

TANGLEFOOT SPB (See CAVANAUGH BAY on page 38)

THATCHER

W E RANCH (ØID) 3 NW N42°26.89´ W111°46.65´ **SALT LAKE CITY**
5075 NOTAM FILE HUF Not insp.
RWY 17–35: 1350X48 (GRVL)
RWY 17: Rgt tfc.
RWY 35: Rgt tfc.
AIRPORT MANAGER: 801 440 6204
COMMUNICATIONS: CTAF 122.9

THOMAS CREEK (See STANLEY on page 71)

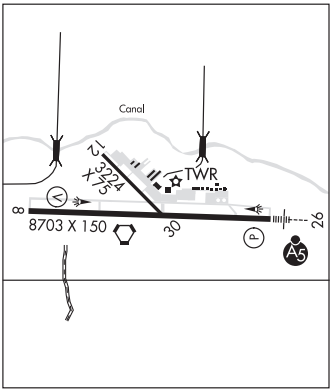
THREE CREEK

MURPHY HOT SPRINGS (3UØ) 9 W UTC–7(–6DT) N42º01.41´ W115º20.13´ **SALT LAKE CITY**
5829 NOTAM FILE BOI
RWY 01–19: 5250X120 (TURF) 1.2% up S
RWY 01: Fence.
RWY 19: Fence.
AIRPORT REMARKS: Unattended. No telephone avbl at arpt. No winter maint. No line of sight between rwy ends. Recommend land Rwy 19 and depart Rwy 01 when wind conditions permit. Rwy soft in spring and when wet. Rwy 01–19 edges and thlds marked with white rock.
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

TWIN BRIDGES (See KETCHUM on page 52)

TWIN FALLS

JOSLIN FLD – MAGIC VALLEY RGNL (TWF)(KTWF) 4 S UTC–7(–6DT) N42º28.91´ W114º29.27´ **SALT LAKE CITY**
4154 B Class I, ARFF Index A NOTAM FILE TWF MON Airport **H–3D, L–11C**
RWY 08–26: H8703X150 (ASPH–PFC) S–75, D–200, 2S–175, 2D–250 **IAP, AD**
PCN 46 F/D/W/T HIRL
RWY 08: REIL. VASI(V4L)—GA 3.0º TCH 58´.
RWY 26: MALSR. PAPI(P4L)—GA 3.0º TCH 55´.
RWY 12–30: H3224X75 (ASPH) S–19 PCN 8 F/D/Z/T 1.3% up SE
RWY 12: Trees.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 08	12–30	4500
RWY 12	08–26	2750
RWY 26	12–30	3600

SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 3 **LGT** When twr clsd ACTIVATE HIRL Rwy 08–26, MALSR Rwy 26, REIL Rwy 08—CTAF.
AIRPORT REMARKS: Attended 1330–0300Z‡. Additional fuel svc fee btn 0300–1330Z‡, call 208–733–5920 or 539–4034 for info. Parachute Jumping. No line of sight btn AER 26 and AER 12. PPR for unscheduled air carrier ops with more than 30 pax seats call arpt mgr 208–733–5215. Rwy 12–30 and Twy G, Twy H, Twy J and Twy K non–air carrier movement area. Ldg fee for all FAR Part 121, 135 ops and general aviation Part 91 acft greater than 12,500 lbs max GWT. For info ctc arpt mgr 208–733–5215.
AIRPORT MANAGER: 208-733-5215
WEATHER DATA SOURCES: ASOS 135.025 (208) 733–1878. SAWRS/WSO/AG.
COMMUNICATIONS: CTAF 118.2 **UNICOM** 122.95
TWIN FALLS RCO 122.25 (BOISE RADIO)
TWIN FALLS APP/DEP CON 126.7 (1300–0400Z‡)
Ⓡ **SALT LAKE CENTER APP/DEP CON** 118.05 (0400–1300Z‡)
TWIN FALLS TOWER 118.2 (1300–0400Z‡) **GND CON** 121.7 **CLNC DEL** 123.65
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS D svc 1300–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE TWF.
TWIN FALLS (L) VORTACW 115.8 TWF Chan 105 N42º28.79´ W114º29.37´ at fld. 4140/18E.
VOR portion unusable:
115º–160º byd 30 NM blo 11,000´
115º–160º byd 33 NM blo 12,000´
TACAN AZIMUTH & DME unusable:
105º–160º byd 20 NM blo 15,000´
STRIK NDB (LOM) 389 TW N42º28.72´ W114º21.27´ 259º 5.9 NM to fld.
ILS 108.3 I–TWF Rwy 26. Class IE. LOM STRIK NDB. Unmonitored when ATCT clsd.
COMM/NAV/WEATHER REMARKS: Frequency 121.5 not avbl at twr.

TYHEE N42º57.83´ W112º30.98´ NOTAM FILE PIH. **SALT LAKE CITY**
NDB (LOMW) 383 PI 210º 4.8 NM to Pocatello Rgnl. 4462/17E. **L–11C**

UPPER LOON CREEK USFS (See CHALLIS on page 40)

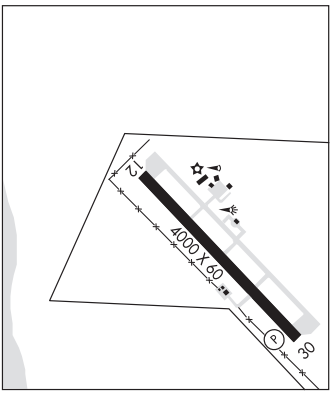
W E RANCH (See THATCHER on page 71)

WARM SPRINGS CREEK (See LOWMAN on page 54)

WARREN (USFS) (3U1) 0 NW UTC–7(–6DT) N45º16.09´ W115º41.02´ **GREAT FALLS**
5902 NOTAM FILE BOI
RWY 12–30: 2765X50 (DIRT) 1.2% up SE
RWY 12: Trees.
RWY 30: Road.
AIRPORT REMARKS: Unattended. No winter maint. Rwy width varies from 65´ to 85´. Recommend land Rwy 12, tkf Rwy 30 when wind cond allow. Downdrafts prevalent Rwy 12 summer months. Recommended use early morning and late evening in summer. Not recommended for inexperienced pilots. Do not use adjacent pvt road southwest of rwy for tkf or ldg. Road crosses rwy aprx 800´ from Rwy 12 thld. No telephone avbl at arpt. Rwy 12 thld marked with white rock. Rwy 30 thld poorly defined. Rwy 12–30 has some loose rocks to 2" in diameter, isolated spots of embedded flat rocks to 6" in diameter and some spotty weed growth to 12". Rwy 12 +4´ dredge tailings 0´, 65´ rgt, +4´ dredge tailings 350´ cntrln, +200´ ridge at 1000´ on cntrln. Rwy 30 +25´ bldg at 70´, 85´ left +10´ bldg at 130´, 70´ left +10´ pvt road at 130´, 35´ left +5´ log fence at 100´ 25´ left.
AIRPORT MANAGER: (208) 634-0975
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WEATHERBY USFS (See ATLANTA on page 32)

WEISER MUNI (S87) 3 S UTC–7(–6DT) N44º12.28´ W116º57.63´ **SALT LAKE CITY**
2120 B NOTAM FILE BOI **L–11B**
RWY 12–30: H4000X60 (ASPH) S–12.5 MIRL **IAP**
RWY 12: REIL. Trees.
RWY 30: REIL. PAPI(P4L)—GA 3.0º TCH 38´. Fence.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 12–30 and REIL Rwy 12 and Rwy 30—CTAF. PAPI Rwy 30 opr continuously.
AIRPORT REMARKS: Attended Mon–Sat 1600–0000Z‡. Birds on and invof arpt. Extv AG ops Mar–Oct. Rwy 12 fence lgtd with red obst light.
AIRPORT MANAGER: (360)-903-6901
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 128.05
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44º46.03´ W116º12.38´ 205º 46.8 NM to fld. 7333/19E.



WILSON BAR USFS (See DIXIE on page 43)

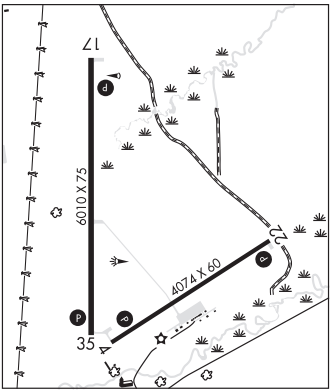
YELLOW PINE

JOHNSON CREEK (3U2) 3 S UTC–7(–6DT) N44º54.70´ W115º29.13´ **GREAT FALLS**
4960 NOTAM FILE BOI
RWY 17–35: 3400X150 (TURF) 1.6% up N
RWY 17: Hill.
RWY 35: Fence.
AIRPORT REMARKS: Attended Jun–Aug, Thu–Mon 1500–0000Z‡. Big game animals on and invof arpt. No winter maintenance. Recommend land Rwy 17, tkf Rwy 35 when wind cond allow. Numerous +60´ trees adjacent to each side of rwy. Be alert for sprinklers on rwy. Additional 250´ of length avbl for tkf on Rwy 35 end. Rwy 17–35 edges and thlds marked with white rock boundary markers. Special considerations should be given to density altitude, turbulence and mountain flying proficiency. Trrn ctn – 1500 ft rdg at 4000 ft, 400 ft R (N of Rwy 17).
AIRPORT MANAGER: 208-334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

REED RANCH (I92) 12 SW UTC–7(–6DT) N44º53.50´ W115º42.78´ **GREAT FALLS**
4157 NOTAM FILE BOI
RWY 16–34: 2175X100 (TURF–DIRT)
RWY 16: Tree.
RWY 34: Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1 to Apr 30 exc for emerg ops. No line of sight btn rwy ends. No snow removal. Preferred land Rwy 16, depart Rwy 34. All ops conducted in VFR cond. Rwy 16–34 marked with white rock boundary markers. Arpt lctd in valley surrounded by high terrain all quads.
AIRPORT MANAGER: (208) 334-8775
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

ANACONDA

BOWMAN FLD (3U3) 3 NE UTC–7(–6DT) N46º09.20´ W112º52.06´ **GREAT FALLS**
5034 B NOTAM FILE GTF **H–1D, L–13C**
RWY 17–35: H6010X75 (ASPH) MIRL 0.6% up S **IAP**
RWY 17: PAPI(P2L)—GA 3.0º TCH 40´.
RWY 35: PAPI(P2L)—GA 3.0º TCH 40´. Rgt tfc.
RWY 04–22: H4074X60 (ASPH) S–18, D–25 MIRL 1.0% up SW
RWY 04: PAPI(P2L)—GA 3.25º TCH 44´.
RWY 22: PAPI(P2L)—GA 3.0º TCH 22´.
SERVICE: **LGT** ACTIVATE PAPI Rwy 17 and Rwy 35, and Rwy 04 and Rwy 22; MIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Unattended. Cold temperature airport. Altitude correction required at or below –25C. Phone on fld. Unlgtd hazardous stack 585´AGL lctd 3.2 NM southwest of arpt.
AIRPORT MANAGER: 406-593-1702
WEATHER DATA SOURCES: AWOS–AV 122.8 (406) 563–8275.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 132.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTM.
COPPERTOWN (L) VORW/DME 111.6 CPN Chan 53 N46º01.92´ W112º44.85´ 309º 8.8 NM to fld. 5780/16E.
VOR portion unusable:
157º–275º byd 22 NM blo 16,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–100º byd 20 NM blo 15,000´
DME portion unusable:
157º–275º byd 22 NM blo 17,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–127º byd 22 NM blo 15,000´
COMM/NAV/WEATHER REMARKS: AWOS avbl–CTAF.



ASHLAND

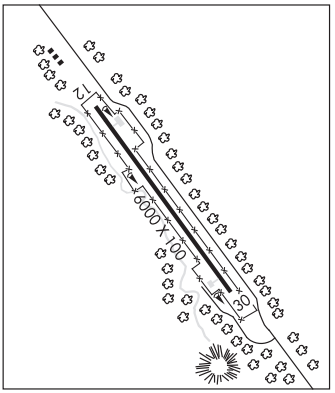
ST LABRE MISSION (3U4) 1 NW UTC–7(–6DT) N45º36.39´ W106º16.46´ **BILLINGS**
2909 NOTAM FILE GTF
RWY 13–31: 3830X95 (GRVL–DIRT)
RWY 13: Tree.
RWY 31: Tree.
AIRPORT REMARKS: Unattended. Vehicles and horses invof rwy. 100´ lgtd antenna 1/2 mile SW of arpt on hill. Rwy 13–31 muddy when wet. Rwy 13–31 1´ to 2´ dirt berm on edge of rwy and thlds.
AIRPORT MANAGER: (406) 784-4595
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

STEVENS RANCH (1M6) 19 SE UTC–7(–6DT) N45º17.28´ W106º08.72´ **BILLINGS**
3300 NOTAM FILE GTF Not insp.
RWY 15–33: 2268X40 (TURF)
RWY 01–19: 1571X40 (TURF)
AIRPORT MANAGER: 406 784 2469
COMMUNICATIONS: CTAF 122.9

AUGUSTA

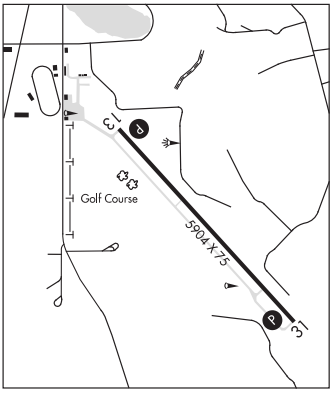
AUGUSTA (3U5) 2 SE UTC–7(–6DT) N47º27.81´ W112º22.81´ **GREAT FALLS**
4145 NOTAM FILE GTF
RWY 01–19: 3650X75 (TURF) 0.7% up S
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt including rattlesnakes. Unltd vehicle access to arpt. Rwy 01–19 gopher holes on rwy sfc. Rwy 01–19 NSTD markings, marked with white cones.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BENCHMARK (3U7) 19 W UTC–7(–6DT) N47º28.92´ W112º52.34´ **GREAT FALLS**
5434 NOTAM FILE GTF **H–1D, L–13C**
RWY 12–30: H6000X100 (ASPH) S–45, D–80, 2D–140 2.0% up SE
RWY 12: Trees.
RWY 30: Trees.
AIRPORT REMARKS: Unattended. No snow removal winters. No svcs avbl. Mountains parallel east and west of arpt. Rwy 30 recommended dep rwy cond permitting. Rwy 12 rises uphill 120´ with rising terrain byd. Rwy subj to moderate to severe crosswinds and turbulence. Rwy 12–30 markings faded and almost non–existant. Arpt is lctd within the Lewis and Clark National Forest.
AIRPORT MANAGER: (406) 495-3832
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47º27.00´ W111º24.73´ 256º 59.5 NM to fld. 3672/16E.



BABB (49S) 1 SE UTC–7(–6DT) N48º50.89´ W113º25.76´ **GREAT FALLS**
4518 NOTAM FILE GTF
RWY 14–32: 3860X110 (TURF) 0.8% up NW
RWY 14: Trees.
RWY 32: Rgt tfc.
AIRPORT REMARKS: Unattended. No snow removal. Livestock on and invof arpt. Gopher holes on rwy sfc. Rwy 14–32 soft when wet. Tall grass at north end. Rwy 14 markings NSTD, tires faded and obscured by weeds. Rwy 14–32 edge marked with painted tires full length.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BAKER MUNI (BHK)(KBHK) 1 SE UTC–7(–6DT) N46º20.80´ W104º15.49´ **BILLINGS**
2981 B NOTAM FILE BHK **H–2H, L–13E**
RWY 13–31: H5904X75 (ASPH–GRVD) S–20, D–26 MIRL **IAP**
0.3% up SE
RWY 13: REIL. PAPI(P2L)—GA 3.25º TCH 39´.
RWY 31: REIL. PAPI(P2L)—GA 3.0º TCH 28´.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** REIL Rwy 13 and Rwy 31, PAPI Rwy 13 and Rwy 31 MIRL Rwy 13–31 opr dusk–0500Z‡ after 0500Z‡ ACTIVATE—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡, Sat 1500–1900Z‡.
AIRPORT MANAGER: 406-778-3508
WEATHER DATA SOURCES: ASOS 135.475 (406) 778–3312.
COMMUNICATIONS: CTAF 122.9
Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE DIK.
DICKINSON (H) VORTACW 112.9 DIK Chan 76 N46º51.60´ W102º46.41´ 230º 68.7 NM to fld. 2527/14E.
VOR unusable:
260º–270º



BENCHMARK (See AUGUSTA on page 76)

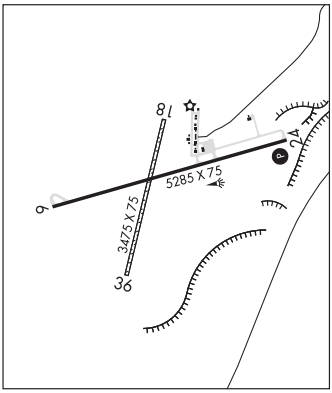
BERT MOONEY (See BUTTE on page 82)

BIG HORN CO (See HARDIN on page 97)

BIG SANDY (3U8) 1 S UTC–7(–6DT) N48º09.81´ W110º06.86´ **GREAT FALLS**
2699 B TPA—3499(800) NOTAM FILE GTF **L–13D**
RWY 06–24: H3570X60 (ASPH) S–12.5 MIRL
RWY 06: PAPI(P2L)—GA 3.0º TCH 30´.
RWY 24: PAPI(P2L)—GA 3.0º TCH 30´. Road.
RWY 13–31: 2100X100 (TURF)
RWY 13: P–line.
RWY 31: Road.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended on call.
AIRPORT MANAGER: 406-378-2361
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.
HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 195º 26.5 NM to fld. 2583/16E.

BIG SKY FLD (See CULBERTSON on page 86)

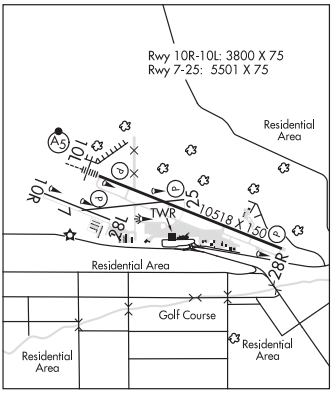
BIG TIMBER (6SØ) 3 SW UTC–7(–6DT) N45º48.39´ W109º58.70´ **GREAT FALLS**
4494 B NOTAM FILE GTF **H–1E, L–13D**
RWY 06–24: H5285X75 (ASPH) S–12 MIRL 0.6% up SW **IAP**
RWY 24: PAPI(P2L)—GA 3.0º TCH 45´.
RWY 18–36: 3475X75 (TURF) 0.7% up S
SERVICE: S4 **FUEL** 100LL, JET A **LGT** PAPI Rwy 24; MIRL Rwy 06–24 opr dusk–midnight, otr times ACTVT—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡, Sat–Sun on call. For attendant Sat–Sun call 406–932–4389. Rwy 18–36 thlds marked with cones. 100LL and Jet A fuel avbl upon req. Call 406–932–4389 or 406–930–1683.
AIRPORT MANAGER: 406-930-1040
WEATHER DATA SOURCES: AWOS–3 132.050 (406) 932–6051.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SALT LAKE CENTER APP/DEP CON** 127.75
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE LVM.
LIVINGSTON (L) VORW/DME 116.1 LVM Chan 108 N45º42.15´ W110º26.55´ 057º 20.5 NM to fld. 4653/15E.
VOR/DME unusable:
100º–190º byd 15 NM
255º–280º byd 20 NM
345º–041º byd 15 NM



BIGFORK

FERNDALE AIRFIELD (53U) 3 NE UTC–7(–6DT) N48º03.63´ W114º00.07´ **GREAT FALLS**
3072 TPA—See Remarks NOTAM FILE GTF
RWY 15–33: 3500X95 (TURF) 0.7% up SE
RWY 15: Trees.
RWY 33: Trees.
SERVICE: S4
AIRPORT REMARKS: Unattended. Snow removal may be delayed call for conditions 406–257–5994. Rwy 15–33 white cones mark full rwy length. Red tfc cones mark each rwy thld with 100 foot displaced threshold. TPA—Dep procedure straight out through TPA of 4072(1000).
AIRPORT MANAGER: 406-257-5994
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BILLINGS LOGAN INTL (BIL)(KBIL) 2 NW UTC–7(–6DT) N45°48.47´ W108°32.61´ **BILLINGS**
3662 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE BIL **H–1E, L–13D**
RWY 10L–28R: H10518X150 (ASPH–GRVD) S–120, D–214, 2S–175, 2D–365 PCN 55 F/B/X/T HIRL **IAP, AD**
RWY 10L: MALSR. PAPI(P4L)—GA 3.0° TCH 51´. RVR–T 0.8% down.
RWY 28R: REIL. PAPI(P4R)—GA 3.0° TCH 56´. RVR–R Ground. 1.0% up.
RWY 07–25: H5501X75 (ASPH–GRVD) S–12.5 PCN 7 F/B/X/U MIRL 1.9% up SW
RWY 07: PAPI(P4L)—GA 3.0° TCH 31´. Ground.
RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 36´.
RWY 10R–28L: H3800X75 (ASPH) S–12.5 PCN 4 F/B/X/U MIRL 1.3% up NW
RWY 10R: Ground.



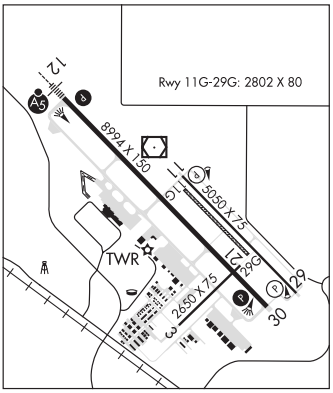
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–5501 TODA–5501 ASDA–5501 LDA–5501
RWY 10L: TORA–10518 TODA–10518 ASDA–10518 LDA–10518
RWY 10R: TORA–3801 TODA–3801 ASDA–3801 LDA–3801
RWY 25: TORA–5501 TODA–5501 ASDA–5501 LDA–5501
RWY 28L: TORA–3801 TODA–3801 ASDA–3801 LDA–3801
RWY 28R: TORA–10518 TODA–10518 ASDA–10518 LDA–10518
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** For MIRL Rwy 10R–28L and Rwy 07–25, HIRL Rwy 10L–28R, MALSR Rwy 10L and REIL Rwy 25 and Rwy 28R ctc twr.
AIRPORT REMARKS: Attended continuously. Rwy 07–25 and Rwy 10R–28L clsd to acft over 12,500 lbs. No cstms, remote acft parking, ltd gnd handling svc. Migratory waterfowl invof arpt. Twy D 35´ wide clsd to acft over 12,500 lbs. Class I, ARFF Index C. PPR unscheduled air carrier ops with more than 30 pax seats ctc arpt ops 406–657–8496. ARFF Index B from 0900–1200Z‡. 180° turns Rwy 10L–28R by acft over 25,000 lbs prohibited. TPA—Single engine acft 4500 (838), multi engine/turbojet acft 5000 (1338).
AIRPORT MANAGER: (406) 657-8484
WEATHER DATA SOURCES: ASOS 126.3 (406) 255–2790. LLWAS.
COMMUNICATIONS: ATIS 126.3 **UNICOM** 122.95
RCO 122.55 (GREAT FALLS RADIO)
® **APP/DEP CON** 119.2 EAST 120.5 WEST
TOWER 127.2 **GND CON** 121.9
PRE TAXI CLNC 121.9
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
(H) VORTACW 114.5 BIL Chan 92 N45°48.51´ W108°37.48´ 077° 3.4 NM to fld. 3811/14E.
ILS/DME 111.5 I–BIL Chan 52 Rwy 10L. Class IT.
ILS/DME 111.5 I–BMO Chan 52 Rwy 28R. Class IA. Localizer unusable beyond 20 degrees left and right of course.

BLACK BUTTE NORTH (See WINIFRED on page 126)

BOULDER (3U9) 2 S UTC–7(–6DT) N46°12.70´ W112°06.46´ **GREAT FALLS**
4968 NOTAM FILE GTF
RWY 11–29: 3675X72 (TURF) 1.6% up W
AIRPORT REMARKS: Unattended. No snow removal. Rwy 11–29 NSTD markings, thlds and edges marked with white cones. –2´ drainage ditch +1´ berm west side of rwy full length, 43´ from Rwy 11–29 cntrln.
AIRPORT MANAGER: (406) 431-7519
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Helena Apch at 406-449-5756/5761, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.

BOWMAN FLD (See ANACONDA on page 75)

BOZEMAN YELLOWSTONE INTL (BZN)(KBZN) 7 NW UTC–7(–6DT) N45°46.63´ W111°09.02´ **GREAT FALLS H–1E, L–13C IAP, AD**
4473 B TPA—See Remarks AOE Class I, ARFF Index C NOTAM FILE BZN MON Airport
RWY 12–30: H8994X150 (ASPH–GRVD) S–120, D–250, 2D–550, 2D/2D2–1120 PCN 123F/A/X/T HIRL
RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 53´. 0.5% up.
RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 45´. 0.3% down.
RWY 11–29: H5050X75 (ASPH–GRVD) S–12.5 PCN 61 F/A/X/U MIRL 0.4% up E
RWY 11: PAPI(P4L)—GA 3.0° TCH 42´.
RWY 29: PAPI(P4L)—GA 3.0° TCH 47´.
RWY 11G–29G: 2802X80 (TURF) 0.3% up E
RWY 03–21: H2650X75 (ASPH–GRVD) S–12.5 PCN 90 F/A/X/T 0.7% up SW



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 12	03–21	6841

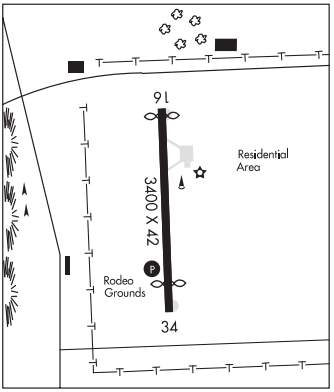
RUNWAY DECLARED DISTANCE INFORMATION

RWY 03:	TORA–2650	TODA–2650	ASDA–2650	LDA–2650
RWY 11:	TORA–5050	TODA–5050	ASDA–5050	LDA–5050
RWY 12:	TORA–8994	TODA–8994	ASDA–8994	LDA–8994
RWY 21:	TORA–2650	TODA–2650	ASDA–2650	LDA–2650
RWY 29:	TORA–5050	TODA–5050	ASDA–5050	LDA–5050
RWY 30:	TORA–8994	TODA–8994	ASDA–8994	LDA–8994

SERVICE: S4 **FUEL** 100, 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwy 12; PAPI Rwy 12 and Rwy 30; HIRL Rwy 12–30; MIRL Rwy 11–29—CTAF. At all times ACTIVATE REIL Rwy 30—CTAF.
AIRPORT REMARKS: Attended 1300–0700Z‡. Migratory birds invof arpt. Glider ops on and invof arpt. Parachute Jumping. HVY student TRNG ACTVTY WI 15 MIS of AP. Rwy 12 is normally used for arrivals/departures when the wind speed is less than 10 knots. If aircraft is unable to use Rwy 12, other rwys may be used but delays may occur. Ldg area 11G–29G turf located 240´ south of Rwy 11–29. Avbl when dry with ATC apvl. Marked with white cones. Rwy 21 btn Rwy 12–30 and Twy A avbl for acft greater than 12,500 lbs day/VFR only. Snow removal eqpt monitors CTAF. Tkf Rwy 03 prohibited until after confirming no tfc using Rwy 12. TPA—Single Engine acft 5302(829), Multi Engine/Turbojet acft 5802(1329). Cold temperature airport. Altitude correction required at or below –31C. U.S. Customs avbl 1600–2400Z‡ Thu–Mon. Ldg fee for acft over 12,500 lbs.
AIRPORT MANAGER: 406-388-6632
WEATHER DATA SOURCES: ASOS 135.425 (406) 388–4882.
COMMUNICATIONS: CTAF 118.2 **ATIS** 135.425 (406–388–4767) **UNICOM** 122.95
RCO 122.5 (GREAT FALLS RADIO)
Ⓡ **BIG SKY APP/DEP CON** 118.975 (1200–0615Z‡)
Ⓡ **SALT LAKE CENTER APP/DEP CON** 118.975 (0615–1200Z‡)
TOWER 118.2 (1200–0800Z‡) **GND CON** 121.8
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS D svc 1200–0800Z‡ other times CLASS E..
RADIO AIDS TO NAVIGATION: NOTAM FILE BZN.
(H) VORW/DME 112.4 BZN Chan 71 N45°47.03´ W111°09.33´ at fld. 4436/18E.
VOR portion unusable:
360°–105° byd 20 NM
DME portion unusable:
350°–105° byd 20 NM
MANNI NDB (MHW/LOM) 266 BZ N45°52.32´ W111°17.14´ 122° 8.0 NM to fld. 4218/13E.
NDB unusable:
340°–110° byd 15 NM
ILS 109.3 I–BZN Rwy 12. Class IB. LOM MANNI NDB.

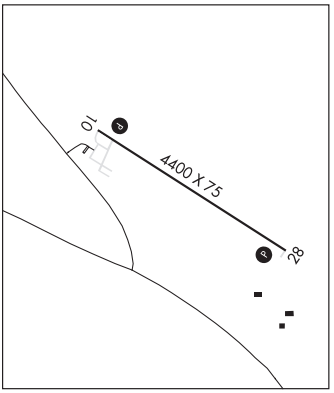
BRIDGER MUNI (6S1) 0 W UTC–7(–6DT) N45°17.50´ W108°55.54´ **BILLINGS**
3720 B NOTAM FILE GTF **L–13D**

RWY 16–34: H3400X42 (ASPH) S–4 LIRL(NSTD)
RWY 16: Thld dsplcd 120´. Tree.
RWY 34: PAPI(P2L)—GA 3.0°. Thld dsplcd 475´. Rgt tfc.
SERVICE: **LGT** ACTIVATE LIRL Rwy 16–34, PAPI Rwy 34—CTAF.
AIRPORT REMARKS: Unattended. Deer and waterfowl on and invof arpt. Rwy 16 thld relocated 120´ for ngt ops only not marked. Rwy 34 dsplcd thld marked by numbers 3280´ avbl for ngt ops. Rwy 16–34 NSTD LIRL. West side 57´ from pavement edge, East side 47´ from pavement edge. Each thld has 4 lgts total.
AIRPORT MANAGER: (406) 425-4218
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51´ W108°37.48´ 188° 33.5 NM to fld. 3811/14E.



BROADUS (ØØF) 3 NW UTC–7(–6DT) N45°28.23´ W105°27.43´ **BILLINGS**
3282 B NOTAM FILE GTF **L–13E**

RWY 10–28: H4400X75 (ASPH) S–12.5 MIRL 0.4% up W
RWY 10: PAPI(P2L)—GA 3.0° TCH 25´. Rgt tfc.
RWY 28: PAPI(P2L)—GA 3.0° TCH 25´.
SERVICE: **FUEL** 100LL, JET A **LGT** MIRL Rwy 10–28, PAPI Rwy 10 and Rwy 28 opr dusk–1700, after 1700 ACTIVATE—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: (406) 672-5546
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93´ W105°57.21´ 150° 58.5 NM to fld. 2666/9E.



BROWNING

STARR–BROWNING AIRSTRIP (8SØ) 5 NW UTC–7(–6DT) N48º36.06´ W113º06.92´ **GREAT FALLS**
4657 B NOTAM FILE GTF **L–13C**

RWY 06–24: H4051X74 (ASPH) MIRL 0.9% up SW

SERVICE: **LGT** ACTIVATE MIRL Rwy 06–24—CTAF.

AIRPORT REMARKS: Unattended. Livestock on and invof arpt. Irregular snow removal. NSTD markings Rwy 06–24. NSTD cntrln striping, no rwy edge lines, no marker bars.

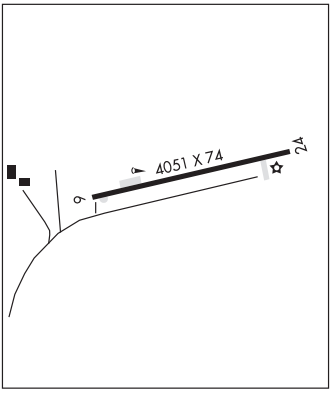
AIRPORT MANAGER: 406-444-2506

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.

CUT BANK (L) VORW/DME 113.35 CTB Chan 80(Y) N48º33.90´ W112º20.60´ 257º 30.8 NM to fld. 3791/17E.



BULLWHACKER (See WINIFRED on page 127)

BUTTE

BERT MOONEY (BTM)(KBTM) 3 SE UTC–7(–6DT) N45º57.29´ W112º29.85´ **GREAT FALLS H–1D, L–13C IAP, AD**

5551 B LRA Class I, ARFF Index A NOTAM FILE BTM

RWY 15–33: H9000X150 (ASPH–GRVD) S–60, D–125, 2S–175, 2D–175 PCN 45 F/A/X/T MIRL

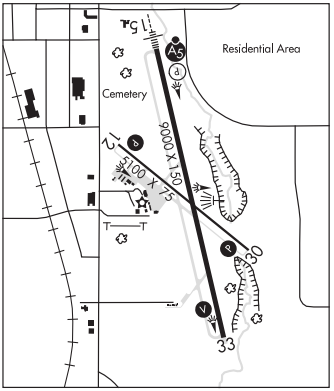
RWY 15: MALSR. PAPI(P4L)—GA 3.5º TCH 55´. Rgt tfc. 0.5% up.

RWY 33: VASI(V2L)—GA 3.0º TCH 74´. Tower. 0.4% down.

RWY 12–30: H5100X75 (ASPH–GRVD) S–12.5 PCN 3 F/A/X/U MIRL

RWY 12: REIL. PAPI(P2L)—GA 4.0º TCH 39´. Road.

RWY 30: REIL. PAPI(P2L)—GA 4.0º TCH 46´. Bldg.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA–5100 TODA–5100 ASDA–5100 LDA–5100

RWY 15: TORA–9000 TODA–9000 ASDA–9000 LDA–9000

RWY 30: TORA–5100 TODA–5100 ASDA–5100 LDA–5100

RWY 33: TORA–9000 TODA–9000 ASDA–9000 LDA–9000

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 12 PAPI straight–in only. Rwy 33 do not use VASI byd 1.5 miles due to high terrain. PAPI rstd to 2.1 NM from Rwy 30 thld due to high terrain. MIRL Rwy 15–33 preset low ints dusk–dawn, MIRL Rwy 12–30 avbl on req 0600Z‡ to dawn. ACTIVATE MALSR Rwy 15; REIL Rwy 12 and Rwy 30; PAPI Rwy 12 and Rwy 30; VASI Rwy 33; MIRL Rwy 15–33 and Rwy 12–30—CTAF. PAPI Rwy 15 opr continuously.

AIRPORT REMARKS: Attended dawn–dusk. Deer invof arpt. Snow removal ops in progress dur periods of snow. Cold temperature airport. Altitude correction required at or below –25C. Surface conditions unmonitored between midnight and 5 a.m. PPR for unscheduled air carrier ops with more than 30 pax seats call arpt mgr 406–494–3771. Rwy 12–30 rstd to acft 12,500 lbs per single wheel load. Twy D rstd to acft 12,500 lbs or less btn Rwy 30 apch end and Rwy 15–33, and Twy D btn Rwy 12 apch end and Twy F. Rwy 12–30 from Rwy end 30 to Rwy 15–33 and from Twy F to Rwy end 12 not avbl for air carrier acft over 12,500 lbs. Fee for all coml acft and acft over 10,000 lbs. Ldg fee.

AIRPORT MANAGER: 406-494-3771

WEATHER DATA SOURCES: ASOS 135.175 (406) 494–1870.

COMMUNICATIONS: CTAF/UNICOM 123.0

BUTTE RCO 122.2 (GREAT FALLS RADIO)

COPPERTOWN RCO 122.65 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 132.4

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTM.

COPPERTOWN (L) VORW/DME 111.6 CPN Chan 53 N46º01.92´ W112º44.85´ 098º 11.4 NM to fld. 5780/16E.

VOR portion unusable:

157º–275º byd 22 NM blo 16,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–100º byd 20 NM blo 15,000´

DME portion unusable:

157º–275º byd 22 NM blo 17,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–127º byd 22 NM blo 15,000´

WHITEHALL (H) VORW/DME 113.7 HIA Chan 84 N45º51.71´ W112º10.18´ 274º 14.8 NM to fld. 4652/18E.

VOR & DME unusable:

105º–160º byd 25 NM blo 17,000´
210º–230º byd 25 NM blo 17,000´
260º–310º byd 25 NM blo 17,000´
310º–330º byd 20 NM blo 17,000´
355º–050º byd 25 NM blo 15,500´

ILS/DME 110.9 I–BEY Chan 46 Rwy 15. Class IT. DME unusable byd 30º left of course.

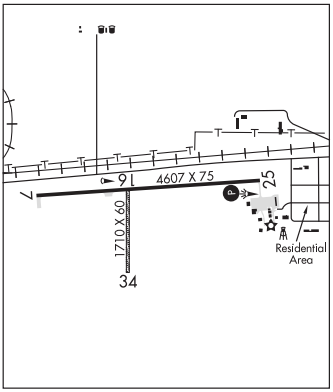
BUTTE N46º01.22´ W112º25.31´ **GREAT FALLS L–13C**

RCO 122.2 (GREAT FALLS RADIO)

CANYON FERRY (See TOWNSEND on page 122)

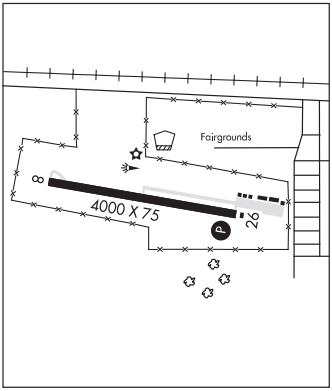
CHESTER

LIBERTY CO (LTY)(KLTY) 1 W UTC–7(–6DT) N48º30.64´ W110º59.45´ **GREAT FALLS L–13C**
3185 B TPA—3985(800) NOTAM FILE GTF
RWY 07–25: H4607X75 (ASPH–PFC) S–12.5 MIRL 0.4% up W
RWY 25: PAPI(P2L)—GA 3.0º TCH 39´.
RWY 16–34: 1710X60 (TURF) 1.1% up N
RWY 16: P–line.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 25, MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended Mar–Nov Mon–Fri 1500–0000Z‡, Dec–Feb irregular. Fuel by apntmt only 406–265–0883. Deer and antelope invof arpt. Rwy 16–34 has numerous gopher holes. Rwy 16–34 rwy ends marked with sheet metal installed on a frame fixture 2´ tall painted black and yellow. Rwy 16–34 marked with white cones full length.
AIRPORT MANAGER: (406) 265-0883
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.
HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 252º 48.7 NM to fld. 2583/16E.

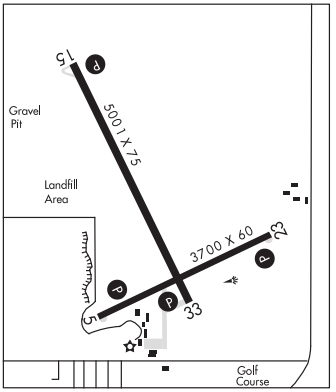


CHINOOK

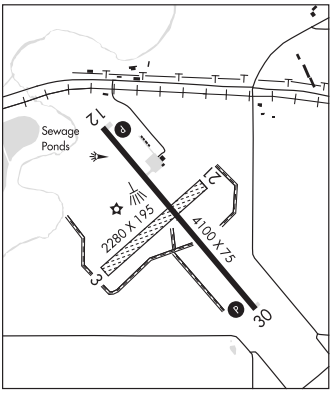
EDGAR G OBIE (S71) 1 W UTC–7(–6DT) N48º35.53´ W109º15.04´ **GREAT FALLS L–13D**
2416 B TPA—3216(800) NOTAM FILE GTF
RWY 08–26: H4000X75 (ASPH) S–12.5 MIRL
RWY 26: PAPI(P2L)—GA 4.0º TCH 37´.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 26 and MIRL Rwy 08–26 dawn–dusk—CTAF. After dusk MIRL on continuously until dawn.
AIRPORT REMARKS: Attended 1400–0200Z‡, cell 406–799–6516. Fuel, self service credit card 24/7.
AIRPORT MANAGER: (406) 799-6516
WEATHER DATA SOURCES: AWOS–AV 118.35 (406) 357–3453.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.
HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 065º 20.9 NM to fld. 2583/16E.



CHOTEAU (CII)(KCII) 1 NE UTC–7(–6DT) N47°49.70´ W112°10.10´ **GREAT FALLS**
3947 B NOTAM FILE GTF **H–1D, L–13C**
RWY 15–33: H5001X75 (ASPH) S–16 MIRL **IAP**
RWY 15: PAPI(P2L)—GA 3.0° TCH 23´.
RWY 33: PAPI(P2L)—GA 3.0° TCH 25´.
RWY 05–23: H3700X60 (ASPH) S–12.5 MIRL
RWY 05: PAPI(P2L)—GA 3.0° TCH 25´.
RWY 23: PAPI(P2L)—GA 3.0° TCH 23´. Road.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 05, 23, 15 and 33; MIRL Rwy 05–23 and Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. 100LL 24/7 self svc. Jet A+ full svc call out only aft hrs.
AIRPORT MANAGER: (406) 289-0343
WEATHER DATA SOURCES: AWOS–2 119.275 (406) 466–2259.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00´ W111°24.73´ 291° 38.2 NM to fld. 3672/16E.



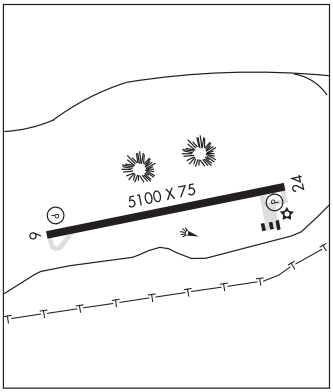
CIRCLE TOWN CO (4U6) 1 E UTC–7(–6DT) N47°25.10´ W105°33.65´ **BILLINGS**
2441 B NOTAM FILE GTF **L–13E**
RWY 12–30: H4100X75 (ASPH) S–12.5 MIRL 0.4% up SE **IAP**
RWY 12: PAPI(P2L)—GA 3.0° TCH 25´.
RWY 30: PAPI(P2L)—GA 3.0° TCH 21´.
RWY 03–21: 2280X195 (TURF)
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 12–30; PAPI Rwy 12 and Rwy 30—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. Rwy 03–21 clsd winter months. Rwy 03–21 unusable in wet wx. Rwy 03–21 thlds marked with red cones. Rwy 03–21 is rough, with long grass, rwy edges are not marked. Wind tee has been removed, use lgtd wind sock.
AIRPORT MANAGER: 406-485-2481
WEATHER DATA SOURCES: AWOS–2 119.025 (406) 485–3760.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93´ W105°57.21´ 005° 64.3 NM to fld. 2666/9E.



CLINTON

ROCK CREEK (RCØ) 3 SE UTC–7(–6DT) N46°43.63´ W113°39.46´ **GREAT FALLS**
3547 NOTAM FILE GTF
RWY 07–25: 4100X75 (TURF)
RWY 07: Hill. Rgt tfc.
RWY 25: Trees. Rgt tfc.
AIRPORT REMARKS: Unattended. Snow removal irregular. Rwy 07–25 tall weeds and clump grass full length of rwy. White cones full length of rwy. Trees and terrain in transition sfc both sides of rwy.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568

COLSTRIP (M46) 3 SW UTC–7(–6DT) N45º51.17´ W106º42.56´ **BILLINGS**
3428 B NOTAM FILE GTF **H–1E, 2G, L–13D**
RWY 06–24: H5100X75 (ASPH) S–12.5 MIRL 0.9% up SW **IAP**
RWY 06: PAPI(P2L)—GA 3.0º TCH 24´.
RWY 24: PAPI(P2L)—GA 3.0º TCH 24´.
SERVICE: **LGT** MIRL Rwy 06–24 preset low ints dusk–0800Z‡, after 0800Z‡ ACTIVATE—CTAF.
AIRPORT REMARKS: Attended on call. Cold temperature restricted airport. Altitude correction required at or below –32C. Phone avbl on arpt.
AIRPORT MANAGER: 406-748-3222
WEATHER DATA SOURCES: AWOS–AV 122.7 (406) 748–3849. 3 microphone clicks are req to actvt AWOS info on 122.7 mhz.
COMMUNICATIONS: CTAF/UNICOM 122.7
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46º22.93´ W105º57.21´ 216º 44.8 NM to fld. 2666/9E.



COLUMBUS

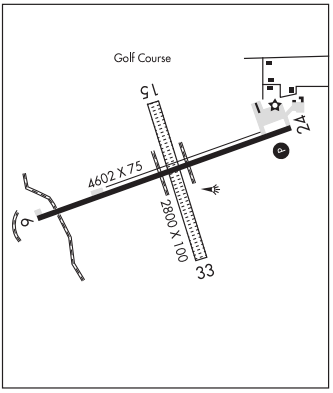
WOLTERMANN MEM (6S3) 0 SE UTC–7(–6DT) N45º37.83´ W109º14.35´ **GREAT FALLS**
3578 B NOTAM FILE GTF **L–13D**
RWY 10–28: H3800X75 (ASPH) S–12.5 PCN 5 F/C/Y/T MIRL 0.4% up W
RWY 10: PAPI(P2L)—GA 3.0º TCH 44´.
RWY 28: PAPI(P2L)—GA 3.0º TCH 25´. Brush.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 10 and Rwy 28; MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. Migratory waterfowl on and invof arpt.
AIRPORT MANAGER: 406-780-0034
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45º48.51´ W108º37.48´ 234º 28.0 NM to fld. 3811/14E.

CONDON USFS (SØ4) 1 NW UTC–7(–6DT) N47º32.33´ W113º43.22´ **GREAT FALLS**
3686 NOTAM FILE GTF
RWY 13–31: 2575X135 (TURF)
RWY 13: Trees.
RWY 31: Trees.
AIRPORT REMARKS: Unattended. No snow removal. Trees in all transitional sfcs. Rwy 13–31 measured from Rwy 31 marked thld to end of Rwy 13 maintained area. Rwy 13 white cones marking full length. Full len of Rwy 31 mkd by w cones.
AIRPORT MANAGER: 406-754-2295
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

CONNER

WEST FORK LODGE (4U7) 5 SW UTC–7(–6DT) N45º51.74´ W114º13.07´ **GREAT FALLS**
4249 NOTAM FILE GTF
RWY 02–20: 2600X65 (TURF–GRVL) 0.7% up S
RWY 02: Tree.
RWY 20: Road.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended continuously. Rwy 02–20 plowed winter months. Intermittent snow removal check with mgr for conditions. Livestock, birds and wildlife invof arpt. Steep terrain surrounding arpt. Recommended tkf Rwy 20 when conditions allow.
AIRPORT MANAGER: (831) 884-3602
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

CONRAD (SØ1) 1 W UTC–7(–6DT) N48º10.10´ W111º58.59´ **GREAT FALLS**
3548 B NOTAM FILE GTF **L–13C**
RWY 06–24: H4602X75 (ASPH) S–12.5 MIRL 0.4% up SW **IAP**
RWY 06: P–line.
RWY 24: REIL. PAPI(P2L)—GA 3.0º TCH 27´.
RWY 15–33: 2800X100 (TURF) 0.4% up SE
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 24; PAPI Rwy 24; MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Unattended. 100LL 24/7 self svc. Twys have reflectors.
AIRPORT MANAGER: (406) 450-1620
COMMUNICATIONS: CTAF/AUNICOM 122.8
CUT BANK RCO 122.2 (GREAT FALLS RADIO)
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.
CUT BANK (L) VORW/DME 113.35 CTB Chan 80(Y) N48º33.90´ W112º20.60´ 131º 28.0 NM to fld. 3791/17E.

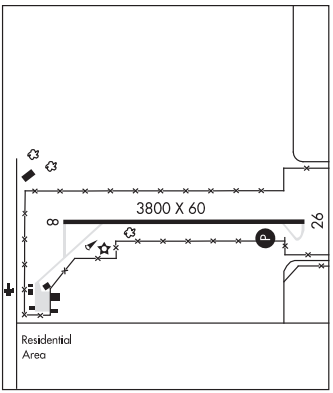


COPPERTOWN N46º01.92´ W112º44.85´ NOTAM FILE BTM. **GREAT FALLS**
(L) VORW/DME 111.6 CPN Chan 53 309º 8.8 NM to Bowman Fld. 5780/16E. **L–13C**
VOR portion unusable:
157º–275º byd 22 NM blo 16,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–100º byd 20 NM blo 15,000´
DME portion unusable:
157º–275º byd 22 NM blo 17,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–127º byd 22 NM blo 15,000´
RCO 122.65 (GREAT FALLS RADIO)

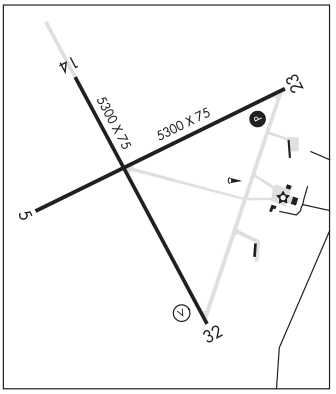
COW CREEK (See WINIFRED on page 127)

CULBERTSON

BIG SKY FLD (S85) 1 NE UTC–7(–6DT) N48º09.21´ W104º30.24´ **BILLINGS**
1953 B NOTAM FILE GTF **L–13E**
RWY 08–26: H3800X60 (ASPH) S–12.5 MIRL 0.5% up W
RWY 08: Tree.
RWY 26: PAPI(P2L)—GA 3.0º TCH 27´.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26 and PAPI Rwy 26—CTAF.
AIRPORT REMARKS: Unattended. On call all hrs 406–787–6680/0660. Fuel, self service credit card 24/7.
AIRPORT MANAGER: 406-787-5271
WEATHER DATA SOURCES: AWOS–2 120.000 (406) 787–5819.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.
WILLISTON (L) VORW/DME 116.3 ISN Chan 110 N48º15.21´ W103º45.04´ 251º 30.8 NM to fld. 2372/8E.

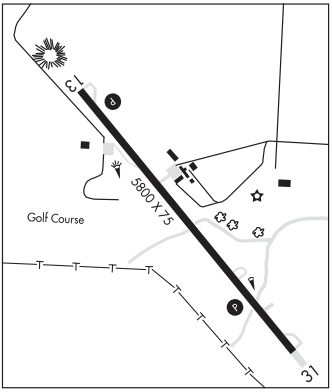


CUT BANK INTL (CTB)(KCTB) 3 SW UTC–7(–6DT) N48º36.50´ W112º22.57´ **GREAT FALLS H–1D, L–13C IAP**
3858 B AOE LRA NOTAM FILE CTB MON Airport
RWY 05–23: H5300X75 (ASPH) S–27.5, D–37.5 PCN 10 F/D/Y/U
MIRL 0.3% up SW
RWY 23: PAPI(P2L)—GA 3.0º TCH 39´.
RWY 14–32: H5300X75 (ASPH) S–27.5, D–37.5 PCN 10 F/D/Y/U
MIRL 0.3% up NW
RWY 32: REIL. VASI(V4L)—GA 3.0º TCH 42´.
SERVICE: FUEL 100LL, JET A, A+ **LGT** VASI Rwy 32 on 24 hrs.
ACTIVATE MIRL Rwy 05–23 and Rwy 14–32, PAPI Rwy 23, REIL Rwy 32—CTAF.
AIRPORT REMARKS: Attended 1530–0030Z‡. For fuel after hrs call 406–873–8683 or 406–229–0376 cell. AG acft ops from Apr–Aug. 24 hr cstms avbl on call–out 406–335–9610 ext 314. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 406-873-8683
WEATHER DATA SOURCES: ASOS 119.025 (406) 873–2939. Opr full–time 0700–0659Z‡.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.2 (GREAT FALLS RADIO)
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.
(L) VORW/DME 113.35 CTB Chan 80(Y) N48º33.90´ W112º20.60´ 316º 2.9 NM to fld. 3791/17E.



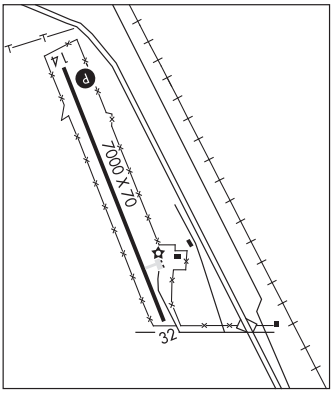
DAWSON COMMUNITY (See GLENDIVE on page 94)

DEER LODGE–CITY–COUNTY (38S) 2 W UTC–7(–6DT) N46º23.27´ W112º45.90´ **GREAT FALLS H–1D, L–13C IAP**
4693 B NOTAM FILE GTF
RWY 13–31: H5800X75 (ASPH) S–50, D–75 MIRL 1.1% up NW
RWY 13: PAPI(P2L)—GA 3.22º TCH 35´.
RWY 31: PAPI(P2L)—GA 2.72º TCH 25´.
SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 13–31 and PAPI Rwy 13 and Rwy 31—CTAF.
AIRPORT REMARKS: Unattended. Single wheel apron weight bearing capacity 30,000 lbs for southwest apron, 50,000 lbs for northeast apron, twy to northeast apron 50,000 lbs. Cold temperature airport. Altitude correction required at or below –23C.
AIRPORT MANAGER: 406-490-3071
WEATHER DATA SOURCES: AWOS–AV 120.025 (406) 846–1177.
COMMUNICATIONS: CTAF 122.9
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BTM.
COPPERTOWN (L) VORW/DME 111.6 CPN Chan 53 N46º01.92´ W112º44.85´ 342º 21.4 NM to fld. 5780/16E.
VOR portion unusable:
157º–275º byd 22 NM blo 16,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–100º byd 20 NM blo 15,000´
DME portion unusable:
157º–275º byd 22 NM blo 17,000´
185º–200º byd 30 NM
218º–225º byd 30 NM
346º–127º byd 22 NM blo 15,000´



DELL FLIGHT STRIP (4U9) 1 NW UTC–7(–6DT) N44º44.15´ W112º43.18´ **GREAT FALLS**
6007 B NOTAM FILE GTF **H–1D, L–13C**

RWY 14–32: H7000X70 (ASPH) MIRL 0.7% up SE
RWY 14: PAPI(P2L)—GA 3.5º TCH 30´.
RWY 32: Road.
SERVICE: **LGT** ACTIVATE MIRL Rwy 14–32 and PAPI Rwy 14—CTAF.
AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 14–32 large cracks with protruding weeds throughout rwy sfc. Snow removal irregular. Rwy 14–32 marked with numbers only. Numbers NSTD size and faded.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44º05.33´ W112º12.56´ 316º 44.6 NM to fld. 4920/15E.

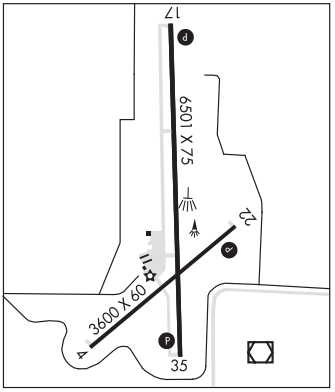


DENTON (5UØ) 0 S UTC–7(–6DT) N47º19.25´ W109º56.52´ **GREAT FALLS**
3594 NOTAM FILE GTF

RWY 09–27: 2550X180 (TURF) 0.3% up W
RWY 09: Fence.
RWY 27: Road.
AIRPORT REMARKS: Unattended. Waterfowl and migratory bird flocks common around sewage lagoons located immediately north of Rwy 27 thld.
AIRPORT MANAGER: 406-899-9310
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

DILLON (DLN)(KDLN) 4 NE UTC–7(–6DT) N45º15.32´ W112º33.15´ **GREAT FALLS**
5245 B NOTAM FILE DLN MON Airport **H–1D, L–13C**
IAP

RWY 17–35: H6501X75 (ASPH) S–60, D–75 MIRL 1.4% up S
RWY 17: PAPI(P2L)—GA 3.0º TCH 37´.
RWY 35: PAPI(P2L)—GA 3.0º TCH 24´. Fence.
RWY 04–22: H3600X60 (ASPH) S–12.5 MIRL
RWY 04: Road.
RWY 22: PAPI(P2L)—GA 3.0º TCH 30´. Ground.
SERVICE: S4 **FUEL** 100LL, JET A, A1+ **LGT** ACTIVATE MIRL Rwy 17–35 and Rwy 04–22; PAPI Rwy 17 and Rwy 22 and Rwy 35—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. For arpt attendant after hrs call 406–683–5242 or 406–250–5280. Rwy visibility blocked by hangars/buildings on Rwy 17, confirm presence of other acft prior to tkf. All departures prohibited on Rwy 04 due to rwy visibility blocked by hangars/buildings.
AIRPORT MANAGER: 406-683-5242
WEATHER DATA SOURCES: ASOS 135.225 (406) 683–5470.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.15 (GREAT FALLS RADIO)
SALT LAKE CENTER APP/DEP CON 132.4
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLN.
(H) VORW/DME 113.0 DLN Chan 77 N45º14.91´ W112º32.83´ at fld. 5257/18E.
DME portion unusable:
045º–090º byd 30 NM blo 11,700´
090º–140º byd 30 NM blo 12,600´
140º–180º byd 30 NM blo 11,500´
275º–290º byd 30 NM blo 12,500´

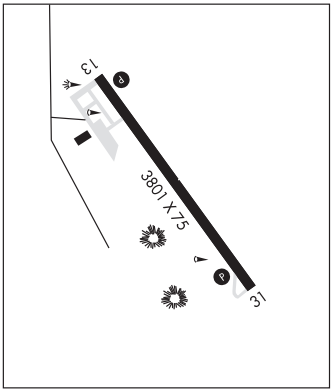


DRUMMOND (M26) 3 SW UTC–7(–6DT) N46°37.25´ W113°12.30´ **GREAT FALLS**
4245 NOTAM FILE GTF
RWY 07–25: 2400X125 (TURF)
RWY 07: Road.
RWY 25: Fence.
AIRPORT REMARKS: Unattended. Rwy 07–25 extremely soft when wet. Snow removal irregular. Rwy 07–25 is a little rough due to bunch grass and rodent holes. Rwy 07–25 marked with white cones full rwy length.
AIRPORT MANAGER: (406) 370-4178
COMMUNICATIONS: CTAF 122.9
RCO 122.25 (GREAT FALLS RADIO)

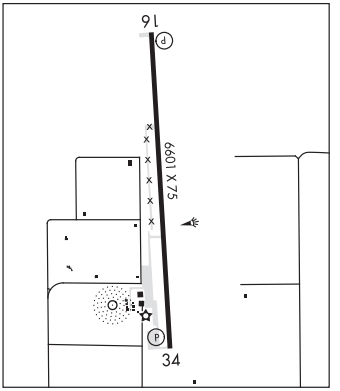
DUTTON (5U1) 1 E UTC–7(–6DT) N47°50.83´ W111°41.90´ **GREAT FALLS**
3699 B NOTAM FILE GTF
RWY 16–34: H3130X115 (ASPH–TURF) LIRL(NSTD) 1.1% up S
AIRPORT REMARKS: Unattended. Snow removal intermittent. Rwy 16–34 2330 ft x 40 ft asph superimposed on Rwy 34 end cntr portion, remainder turf. Rwy 16–34 NSTD LIRL. Rwy edge lgts dsplcd from Rwy 34 70´ right, 55´ left from rwy centerline. 2750´ of rwy lgtd for ngt ops from dusk til dawn.
AIRPORT MANAGER: (406) 788-5229
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Great Falls Apch at 406-454-7555.

EDGAR G OBIE (See CHINOOK on page 83)

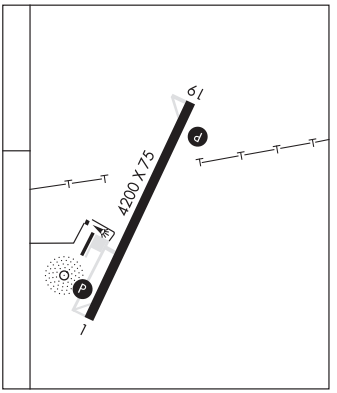
EKALAKA (97M) 2 SE UTC–7(–6DT) N45°52.59´ W104°32.26´ **BILLINGS**
3503 B NOTAM FILE GTF **L–13E**
RWY 13–31: H3801X75 (ASPH) S–12.5 MIRL 0.8% up SE
RWY 13: PAPI(P2L)—GA 3.0° TCH 24´.
RWY 31: PAPI(P2L)—GA 3.0° TCH 29´.
SERVICE: **FUEL** 100LL **LGT** MIRL Rwy 13–31 and PAPI Rwy 13 and Rwy 31 preset medium ints dusk–0700Z‡, other hrs ACTIVATE—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl self svc credit card 24/7. Bcn is lctd 1 mi NE on hill top.
AIRPORT MANAGER: (406) 775-8749
COMMUNICATIONS: CTAF 122.9
TOWER HILL RCO 122.3 (GREAT FALLS RADIO)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93´ W105°57.21´ 108° 66.4 NM to fld. 2666/9E.



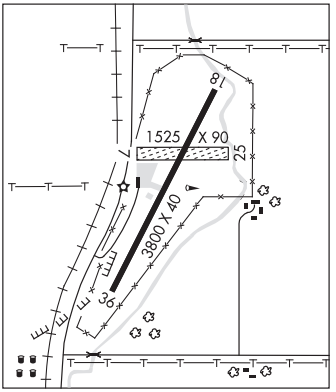
ENNIS – BIG SKY (EKS)(KEKS) 6 SE UTC–7(–6DT) N45°16.46´ W111°38.93´ **GREAT FALLS**
5423 B NOTAM FILE GTF **H–1D, L–13C**
RWY 16–34: H6601X75 (ASPH) S–30, D–47 PCN 8 F/A/Y/U MIRL **IAP**
1.1% up N
RWY 16: PAPI(P2L)—GA 3.0° TCH 25´. Rgt tfc.
RWY 34: PAPI(P2L)—GA 3.0° TCH 38´. Ground.
SERVICE: S2 **FUEL** 100LL, JET A1, A1+ **LGT** ACTIVATE MIRL Rwy 16–34—CTAF. PAPI Rwy 16 and Rwy 34 opr continuously.
AIRPORT REMARKS: Attended 1400–0000Z‡. For svc after hrs call 406–682–7502. After hrs credit card fueling. Afld sfc cond unmonitored 0400–1300Z‡. De–icing type 1 available. Rwy 16–34 1020 ft fixed distance markers each end.
AIRPORT MANAGER: 406-682-7502
WEATHER DATA SOURCES: AWOS–3P 119.85 (406) 682–3835.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**BIG SKY APP/DEP CON** 118.975
Ⓡ**SALT LAKE CENTER APP/DEP CON** 118.975
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861, if unable ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BZN.
BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45°47.03´ W111°09.33´ 196° 37.0 NM to fld. 4436/18E.
VOR portion unusable:
360°–105° byd 20 NM
DME portion unusable:
350°–105° byd 20 NM
NDB (MHW) 286 EKS N45°16.07´ W111°39.16´ at fld. 5327/15E. NOTAM FILE GTF. VFR only.



EUREKA (88M) 5 N UTC–7(–6DT) N48°58.11´ W115°04.77´ **GREAT FALLS**
2672 B NOTAM FILE GTF **L–13B**
RWY 01–19: H4200X75 (ASPH) S–12.5 0.4% up N
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40´.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40´. Trees.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 01 and Rwy 19, PAPI Rwy 01 and Rwy 19—CTAF.
AIRPORT REMARKS: Attended on call. Ultralights on and invof arpt. Fuel 24 hr self svc credit card, 406–889–5174 if necessary.
AIRPORT MANAGER: 406-889-5174
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.
KALISPELL (H) VORW/DME 113.2 FCA Chan 79 N48°12.85´ W114°10.55´ 304° 57.8 NM to fld. 2984/18E.
VOR/DME unusable:
010°–070° byd 10 NM
160°–280° byd 30 NM blo 13,000´
350°–010° byd 10 NM blo 23,000´
VOR unusable:
070°–088° byd 20 NM blo 16,000´
088°–113° byd 22 NM blo 13,000´
088°–113° byd 35 NM blo 16,000´
DME unusable:
070°–113° byd 20 NM blo 16,000´
070°–113° byd 37 NM



FAIRFIELD (5U5) 1 N UTC–7(–6DT) N47°38.03´ W111°58.87´ **GREAT FALLS**
3991 B NOTAM FILE GTF **L–13C**
RWY 18–36: H3800X40 (ASPH) LIRL(NSTD)
RWY 07–25: 1525X90 (TURF) 0.6% up W
RWY 07: Fence.
RWY 25: Fence.
SERVICE: **LGT** Rwy 18–36 LIRL OTS indefinitely. ACTIVATE NSTD LIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Unattended. Snow removal intermittent. Thld lgts set back 2´ from paved thld. Rwy 18–36 NSTD LIRL, lgts spaced 27´ from rwy edges both sides. White cones marking Rwy 07–25. Rwy 25 irrigation sprinkler ocnlly parks in apch area.
AIRPORT MANAGER: 406-590-2836
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Great Falls Apch at 406-454-7555.
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00´ W111°24.73´ 280° 25.6 NM to fld. 3672/16E.

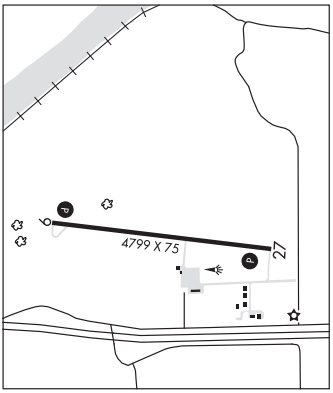


FAIRVIEW (5U6) 1 NW UTC–7(–6DT) N47°51.75´ W104°04.29´ **BILLINGS**
2152 NOTAM FILE GTF
RWY 08–26: 3000X95 (TURF) 0.5% up W
AIRPORT REMARKS: Unattended. For arpt conditions or snow removal ctc arpt manager 406–433–2415. Rwy 08–26 marked with white cones spaced 200´ apart. Thlds marked with white cones. Rwy 08–26 steep drop off both sides in center of rwy and around twy.
AIRPORT MANAGER: (406) 480-1820
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

FERNDALE AIRFIELD (See BIGFORK on page 77)

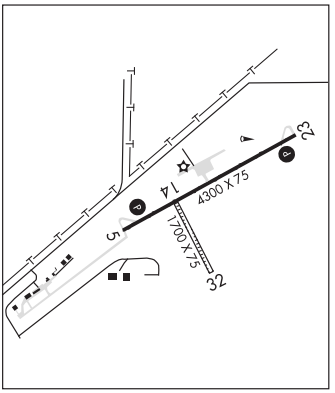
FORSYTH

TILLITT FLD (1S3) 3 E UTC–7(–6DT) N46°16.27´ W106°37.43´ **BILLINGS**
2729 B NOTAM FILE GTF **L–13D**
RWY 09–27: H4799X75 (ASPH) S–28, D–43.5 MIRL **IAP**
RWY 09: PAPI(P2L)—GA 3.0° TCH 29´.
RWY 27: PAPI(P2L)—GA 3.0° TCH 29´.
SERVICE: S4 **LGT** MIRL Rwy 09–27 operates dusk–0500Z‡, after 0500Z‡ ACTIVATE—CTAF. ACTIVATE PAPI Rwy 09 and Rwy 27—CTAF.
AIRPORT REMARKS: Attended irregularly.
AIRPORT MANAGER: 406-346-7129
WEATHER DATA SOURCES: AWOS–AV 122.8 (406) 346–2571.
COMMUNICATIONS: CTAF/UNICOM 122.8
MILES CITY RCO 122.2 255.4 (GREAT FALLS RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46°22.93´ W105°57.21´ 248° 28.7 NM to fld. 2666/9E.



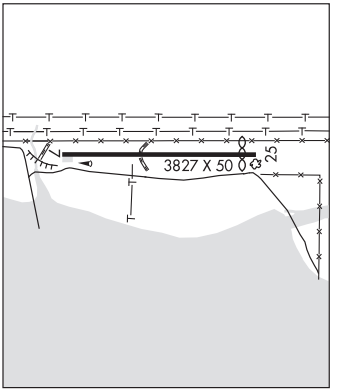
FORT BELKNAP AGENCY (See HARLEM on page 97)

FORT BENTON (79S) 1 NE UTC–7(–6DT) N47°50.65´ W110°38.21´ **GREAT FALLS**
2869 B NOTAM FILE GTF **L–13C**
RWY 05–23: H4300X75 (ASPH) S–16 MIRL **IAP**
RWY 05: PAPI(P2L)—GA 3.0° TCH 40´.
RWY 23: PAPI(P2L)—GA 3.0° TCH 40´.
RWY 14–32: 1700X75 (DIRT)
SERVICE: **FUEL** 100LL **LGT** ACTVT PAPI Rwy 05 and Rwy 23; MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: (406) 781-9478
WEATHER DATA SOURCES: AWOS–A 122.8 (406) 622–5976.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47°27.00´ W111°24.73´ 037° 39.4 NM to fld. 3672/16E.



FORT PECK (37S) 1 W UTC–7(–6DT) N48°00.29´ W106°28.67´ **BILLINGS**
2290 NOTAM FILE GTF
RWY 12–30: 4100X125 (TURF)
RWY 12: Thld dsplcd 580´. Tree.
RWY 30: Thld dsplcd 640´. Bldg.
RWY 05–23: 2700X100 (TURF) 1.6% up SW
RWY 05: Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. For fuel call 406–228–2433 or 406–228–4848. Ultralights on and invof arpt.
AIRPORT MANAGER: 406-263-1154
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

FORT SMITH LANDING STRIP (5U7) 1 N UTC–7(–6DT) N45°19.25´ W107°55.87´ **BILLINGS**
3242 NOTAM FILE GTF **L–13D**
RWY 07–25: H3827X50 (ASPH) S–8
RWY 07: P–line.
RWY 25: Thld dsplcd 140´.
AIRPORT REMARKS: Unattended. Wildlife on and invof rwy. Rwy 25 dsplcd markings yellow.
AIRPORT MANAGER: (307) 548-5425
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51´ W108°37.48´ 121° 41.4 NM to fld. 3811/14E.



FRANK WILEY FLD (See MILES CITY on page 108)

GARDINER (29S) 2 NW UTC–7(–6DT) N45°03.00´ W110°44.80´ **GREAT FALLS**
5286 NOTAM FILE GTF **L–13C**

RWY 10–28: H3200X55 (ASPH–AFSC) S–4
RWY 10: Rgt tfc.
RWY 28: Hill.

SERVICE: **LGT** Rwy 10–28 lgts for emerg use only. ACTIVATE LIRL Rwy 10–28—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. No centerline marking Rwy 10–28. Rwy 10–28 large cracks and vegetation growth throughout rwy sfc. Rwy 10 markings faded and poor cond.

AIRPORT MANAGER: (406) 848-7200

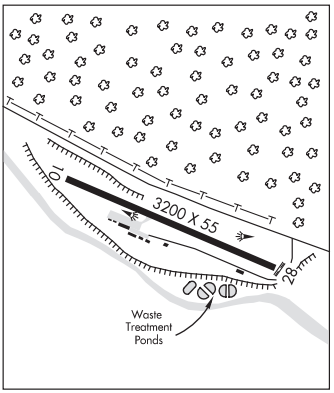
COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE LVM.

LIVINGSTON (L) VORW/DME 116.1 LVM Chan 108 N45°42.15´ W110°26.55´ 183° 41.2 NM to fld. 4653/15E.

VOR/DME unusable:
100°–190° byd 15 NM
255°–280° byd 20 NM
345°–041° byd 15 NM



GERALDINE (5U8) 0 S UTC–7(–6DT) N47°35.79´ W110°15.97´ **GREAT FALLS**
3178 NOTAM FILE GTF

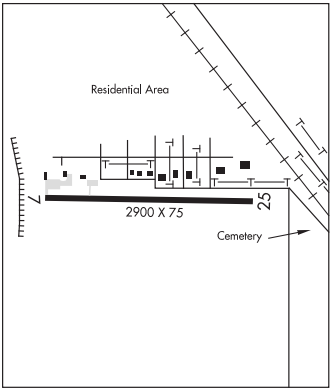
RWY 07–25: H2900X75 (ASPH) 1.2% up W
RWY 07: Ground.
RWY 25: Tree.

AIRPORT REMARKS: Unattended. Rwy 07–25 no pavement markings. Marked +31´ p–line 1400´ from Rwy 25 end. Rwy 07–25 has large amounts of asph spalling, ruts, and large cracks with weeds growing through.

AIRPORT MANAGER: 406-737-4244

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.



GLACIER PARK INTL (See KALISPELL on page 102)

GLASGOW

WOKAL FLD/GLASGOW–VALLEY CO (GGW)(KGGW) 1 NE UTC–7(–6DT) N48º12.75´ W106º36.89´ — **BILLINGS** **H–1E, 2G, L–13D** **IAP, AD**

2296 B NOTAM FILE GGW MON Airport

RWY 12–30: H5002X100 (ASPH–GRVD) S–75, D–90.9, 2S–89, 2D–99.9 MIRL

RWY 12: REIL. PAPI(P4L)—GA 3.0º TCH 40´.

RWY 30: REIL. PAPI(P4L)—GA 3.0º TCH 40´.

RWY 08–26: H5000X75 (ASPH–GRVD) S–25, D–45, 2D–75 MIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0º TCH 30´.

RWY 26: REIL. PAPI(P2L)—GA 3.0º TCH 32´.

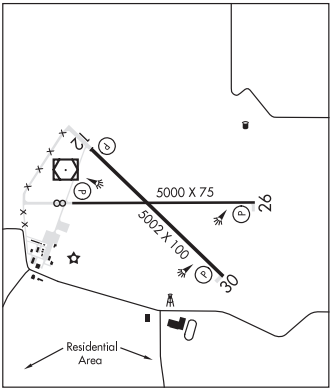
RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA–5000 TODA–5000 ASDA–5000 LDA–5000

RWY 12: TORA–5001 TODA–5001 ASDA–5001 LDA–5001

RWY 26: TORA–5000 TODA–5000 ASDA–5000 LDA–5000

RWY 30: TORA–5001 TODA–5001 ASDA–5001 LDA–5001



SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 2, 3, 4 **LGT** PAPI Rwy 8, Rwy 12, Rwy 26 and Rwy 30 opr 24 hrs. ACTIVATE MIRL Rwy 08–26 and Rwy 12–30, REIL Rwy 08, Rwy 12, Rwy 26 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended 1300–0300Z‡. Afld sfc conds unmonitored 0300–1300Z‡. For svc after hrs phone 406–228–4023. Flt Notification Svc (ADCUS) avbl.

AIRPORT MANAGER: (406) 228-2719

WEATHER DATA SOURCES: ASOS 135.175 (406) 228–8294.

COMMUNICATIONS: CTAF/UNICOM 122.8

GLASGOW RCO 122.25 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 126.85

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.

GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48º12.92´ W106º37.53´ at fld. 2283/14E.

GLENDIVE

DAWSON COMMUNITY (GDV)(KGDV) 4 NW UTC–7(–6DT) N47º08.32´ W104º48.43´ — **BILLINGS** **H–1F, 2H, L–13E** **IAP, AD**

2458 B NOTAM FILE GDV

RWY 12–30: H5704X100 (ASPH–GRVD) S–38, D–50 MIRL

RWY 12: REIL. VASI(V4L)—GA 3.0º TCH 37´.

RWY 30: REIL. VASI(V4L)—GA 3.0º TCH 37´.

RWY 02–20: H3002X60 (ASPH) MIRL

RWY 02: PAPI(P2L)—GA 3.0º TCH 26´.

RWY 20: PAPI(P2L)—GA 3.0º TCH 24´.

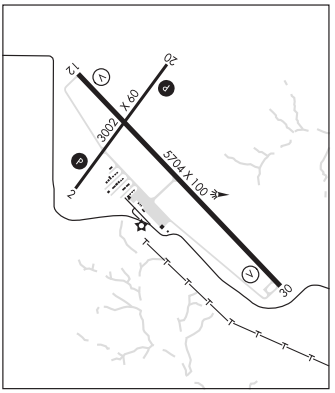
RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA–3002 TODA–3002 ASDA–3002 LDA–3002

RWY 12: TORA–5704 TODA–5704 ASDA–5704 LDA–5704

RWY 20: TORA–3002 TODA–3002 ASDA–3002 LDA–3002

RWY 30: TORA–5704 TODA–5704 ASDA–5704 LDA–5704



SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 02–20 and Rwy 12–30, PAPI Rwy 02 and Rwy 20, REIL Rwy 12 and Rwy 30—CTAF. VASI Rwy 12 and Rwy 30 opr continuously.

AIRPORT REMARKS: Attended 1430–0130Z‡. Afld sfc conds unmonitored Nov–May 0800–1800Z‡. Rwy 02–20 has edge lips exceeding 3 in.

AIRPORT MANAGER: 406-989-2054

WEATHER DATA SOURCES: AWOS–3PT 135.075 (406) 687–3346.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.55 (GREAT FALLS RADIO)

Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85

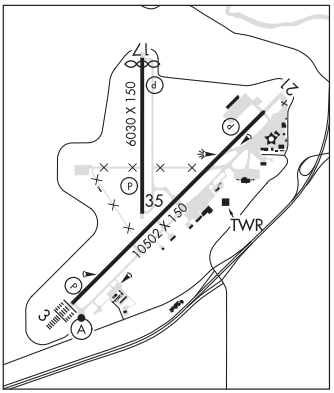
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46º22.93´ W105º57.21´ 037º 65.6 NM to fld. 2666/9E.

GREAT FALLS INTL (GTF)(KGTF) P (ANG) 3 SW UTC–7(–6DT) N47°28.94´ W111°22.22´ **GREAT FALLS**
3680 B AOE LRA ARFF Index—See Remarks NOTAM FILE GTF **H–1E, L–13C**
IAP, AD

RWY 03–21: H10502X150 (ASPH–GRVD) S–116, D–225, 2S–175, 2D–424, 2D/D1–555, 2D/2D2–915 PCN 58 F/B/X/T HIRL CL
RWY 03: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70´. RVR–TMR Road.
RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 75´. RVR–TMR 0.3% up.
RWY 17–35: H6030X150 (ASPH–GRVD) S–87, D–140, 2D–245, 2D/2D2–245 PCN 30 F/B/X/T MIRL
RWY 17: PAPI(P4L)—GA 3.0° TCH 47´. Thld dsplcd 230´. Road.
RWY 35: PAPI(P4L)—GA 3.0° TCH 48´.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–10502 TODA–10502 ASDA–10502 LDA–10502
RWY 17: TORA–6030 TODA–6030 ASDA–6030 LDA–5800
RWY 21: TORA–10502 TODA–10502 ASDA–10502 LDA–10502
RWY 35: TORA–5400 TODA–5400 ASDA–5400 LDA–5400

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy 21 REIL opr continuously when rwy lgts are on. Rwy lgts controlled by twr. RWY 03 PAPI UNUSBL BYD 9 DEGS right of CNTRLN. **MILITARY— JASU** 7(MD–3) 3(MC–1) 20(MC–11) 9(MD–4MO) 2(M32A–60A) **FUEL** A++(ANG) A (C406–453–7613) (NC–100LL) **FLUID** SP PRESAIR **OIL** O–128–133–148–156(Mil) **TRAN ALERT** Ltd tran svc only avbl for acft participating in ANG Ops with Prior Coordination (PPR).

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Class I, ARFF Index B. Index level C ARFF capability is available at all times. Cold temperature restricted airport. Altitude correction required at or below –33C. Flight Notification Service (ADCUS) avbl. Twy C unrstd weight and avbl for taxiing acft. Lgt pole lctd 19.5´ from apron edge abeam spot 3. Lgt pole lctd 29.5´ from apron edge abeam spot 1. Electrical eqpt (fixed) lctd 19.5´ S of apron edge.

AIRPORT MANAGER: 406-727-3404

WEATHER DATA SOURCES: ASOS 126.6 (406) 454–7551.

COMMUNICATIONS: ATIS 126.6 **UNICOM** 122.95
RCO 122.3 (GREAT FALLS RADIO)
® **APP/DEP CON** 128.6
TOWER 118.7 **GND CON** 121.7 **CLNC DEL** 121.7

AIRSPACE: CLASS D.
TRSA svc ctc **APP CON** 128.6

RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
(H) VORTACW 115.1 GTF Chan 98 N47°27.00´ W111°24.73´ 025° 2.6 NM to fld. 3672/16E.
ILS/DME 111.3 I–SMR Chan 50 Rwy 03. Class IIIE.

HAMILTON

RAVALLI CO (6S5) 1 E UTC–7(–6DT) N46º15.09´ W114º07.53´ **GREAT FALLS L–13C IAP**

3644 B TPA—4444(800) NOTAM FILE GTF

RWY 16–34: H4200X75 (ASPH–PFC) S–17, D–25 MIRL 0.9% up S

RWY 16: PAPI(P2L)—GA 3.0º TCH 35´. Brush.

RWY 34: PAPI(P2L)—GA 3.3º TCH 25´. Trees.

SERVICE: S4 **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE PAPI Rwy 16 and Rwy 34 and MIRL Rwy 16–34—CTAF. For MIRL Rwy 16–34 during dalgt hrs ctc arpt manager 406–375–9149.

AIRPORT REMARKS: Unattended. Cold temperature restricted airport. Altitude correction required at or below –23C. Ultralight activity on and invof arpt. Sailplane on and invof arpt during dalgt hrs. Loose asph material on parallel twy for Rwy 16–34. Twy markings faded/missing.

AIRPORT MANAGER: 406-375-9149

WEATHER DATA SOURCES: AWOS–3P 119.825 (406) 375–9149. press *3

COMMUNICATIONS: CTAF/UNICOM 122.8

SPOKANE APP/DEP CON 124.9 (NORTH) (1400–0620Z‡)

SALT LAKE CENTER APP/DEP CON 133.4 (NORTH) (0620–1400Z‡) 132.4 (SOUTH)

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.

MISSOULA (L) VORW/DME 112.8 MSO Chan 75 N46º54.48´ W114º05.02´ 170º 39.4 NM to fld. 3202/13E.

VOR unusable:
047º–067º byd 30 NM
067º–086º byd 30 NM blo 14,000´
086º–120º byd 27 NM blo 13,000´
086º–120º byd 36 NM blo 14,000´
086º–154º byd 20 NM blo 11,000´
120º–154º byd 35 NM blo 13,000´
172º–227º byd 25 NM
227º–247º byd 20 NM blo 12,000´
227º–247º byd 30 NM
247º–262º byd 30 NM blo 12,000´
262º–277º byd 30 NM blo 10,000´
297º–347º byd 30 NM
347º–047º byd 10 NM

DME unusable:
047º–067º byd 30 NM
067º–086º byd 30 NM blo 14,000´
086º–120º byd 27 NM blo 14,000´
086º–120º byd 39 NM
086º–154º byd 20 NM blo 11,000´
120º–154º byd 35 NM blo 13,000´
172º–227º byd 25 NM
227º–247º byd 20 NM blo 12,000´
227º–247º byd 30 NM
247º–262º byd 30 NM blo 12,000´
262º–277º byd 30 NM blo 10,000´
297º–347º byd 30 NM
347º–047º byd 10 NM

ROTORCRAFT HELIPORT (M62) 2 S UTC–7(–6DT) N46º12.40´ W114º09.18´ **GREAT FALLS**

3630 NOTAM FILE GTF

HELIPAD H1: H55X50 (CONC)

HELIPORT REMARKS: Attended Mon–Fri 1500–0000Z‡.

AIRPORT MANAGER: (406) 531-7331

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HARDIN

BIG HORN CO (ØØU) 3 W UTC–7(–6DT) N45º44.66´ W107º39.63´ **BILLINGS L–13D IAP**

3025 B NOTAM FILE GTF

RWY 08–26: H4491X75 (ASPH) MIRL 0.5% up W

RWY 08: REIL. PAPI(P2L)—GA 3.0º TCH 40´.

RWY 26: REIL. PAPI(P2L)—GA 3.0º TCH 40´.

SERVICE: **FUEL** 100LL **LGT** ACTVT REIL RWY 08 and 26; PAPI RWY 08 and 26; MIRL RWY 08–26—CTAF.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 406-679-0541

WEATHER DATA SOURCES: AWOS–3 118.325 (406) 665–4241.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **SALT LAKE CENTER APP/DEP CON** 132.425

CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798

HARLEM

FORT BELKNAP AGENCY (UØ9) 4 SE UTC–7(–6DT) N48º28.87´ W108º46.14´ **BILLINGS L–13D**

2374 NOTAM FILE GTF

RWY 10–28: H3200X55 (ASPH) S–4

AIRPORT REMARKS: Airport closed. Unattended. Paved and marked helipad N of AER 28.

AIRPORT MANAGER: 406-353-2205

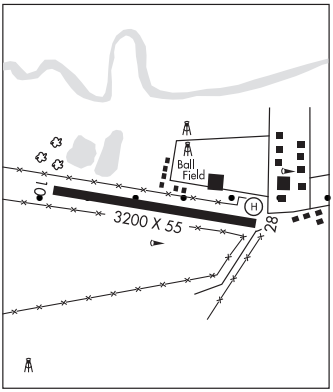
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.

HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 079º 40.1 NM to fld. 2583/16E.

HELIPAD H1: H50X50 (ASPH)



HARLEM

HARLEM (48S) 3 N UTC–7(–6DT) N48º33.98´ W108º46.44´ **BILLINGS L–13D**

2643 B NOTAM FILE GTF

RWY 11–29: H4100X75 (ASPH) S–12.5 MIRL 1.1% up W

RWY 29: PAPI(P2L)—GA 3.0º TCH 32´.

RWY 15–33: 1933X120 (TURF) 0.8% up NW

SERVICE: **LGT** ACTIVATE MIRL Rwy 11–29 and PAPI Rwy 29—CTAF.

AIRPORT REMARKS: Unattended. Rwy 15–33 has lrg gopher holes and tall grass thrut. Phones avbl in terminal bldg. Key 122.9 3 times to enter bldg. Rwy 15–33 mkd with white cones spaced 200 ft. Some cones misg.

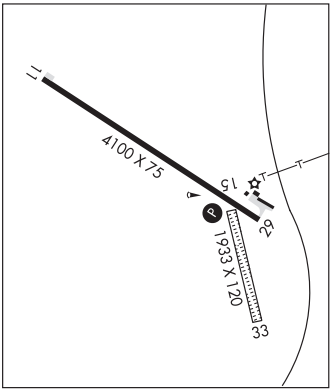
AIRPORT MANAGER: (406) 580-7379

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.

HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 071º 39.7 NM to fld. 2583/16E.



HARLOWTON

WHEATLAND CO AT HARLOWTON (HWQ)(KHWQ) 2 NW UTC–7(–6DT) N46º26.92´ W109º51.17´ **GREAT FALLS L–13D IAP**

4312 B NOTAM FILE GTF

RWY 09–27: H4200X60 (ASPH) S–12.5 MIRL 0.4% up W

RWY 09: Tree.

RWY 27: PAPI(P2L)—GA 3.0º TCH 32´.

SERVICE: **LGT** ACTIVATE MIRL Rwy 09–27 and PAPI Rwy 27—CTAF.

AIRPORT REMARKS: Unattended. Deer on and invof rwy, especially dur ngt time hrs.

AIRPORT MANAGER: (406) 632 5662

COMMUNICATIONS: CTAF 122.9

HARLOWTOWN RCO 122.4 (GREAT FALLS RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 127.75

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.

LEWISTOWN (H) VORW/DME 115.45 LWT Chan 101(Y)

N47º03.18´ W109º36.37´ 181º 37.7 NM to fld. 4188/15E.

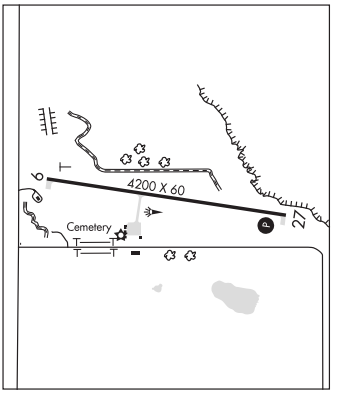
DME unusable:

040º–055º byd 30 NM blo 10,000´

360º–015º byd 30 NM blo 10,000´

VOR/DME unusable:

135º–155º byd 30 NM



HAUSER N46º34.13´ W111º45.48´ NOTAM FILE HLN. **GREAT FALLS L–13C**

NDB (MHW) 386 HAU 268º 9.6 NM to Helena Rgnl. 4026/16E. NDB unmonitored when HLN ATCT clsd.

HAVRE CITY–COUNTY (HVR)(KHVR) 3 W UTC–7(–6DT) N48º32.58´ W109º45.74´ **GREAT FALLS H–1E, L–13D IAP, AD**

2591 B NOTAM FILE HVR MON Airport

RWY 08–26: H5205X100 (ASPH) S–30, D–40, 2D–50 MIRL

RWY 08: REIL. VASI(V4L)—GA 3.0º TCH 40´.

RWY 26: REIL. VASI(V4L)—GA 3.0º TCH 37´.

RWY 03–21: H3699X60 (ASPH) S–12.5 MIRL

RWY 21: PAPI(P2R)—GA 3.0º TCH 21´.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA–3699 TODA–3699 ASDA–3699 LDA–3699

RWY 08: TORA–5205 TODA–5205 ASDA–5205 LDA–5205

RWY 21: TORA–3699 TODA–3699 ASDA–3699 LDA–3699

RWY 26: TORA–5205 TODA–5205 ASDA–5205 LDA–5205

SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** ACTVT REIL Rwy 08 and Rwy 26; PAPI Rwy 21; VASI Rwy 08 and Rwy 26; MIRL Rwy 03–21—CTAF.

AIRPORT REMARKS: Attended 1300–0230Z‡. Afld sfc cond call 24/7 406–390–5689. Deer on and invof arpt. Potential large flocks of waterfowl near AER 26. Cold temperature restricted airport. Altitude correction required at or below –30C.

AIRPORT MANAGER: (406) 256-4326

WEATHER DATA SOURCES: ASOS 135.225 (406) 265–6638.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.5 (GREAT FALLS RADIO)

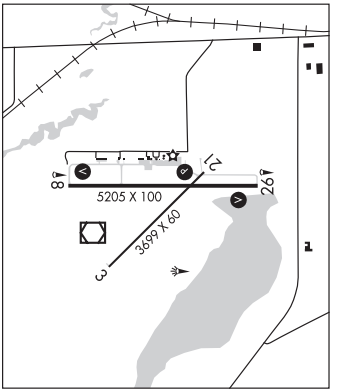
Ⓡ **SALT LAKE CENTER APP/DEP CON** 133.4

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E svc 1300–2100Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.

(L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ at fld. 2583/16E.



HELENA RGNL (HLN)(KHLN) P (ARNG) 2 NE UTC–7(–6DT) N46°36.40´ W111°59.00´ **GREAT FALLS H–1D, L–13C IAP, DIAP, AD**

3877 B LRA Class I, ARFF Index B NOTAM FILE HLN MON Airport

RWY 09–27: H9000X150 (ASPH–PFC) D–160, 2S–175, 2D–250, 2D/2D2–420 PCN 50 F/C/X/U HIRL

RWY 09: REIL. PAPI(P4L)—GA 3.3° TCH 55´. Ground. 0.3% down.

RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 55´. Rgt tfc.

RWY 05–23: H4644X75 (ASPH–PFC) S–21, D–30 PCN 6 F/C/X/U MIRL 1.2% up SW

RWY 05: PAPI(P2L)—GA 3.0° TCH 40´. Road.

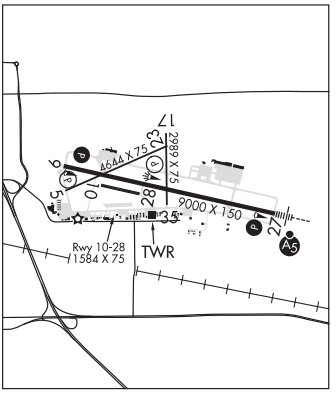
RWY 23: PAPI(P2L)—GA 3.0° TCH 49´. Fence. Rgt tfc.

RWY 17–35: H2989X75 (ASPH–PFC) PCN 5 F/C/X/U MIRL 1.7% up SE

RWY 17: REIL.

RWY 35: REIL. Ground. Rgt tfc.

RWY 10–28: 1584X75 (TURF) 0.3% up W



RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA–4644	TODA–4644	ASDA–4644	LDA–4644
RWY 09: TORA–9000	TODA–9000	ASDA–9000	LDA–9000
RWY 17: TORA–2989	TODA–2989	ASDA–2989	LDA–2989
RWY 23: TORA–4644	TODA–4644	ASDA–4644	LDA–4644
RWY 27: TORA–9000	TODA–9000	ASDA–9000	LDA–9000
RWY 35: TORA–2989	TODA–2989	ASDA–2989	LDA–2989

SERVICE: S4 **FUEL** 80, 100, 100LL, JET A **OX** 1, 3 **LGT** When twr clsd ACTIVATE MALSR Rwy 27, REIL Rwy 09, Rwy 17 and Rwy 35, PAPI Rwy 09 and Rwy 27, HIRL Rwy 09–27, MIRL Rwy 05–23 and Rwy 17–35—CTAF.

MILITARY— FUEL A+ (C406–442–2190. Opr 1200–0600Z‡, OT $125 fee) (NC–80, 100, 100LL)

AIRPORT REMARKS: Attended 1200–0800Z‡. ARFF coverage provided for scheduled Part 121 air carriers only exc with prior apvl, call 406–442–2821. Ldg rgts cstms avbl call 406–449–5506. Cold temperature airport. Altitude correction required at or below –17C. Rwy 17–35 and Rwy 05–23 (exc btn Twy F and Rwy 09–27) not avbl for air carrier use by acft with greater than 30 pax seats. Twy A, Twy B, and Twy C (btn Twy A and Rwy 35) not avbl for air carrier use by acft with greater than 30 pax seats. Ldg fee for all coml acft and all acft over 10,000 lbs. Flight Notification Service (ADCUS) avbl. NOTE: See SPECIAL NOTICE.

MILITARY REMARKS: ARNG Opr Mon–Fri 1400–0030Z‡ Mon–Fri, exc hol. Exercise caution while taxiing. AASF ramp not stressed for large acft. Ctc flt ops for ramp advisory 126.2, DSN 406–324–5775, C406–324–5775. No tran svc Sat, Sun, hol or after 2300Z‡ Mon–Fri. Ft Harrison AAF (MT15) within Class D contact MT ARNG ops C406–324–5775/76 DSN 324–5775/76 for paradrop operations information and hours.

AIRPORT MANAGER: 406-442-2821

WEATHER DATA SOURCES: ASOS 120.4 (406) 443–4317.

COMMUNICATIONS: CTAF 118.3 **ATIS** 120.4 **UNICOM** 122.95

RCO 122.55 (GREAT FALLS RADIO)

APP/DEP CON 119.5 229.4 (1300–0500Z‡)

SALT LAKE CENTER APP/DEP CON 133.4 285.4 (0500–1300Z‡)

TOWER 118.3 257.8 (1300–0500Z‡) **GND CON** 121.9

ARNG OPS 40.65 126.2 321.45

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

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AIRSPACE: CLASS D svc 1300–0500Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE HLN.
(H) VORTACW 117.7 HLN Chan 124 N46º36.41´ W111º57.21´ 254º 1.2 NM to fld. 3826/16E.
VOR portion unusable:
035º–050º byd 35 NM blo 12,000´
105º–165º byd 25 NM blo 17,000´
165º–185º byd 25 NM blo 13,500´
185º–230º byd 25 NM blo 17,500´
203º–213º byd 22 NM blo 13,000´
230º–270º byd 25 NM blo 12,500´
TACAN AZIMUTH & DME unusable:
035º–070º byd 35 NM blo 13,000´
165º–185º byd 25 NM blo 13,500´
250º–300º byd 25 NM blo 14,000´
320º–035º byd 25 NM blo 13,000´
TACAN DME unusable:
035º–070º byd 35 NM blo 13,000´
105º–150º byd 25 NM
105º–210º byd 15 NM blo 11,100´
105º–210º byd 20 NM blo 12,000´
150º–165º byd 25 NM blo 17,000´
165º–185º byd 25 NM blo 13,500´
185º–210º byd 25 NM
203º–213º byd 22 NM blo 13,000´
210º–250º byd 15 NM blo 12,000´
210º–250º byd 25 NM blo 17,500´
250º–300º byd 25 NM blo 14,000´
320º–035º byd 25 NM blo 13,000´
TACAN AZIMUTH unusable:
105º–150º byd 15 NM
150º–165º byd 15 NM blo 17,000´
185º–210º byd 15 NM
210º–250º byd 15 NM blo 17,500´
HAUSER NDB (MHW) 386 HAU N46º34.13´ W111º45.48´ 268º 9.6 NM to fld. 4026/16E. NDB unmonitored when HLN ATCT clsd.
ILS 110.1 I–HLN Rwy 27. Class IE. Unmonitored when ATCT closed. Localizer backcourse unusable byd 22º rgt of course, unusable within 2.7 DME.

HELLER FARM (See WINIFRED on page 127)

HINSDALE (6U5) 0 SE UTC–7(–6DT) N48º23.28´ W107º05.00´ BILLINGS

2220 NOTAM FILE GTF
RWY 07–25: 2200X75 (TURF) LIRL(NSTD) 0.7% up W
RWY 07: Road.
RWY 10–28: 2160X200 (TURF) 0.3% up W
RWY 10: Road.
RWY 16–34: 1960X75 (TURF) 1.5% up S
RWY 16: P–line.
RWY 34: Fence.
SERVICE: **LGT** Rwy 07–25 NSTD LIRL 335´ spacing between lgts, one thld lgt each end. For rwy lgts phone 406–364–2387.
AIRPORT REMARKS: Unattended. Hay bales and farm equipment adjacent to rwy. Rwys soft when wet. Rwy 07–25, Rwy 10–28 and Rwy 16–34 marked with white cones full length of rwy.
AIRPORT MANAGER: (406) 672-2448
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HOGELAND (6U6) 1 NW UTC–7(–6DT) N48º51.61´ W108º39.66´ BILLINGS

3139 NOTAM FILE GTF
RWY 07–25: 3140X60 (GRVL–DIRT) 0.6% up W
RWY 16–34: 1230X50 (TURF)
RWY 34: Bldg.
AIRPORT REMARKS: Unattended. Rwy 16–34 tall grass, sloped rwy.
AIRPORT MANAGER: (406) 390-1374
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HOT SPRINGS (SØ9) 2 E UTC–7(–6DT) N47°36.75´ W114°36.81´ **GREAT FALLS**
2763 B NOTAM FILE GTF
RWY 06–24: H3550X45 (ASPH–TRTD) MIRL
RWY 06: Tank.
RWY 24: Thld dsplcd 411´. Road.
AIRPORT REMARKS: Unattended. Ultralgts on and invof arpt. Ocnl snow removal. Rwy 06–24 asph grvl composition full length. Rwy 24 has 411´ unlgtd, 2169´ lgtd at ngt. Rwy 06–24 cones adj to MIRL full length and dsplcd thld marked with white cones.
AIRPORT MANAGER: (406) 531-1711
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HYSHAM (6U7) 2 E UTC–7(–6DT) N46°17.61´ W107°11.60´ **BILLINGS**
2624 B NOTAM FILE GTF
RWY 07–25: H3060X45 (ASPH–TRTD) LIRL
SERVICE: **LGT** ACTIVATE LIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended. 1030´ dirt extn E of Rwy 07 thld soft when wet. Rwy 07 basic markings NSTD numbers and stripes.
AIRPORT MANAGER: (406) 749-2864
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

JORDAN (JDN)(KJDN) 2 NW UTC–7(–6DT) N47°19.73´ W106°57.16´ **BILLINGS**
2666 B NOTAM FILE JDN **L–13D**
RWY 11–29: H4300X75 (ASPH–PFC) S–12.5 MIRL 0.7% up W
RWY 29: PAPI(P2L)—GA 3.0° TCH 29´.
SERVICE: **LGT** ACTIVATE MIRL Rwy 11–29; PAPI Rwy 29—CTAF.
AIRPORT REMARKS: Unattended. Rwy 11 markings faded.
AIRPORT MANAGER: (406) 346-7129
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.
GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48°12.92´ W106°37.53´ 180° 54.8 NM to fld. 2283/14E.

JUDITH MOUNTAIN N47°13.03´ W109°13.31´ **GREAT FALLS**
RCO 122.2 (GREAT FALLS RADIO) **L–13D**

KALISPELL

GLACIER PARK INTL (GPI)(KGPI) 6 NE UTC–7(–6DT) N48°18.63´ W114°15.36´ **GREAT FALLS H–1D, L–13C IAP, AD**

2977 B LRA Class I, ARFF Index B NOTAM FILE GPI

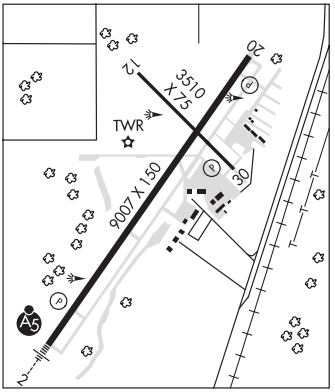
RWY 02–20: H9007X150 (ASPH–GRVD) S–115, D–198, 2S–175, 2D–321 PCN 56 F/C/X/T HIRL

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 50´.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 45´.

RWY 12–30: H3510X75 (ASPH–GRVD) S–25, D–40 PCN 9 F/C/X/T MIRL

RWY 30: PAPI(P2L)—GA 3.5° TCH 26´.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 02:	TORA–9007	TODA–9007	ASDA–9007	LDA–9007
RWY 12:	TORA–3510	TODA–3510	ASDA–3510	LDA–3510
RWY 20:	TORA–9007	TODA–9007	ASDA–9007	LDA–9007
RWY 30:	TORA–3510	TODA–3510	ASDA–3510	LDA–3510

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** PAPI Rwy 02, Rwy 20 and Rwy 30 opr continuously. ACTIVATE HIRL Rwy 02–20, MIRL Rwy 12–30, MALSR Rwy 02, REIL Rwy 20—CTAF.

AIRPORT REMARKS: Attended continuously. Clsd to unscheduled air carrier ops with more than 30 pax seat exc PPR call arpt mgr 406–257–5994. Cold temperature airport. Altitude correction required at or below –15C.

AIRPORT MANAGER: 406-257-5994

WEATHER DATA SOURCES: ASOS 132.625 (406) 756–8879.

COMMUNICATIONS: CTAF 124.55 **ATIS** 132.625 **UNICOM** 122.95

LAKESIDE RCO 122.5 (GREAT FALLS RADIO)

SALT LAKE CENTER APP/DEP CON 133.4

TOWER 124.55 (1500–0700Z‡) **GND CON** 121.6

AIRSPACE: CLASS D svc 1500–0700Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.

KALISPELL (H) VORW/DME 113.2 FCA Chan 79 N48°12.85´ W114°10.55´ 313° 6.6 NM to fld. 2984/18E.

VOR/DME unusable:
- 010°–070° byd 10 NM
- 160°–280° byd 30 NM blo 13,000´
- 350°–010° byd 10 NM blo 23,000´

VOR unusable:
- 070°–088° byd 20 NM blo 16,000´
- 088°–113° byd 22 NM blo 13,000´
- 088°–113° byd 35 NM blo 16,000´

DME unusable:
- 070°–113° byd 20 NM blo 16,000´
- 070°–113° byd 37 NM

SMITH LAKE NDB (MHW) 515 SAK N48°06.50´ W114°27.67´ 019° 14.7 NM to fld. 3157/15E.

ILS 111.5 I–GPI Rwy 02. Class IB. LOC unusable byd 23° right and left of course.

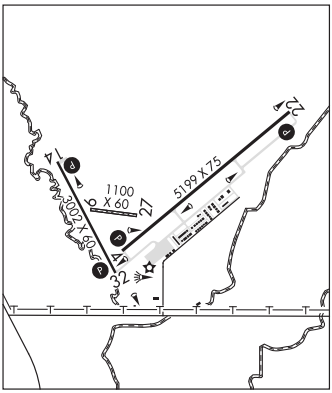
KALISPELL CITY (S27) 1 S UTC–7(–6DT) N48°10.71´ W114°18.22´ **GREAT FALLS L–13C**
2932 B NOTAM FILE GTF
RWY 13–31: H3600X60 (ASPH) S–4 LIRL(NSTD)
RWY 13: Tree.
RWY 31: Thld dsplcd 155´. Tower.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE LIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. Parachute Jumping. Ultralights on and invof arpt. Balloon activity on and invof arpt. Twr 400´ AGL 3 miles East unlgtd. Rwy 31 lgtd thld relocated 155´ for ngt ops, 3445´ of Rwy 13–31 usable at ngt. Rwy 13–31 NSTD LIRL. Rwy 13 thld lgts lctd at end of rwy.
AIRPORT MANAGER: (406) 755-2376
COMMUNICATIONS: CTAF/UNICOM 122.8
LAKESIDE RCO 122.5 (GREAT FALLS RADIO)
RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.
(H) VORW/DME 113.2 FCA Chan 79 N48°12.85´ W114°10.55´ 229° 5.6 NM to fld. 2984/18E.
VOR/DME unusable:
010°–070° byd 10 NM
160°–280° byd 30 NM blo 13,000´
350°–010° byd 10 NM blo 23,000´
VOR unusable:
070°–088° byd 20 NM blo 16,000´
088°–113° byd 22 NM blo 13,000´
088°–113° byd 35 NM blo 16,000´
DME unusable:
070°–113° byd 20 NM blo 16,000´
070°–113° byd 37 NM

KNOX RIDGE (See WINIFRED on page 127)

L M CLAYTON (See WOLF POINT on page 129)

LAKESIDE N48°00.68´ W114°21.88´ **GREAT FALLS L–13B**
RCO 122.5 (GREAT FALLS RADIO)

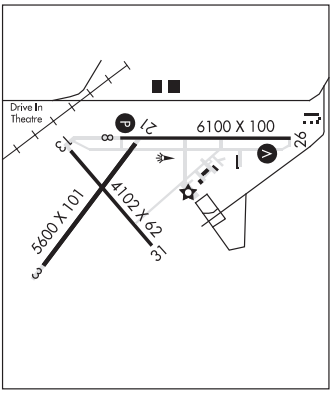
LAUREL MUNI (6S8) 2 N UTC–7(–6DT) N45°42.31´ W108°45.65´ **BILLINGS H–1E, L–13D IAP**
3543 B NOTAM FILE GTF
RWY 04–22: H5199X75 (ASPH) S–12.5 MIRL 0.6% up SW
RWY 04: PAPI(P2L)—GA 3.0° TCH 34´.
RWY 22: PAPI(P2L)—GA 3.0° TCH 41´.
RWY 14–32: H3002X60 (ASPH) S–12.5 MIRL 2.0% up NW
RWY 14: PAPI(P2L)—GA 4.0° TCH 21´.
RWY 32: PAPI(P2L)—GA 3.0° TCH 21´.
RWY 09–27: 1100X60 (TURF) 2.2% up W
SERVICE: **FUEL** 100, JET A **LGT** ACTVT PAPI RWY 04 & 22 & 14 & 32; MIRL RWY 04–22 & RWY 14–32—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡, Sat–Sun intermittently. Parachute Jumping. Ultralights on and invof arpt. Numerous deer and antelope on and invof rwy. Cold temperature restricted airport. Altitude correction required at or below –30C. Intermittent snow removal, be alert during winter months. Rwy 09–27 not maintained during winter. Rwy 09–27 marker cones full rwy length.
AIRPORT MANAGER: (406) 698-6515
WEATHER DATA SOURCES: AWOS–2 135.05 (406) 628–9867.
COMMUNICATIONS: CTAF/AUNICOM 123.05
Ⓡ**BILLINGS APP/DEP CON** 119.2 120.5
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51´ W108°37.48´ 209° 8.4 NM to fld. 3811/14E.



LAVINA (8ØS) 2 NW UTC–7(–6DT) N46º18.44´ W108º57.29´ **BILLINGS**
3512 NOTAM FILE GTF
RWY 07–25: 3460X100 (TURF) 0.7% up W
AIRPORT REMARKS: Unattended. No snow removal. Rwy 07–25 very muddy when wet, rough with gopher holes. Rwy 07–25 marked with cones full rwy length.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798

LEFT COULEE (See WINIFRED on page 127)

LEWISTOWN MUNI (LWT)(KLWT) 2 SW UTC–7(–6DT) N47º02.96´ W109º28.00´ **GREAT FALLS**
4170 B NOTAM FILE LWT MON Airport **H–1E, L–13D**
RWY 08–26: H6100X100 (ASPH) S–40, D–55, 2S–82, 2D–95 **IAP**
PCN 18 F/C/X/T MIRL 0.3% up W
RWY 08: REIL. PAPI(P2L)—GA 3.0º TCH 51´.
RWY 26: REIL. VASI(V4L)—GA 3.0º TCH 50´.
RWY 03–21: H5600X101 (ASPH) S–12.5, D–80, 2S–101, 2D–120
PCN 14 F/C/X/T MIRL 0.7% up SW
RWY 21: Bldg.
RWY 13–31: H4102X62 (ASPH) S–12.5 PCN 12 F/C/Y/T MIRL
0.8% up SE
RWY 13: Tree.

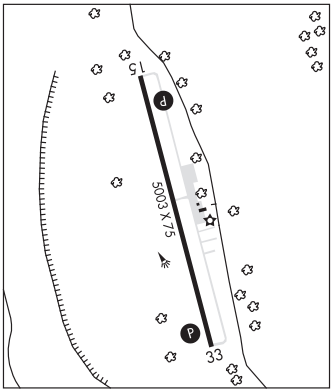


RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–5600 TODA–5600 ASDA–5600 LDA–5600
RWY 08: TORA–6100 TODA–6100 ASDA–6100 LDA–6100
RWY 21: TORA–5600 TODA–5600 ASDA–5600 LDA–5600
RWY 26: TORA–6100 TODA–6100 ASDA–6100 LDA–6100
SERVICE: S4 **FUEL** 100, 100LL, JET A **LGT** Rwy 03–21 MIRL OTS indef. ACTIVATE MIRL Rwy 03–21, Rwy 08–26, and Rwy 13–31 PAPI Rwy 08, VASI Rwy 26 and REIL Rwy 08 and Rwy 26—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. Rwy 03–21 and Rwy 13–31 CLOSED during snow conditions. Afld sfc conditions not monitored 0330–1400Z‡. Birds on and invof arpt. Rwy 03–21 day use only. Rwy 03–21 asph spalling. All twys have reflectors except Twy C, E, and half of Twy A, which are lighted.
AIRPORT MANAGER: (406) 535-3264
WEATHER DATA SOURCES: ASOS 118.375 (406) 538–2653.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.35 (GREAT FALLS RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 133.4
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.
(H) VORW/DME 115.45 LWT Chan 101(Y) N47º03.18´ W109º36.37´ 077º 5.7 NM to fld. 4188/15E.
DME unusable:
040º–055º byd 30 NM blo 10,000´
360º–015º byd 30 NM blo 10,000´
VOR/DME unusable:
135º–155º byd 30 NM

LIBBY (S59) 7 S UTC–7(–6DT) N48º17.03´ W115º29.41´
2605 B NOTAM FILE GTF

GREAT FALLS
H–1D, L–13B
IAP

RWY 15–33: H5003X75 (ASPH–PFC) S–24 MIRL 0.4% up SE
RWY 15: REIL. PAPI(P2L)—GA 3.0º TCH 28´. Trees.
RWY 33: REIL. PAPI(P2L)—GA 3.75º TCH 31´.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 15–33, PAPI Rwy 15 and Rwy 33, and REIL Rwy 15 and Rwy 33—CTAF.
AIRPORT REMARKS: Attended continuously.
AIRPORT MANAGER: (406) 334-0969
WEATHER DATA SOURCES: AWOS–A 118.575 (406) 293–4631.
COMMUNICATIONS: CTAF/UNICOM 122.8
SEATTLE CENTER APP/DEP CON 123.95
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 352º 50.0 NM to fld. 6100/15E.
VOR portion unusable:
060º–090º byd 20 NM blo 9,500´

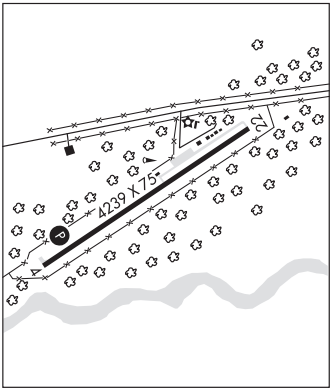


LIBERTY CO (See CHESTER on page 83)

LINCOLN (S69) 2 E UTC–7(–6DT) N46º57.28´ W112º39.01´
4603 B NOTAM FILE GTF

GREAT FALLS
L–13C

RWY 04–22: H4239X75 (ASPH–PFC) S–12.5 MIRL 0.6% up NE
RWY 04: PAPI(P2L)—GA 4.0º TCH 32´.
RWY 22: Trees.
SERVICE: **LGT** ACTIVATE MIRL Rwy 04–22, PAPI Rwy 04—CTAF.
AIRPORT REMARKS: Unattended. Possible heavy helicopter use during summer. Intermittent snow removal. 9´ wildlife perimeter fence. Furnish own ropes.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Helena Apch at 406-449-5756/5761, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GTF.
GREAT FALLS (H) VORTACW 115.1 GTF Chan 98 N47º27.00´ W111º24.73´ 224º 58.7 NM to fld. 3672/16E.



LINDEY'S LANDING WEST SPB (See SEELEY LAKE on page 116)

LIVINGSTON

MISSION FLD (LVM)(KLVM) 5 E UTC–7(–6DT) N45°41.97´ W110°26.88´ **GREAT FALLS H–1E, L–13C IAP**

4659 B NOTAM FILE LVM

RWY 04–22: H5701X75 (ASPH) S–75, D–99.9 PCN 24 F/A/Y/U MIRL

RWY 22: REIL. VASI(V2L)—GA 3.0° TCH 32´.

RWY 08–26: 3762X125 (TURF)

RWY 13–31: 2724X120 (TURF) 0.3% up NW

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 04–22—123.0.

AIRPORT REMARKS: Attended 1500–0000Z‡. Parachute Jumping. Wildlife on and invof rwy. AG ops Apr through Sep. Rwy 08 and Rwy 26 thlds and first 200´ marked with white cones. Rwy 13 and Rwy 31 thlds and first 200´ marked with white cones.

AIRPORT MANAGER: 406-222-6504

WEATHER DATA SOURCES: ASOS 135.275 (406) 222–2338.

COMMUNICATIONS: CTAF/UNICOM 123.0

LIVINGSTON RCO 122.2 (GREAT FALLS RADIO)

Ⓡ **BIG SKY APP/DEP CON** 119.55 (Unavailable 0715–1300Z‡, other times ctc)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 119.55

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E svc 1500–0100Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LVM.

LIVINGSTON (L) VORW/DME 116.1 LVM Chan 108 N45°42.15´ W110°26.55´ at fld. 4653/15E.

VOR/DME unusable:
100°–190° byd 15 NM
255°–280° byd 20 NM
345°–041° byd 15 NM

LIVINGSTON N45°42.15´ W110°26.55´ NOTAM FILE LVM. **GREAT FALLS H–1D, L–13C**

(L) VORW/DME 116.1 LVM Chan 108 at Mission Fld. 4653/15E.

VOR/DME unusable:
100°–190° byd 15 NM
255°–280° byd 20 NM
345°–041° byd 15 NM

RCO 122.2 (GREAT FALLS RADIO)

MALMSTROM AFB HELIPORT (GFA)(KGFA) AF 3 E UTC–7(–6DT) N47°30.28´ W111°11.24´ **GREAT FALLS**

3472 LRA NOTAM FILE GTF Not insp.

HELIPAD H1: H100X100 (ASPH)

HELIPAD H2: H100X100 (CONC)

SERVICE: **FUEL** JET A **LGT** Perimeter, ldg and apch lgt avbl. Ldg direct and apch lgt oriented 026°. Perimeter lgt avbl to Helipad 3. **MILITARY— TRAN ALERT** No svc avbl wo prior coord with Blade OPS DSN 632–3250.

MILITARY REMARKS: Opr 2000–1430Z‡ Mon–Fri; active mil helo tfc 2200–1400Z‡ Mon–Fri; ltd svc wkend and hol. Ctc 40th Helicopter Squadron´s Blade Ops for opr hr and parking info. **RSTD** Clsd to all F/W acft. R/W acft on offl bus only. Ctc Blade Ops for PPR & svc. DSN 632–3250 or 341 NW/CP 632–3801. Heliport ltd to helipads, clsd rwy between R & Q, and inside orange barriers. **CAUTION** 57 ft twr lctd 0.5 NM NE; construction pers and eqpt and obst all around Malmstrom AFB.

AIRPORT MANAGER: 406-731-3250

COMMUNICATIONS: CTAF 271.9

Ⓡ **GREAT FALLS APP/DEP CON** 128.6 124.15 VFR Advsy.

COMD POST 311.0 323.8 **PMSV METRO** 239.8 (Wx ctc DSN 632–2710. Full svc avbl Mon–Fri H24. Ho on wkend and hol ctc DSN 228–7338) **BLADE OPS** 271.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

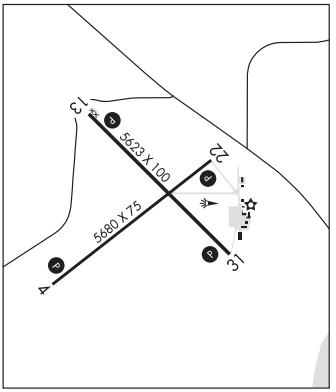
MALTA (M75) 1 NW UTC–7(–6DT) N48°22.02´ W107°55.16´ **BILLINGS**
2254 B NOTAM FILE GTF **L–13D**
RWY 08–26: H4500X75 (ASPH) S–12.5 MIRL **IAP**
RWY 08: PAPI(P2L)—GA 3.0° TCH 27´.
RWY 26: PAPI(P2L)—GA 3.0° TCH 27´.
SERVICE: FUEL 100LL, JET A, A+ **LGT** ACTIVATE MIRL Rwy 08–26 and PAPI Rwy 08 and Rwy 26 opr dusk–0700Z‡ after 0700Z‡—CTAF. ACTIVATE Rotating beacon—CTAF.
AIRPORT REMARKS: Attended continuously. Jet A fuel is premix only. Cold temperature restricted airport. Altitude correction required at or below –37C.
AIRPORT MANAGER: 406-654-1143
WEATHER DATA SOURCES: AWOS–3 119.250 (406) 654–1279.
COMMUNICATIONS: CTAF/AUNICOM 122.8
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.
GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48°12.92´ W106°37.53´ 266° 52.6 NM to fld. 2283/14E.

MANNI N45°52.32´ W111°17.14´ NOTAM FILE BZN. **GREAT FALLS**
NDB (MHW/LOM) 266 BZ 122° 8.0 NM to Bozeman Yellowstone Intl. 4218/13E.
NDB unusable:
340°–110° byd 15 NM

MEADOW CREEK USFS (ØS1) 1 NE UTC–7(–6DT) N47°50.96´ W113°25.05´ **GREAT FALLS**
3993 NOTAM FILE GTF
RWY 17–35: 2830X100 (TURF) 1.0% up S
RWY 17: Trees.
RWY 35: Trees.
AIRPORT REMARKS: Unattended. Big game animals may be on rwy. Rwy sfc may consist of tall, wet grass. Rwy 17 has 900´ overrun avbl for tkf or ldg. Rwy 17 has white cones marking full length of rwy. Rwy 17–35 marked with white cones spaced 200´.
AIRPORT MANAGER: 406-758-5376
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

MILES CITY

FRANK WILEY FLD (MLS)(KMLS) 2 NW UTC–7(–6DT) N46º25.68´ W105º53.17´ **BILLINGS**
2630 B NOTAM FILE MLS MON Airport **H–1F, 2G, L–13E**
RWY 04–22: H5680X75 (ASPH) S–24, D–24 MIRL **IAP, AD**
RWY 04: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
RWY 22: REIL. PAPI(P2L)—GA 3.0º TCH 43´. Road.
RWY 13–31: H5623X100 (ASPH–GRVD) S–38, D–55, 2D–85 MIRL
RWY 13: REIL. PAPI(P2L)—GA 3.0º TCH 43´.
RWY 31: REIL. PAPI(P2L)—GA 3.0º TCH 43´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–5680 TODA–5680 ASDA–5680 LDA–5680
RWY 13: TORA–5628 TODA–5628 ASDA–5628 LDA–5628
RWY 22: TORA–5680 TODA–5680 ASDA–5680 LDA–5680
RWY 31: TORA–5628 TODA–5628 ASDA–5628 LDA–5628
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 04, Rwy 22, Rwy 13 and Rwy 31, PAPI Rwy 04, Rwy 22, Rwy 13, and Rwy 31, MIRL Rwy 04–22—CTAF.
AIRPORT REMARKS: Attended dalgt hrs. For after hrs fuel ctc 406–234–1296 or 406–951–0955 . Migratory birds invof arpt. Arpt conditions unmonitored from 2359–1400Z‡. Ovngt and weekly hngr storage avbl, contact arpt mgr. Catering avbl with 24 hr notice, ctc arpt mgr. Crew car avbl.
AIRPORT MANAGER: (406) 951-0955
WEATHER DATA SOURCES: ASOS 135.575 (406) 232–1465.
COMMUNICATIONS: CTAF/UNICOM 123.0
MILES CITY RCO 122.2 (GREAT FALLS RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.
MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46º22.93´ W105º57.21´ 036º 3.9 NM to fld. 2666/9E.

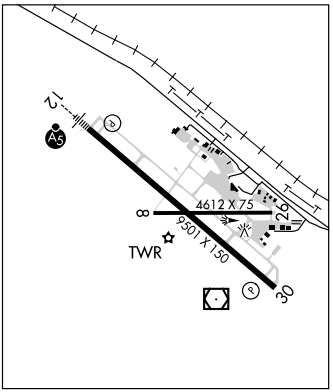


MILLER PEAK N46º45.40´ W113º53.51´ **GREAT FALLS**
RCO 122.45 (GREAT FALLS RADIO) **L–13C**

MINERAL CO (See SUPERIOR on page 120)

MISSION FLD (See LIVINGSTON on page 106)

MISSOULA INTL (MSO)(KMSO) 4 NW UTC–7(–6DT) N46°54.98´ W114°05.43´ **GREAT FALLS H–1D, L–13C IAP, AD**
3206 B Class I, ARFF Index B NOTAM FILE MSO
RWY 12–30: H9501X150 (ASPH–GRVD) S–145, D–170, 2D–255 PCN 83 F/D/W/T HIRL
RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 55´. RVR–T
RWY 30: RLLS. REIL. PAPI(P4L)—GA 3.0° TCH 50´. RVR–R
RWY 08–26: H4612X75 (ASPH–GRVD) S–30, D–50 PCN 40 F/D/W/T MIRL
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–4612 TODA–4612 ASDA–4612 LDA–4612
RWY 12: TORA–9501 TODA–9501 ASDA–9501 LDA–9501
RWY 26: TORA–4612 TODA–4612 ASDA–4612 LDA–4612
RWY 30: TORA–9501 TODA–9501 ASDA–9501 LDA–9501

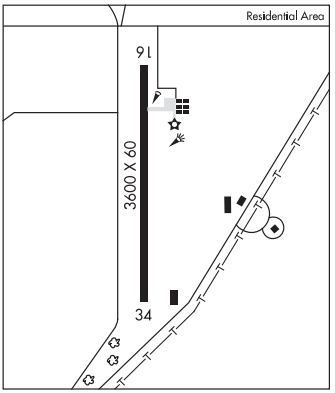


SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 1, 2, 3, 4 **LGT** When twr clsd ACTIVATE MALSR Rwy 12, HIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended continuously. Parachute Jumping. Cold temperature airport. Altitude correction required at or below –12C. Migratory and small bird activity on and invof arpt dur months of April–May and Oct–Dec. When twr clsd Rwy 08–26 clsd exc taxi. Hang glider ops 5.5 NM east of AER 30. Ctc arpt mgr to req apvl prior to ultralight ops. Rwy 12–30 180° turns for acft over 12,500 lbs GWT prohibited on all movement areas. Avoid locked turns at all times. Twy G btn Rwy 08 end to Rwy 12–30 rstd to acft under 12,500 lbs. Avoid locked turns at all times. Ldg fee for all coml acft and all acft over 12,500 lbs.
AIRPORT MANAGER: 406-728-4381
WEATHER DATA SOURCES: ASOS (406) 728–3743
COMMUNICATIONS: CTAF 118.4 **ATIS** 126.65 **UNICOM** 122.95
Ⓡ **SPOKANE APP/DEP CON** 124.9 (1400–0620Z‡)
Ⓡ **SALT LAKE CENTER APP/DEP CON** 133.4 (0620–1400Z‡)
TOWER 118.4 (1300–0500Z‡) **GND CON** 121.9
AIRSPACE: CLASS D svc 1300–0500Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.
(L) VORW/DME 112.8 MSO Chan 75 N46°54.48´ W114°05.02´ at fld. 3202/13E.
VOR unusable:
047°–067° byd 30 NM
067°–086° byd 30 NM blo 14,000´
086°–120° byd 27 NM blo 13,000´
086°–120° byd 36 NM blo 14,000´
086°–154° byd 20 NM blo 11,000´
120°–154° byd 35 NM blo 13,000´
172°–227° byd 25 NM
227°–247° byd 20 NM blo 12,000´
227°–247° byd 30 NM
247°–262° byd 30 NM blo 12,000´
262°–277° byd 30 NM blo 10,000´
297°–347° byd 30 NM
347°–047° byd 10 NM
DME unusable:
047°–067° byd 30 NM
067°–086° byd 30 NM blo 14,000´
086°–120° byd 27 NM blo 14,000´
086°–120° byd 39 NM
086°–154° byd 20 NM blo 11,000´
120°–154° byd 35 NM blo 13,000´
172°–227° byd 25 NM
227°–247° byd 20 NM blo 12,000´
227°–247° byd 30 NM
247°–262° byd 30 NM blo 12,000´
262°–277° byd 30 NM blo 10,000´
297°–347° byd 30 NM
347°–047° byd 10 NM
ILS 109.3 I–MSO Rwy 12. Class IA. LOC unusable byd 29° left of course byd 30° right of course.

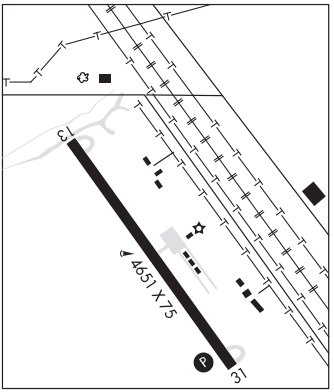
OPHEIM (SØØ) 0 W UTC–7(–6DT) N48º52.00´ W106º25.04´ **BILLINGS**
3264 B NOTAM FILE GTF
RWY 16–34: 2675X150 (TURF)
RWY 04–22: 1555X100 (TURF)
RWY 22: Road.
RWY 10–28: 1200X100 (TURF)
RWY 28: Road.
SERVICE: **LGT** Rotating bcn OTS indef.
AIRPORT REMARKS: Unattended. No snow removal. Rwy 04–22, Rwy 10–28, Rwy 16–34 marked with red/white panels full length. All Rwy 16–34 rough.
AIRPORT MANAGER: (406) 724-7090
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

PHILIPSBURG

RIDDICK FLD (UØ5) 1 SE UTC–7(–6DT) N46º19.16´ W113º18.30´ **GREAT FALLS**
5212 B NOTAM FILE GTF **L–13C**
RWY 16–34: H3600X60 (ASPH) S–7 MIRL
RWY 16: Rgt tfc.
RWY 34: Hill.
SERVICE: **LGT** ACTIVATE MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. Rwy 16–34 pavement is spalling, major crack propagation throughout. Multiple edge fractures.
AIRPORT MANAGER: (406) 560-4437
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE SMN.
SALMON (H) VORW/DME 113.5 LKT Chan 82 N45º01.28´ W114º05.05´ 010º 84.5 NM to fld. 9260/13E.

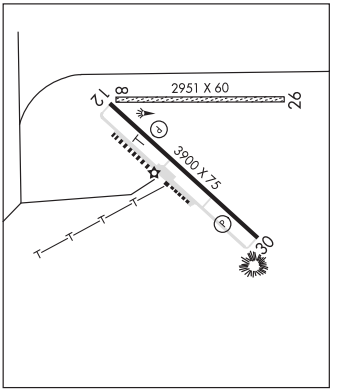


PLAINS (S34) 1 NW UTC–7(–6DT) N47º28.41´ W114º54.43´ **GREAT FALLS**
2467 B NOTAM FILE GTF **L–13B**
RWY 13–31: H4651X75 (ASPH) S–12.5, D–18 MIRL
RWY 31: PAPI(P2L)—GA 3.0º TCH 20´.
SERVICE: **LGT** ACTIVATE PAPI Rwy 31, MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 406-826-3605
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 073º 30.1 NM to fld. 6100/15E.
VOR portion unusable:
060º–090º byd 20 NM blo 9,500´

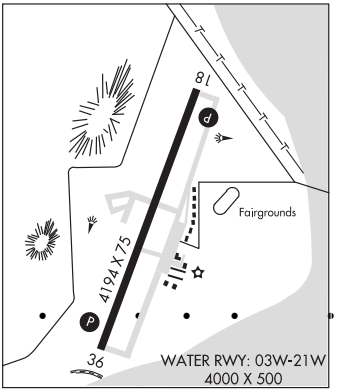


PLENTYWOOD

SHER–WOOD (PWD)(KPWD) 1 NE UTC–7(–6DT) N48º47.34´ W104º31.38´ **BILLINGS**
2264 B NOTAM FILE GTF **L–13E**
RWY 12–30: H3900X75 (ASPH) S–12.5 MIRL 0.4% up NW **IAP**
RWY 12: PAPI(P2L)—GA 3.0º TCH 44´.
RWY 30: PAPI(P2L)—GA 3.0º TCH 34´.
RWY 08–26: 2951X60 (TURF) 0.4% up E
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Unattended. 24 hr self svc credit card fuel facility. Ultralight on and in vicinity of arpt. Rwy 12 no touchdown marking.
AIRPORT MANAGER: (406) 765-3403
WEATHER DATA SOURCES: AWOS–3 135.025 (406) 765–2149.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.
WILLISTON (L) VORW/DME 116.3 ISN Chan 110 N48º15.21´ W103º45.04´ 309º 44.5 NM to fld. 2372/8E.

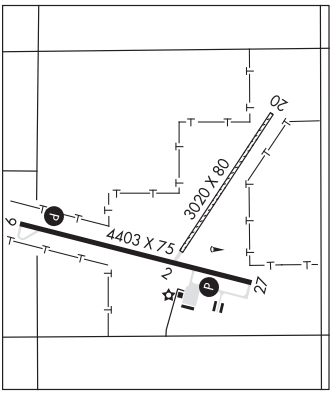


POLSON (8S1) 1 W UTC–7(–6DT) N47º41.73´ W114º11.12´ **GREAT FALLS**
2941 B NOTAM FILE GTF **L–13C**
RWY 18–36: H4194X75 (ASPH) S–17 MIRL **IAP**
RWY 18: PAPI(P4L)—GA 3.0º TCH 28´. Road.
RWY 36: PAPI(P2L)—GA 4.0º TCH 31´. Hill.
SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 18–36, PAPI Rwy 18 and Rwy 36—CTAF.
AIRPORT REMARKS: Attended 1500–0000Z‡. 24 hr self service fuel avbl. When ldg on Rwy 36 be alert to seaplane ldgs on adjacent river.
AIRPORT MANAGER: 406-883-2482
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 061º 61.0 NM to fld. 6100/15E.
VOR portion unusable:
060º–090º byd 20 NM blo 9,500´



WATERWAY 03W–21W: 4000X500 (WATER)

POPLAR MUNI (PO1) 2 NE UTC–7(–6DT) N48º08.07´ W105º09.73´ **BILLINGS**
2037 B NOTAM FILE GTF **L–13E**
RWY 09–27: H4403X75 (ASPH) S–12.5, D–40, 2D–66 MIRL **IAP**
RWY 09: PAPI(P2L)—GA 3.0º TCH 24´.
RWY 27: PAPI(P2L)—GA 3.0º TCH 24´.
RWY 02–20: 3020X80 (TURF)
SERVICE: FUEL 100LL, JET A+ **LGT** ACTIVATE PAPI Rwy 09 and Rwy 27 and MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended continuously. 24 hr fuel svc 406–768–3800. For current arpt sfc conditions call 406–768–7400.
AIRPORT MANAGER: (406) 768-7400
WEATHER DATA SOURCES: AWOS–AV 135.325 (406) 448–2453.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.
WILLISTON (L) VORW/DME 116.3 ISN Chan 110 N48º15.21´ W103º45.04´ 255º 57.1 NM to fld. 2372/8E.

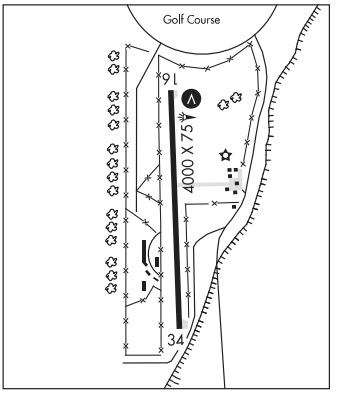


PORT OF DEL BONITA

WHETSTONE INTL (H28) 32 NW UTC–7(–6DT) N49º00.00´ W112º47.55´ **GREAT FALLS**
4336 AOE NOTAM FILE GTF
RWY 07–25: 4440X65 (TURF)
RWY 07: P–line.
AIRPORT REMARKS: Unattended. No snow removal. Rwy 07–25 gopher holes on sfc. Rwy 07 p–line marked with red balls. Rwy 07–25 cone markers every 200´ both sides of rwy and red cones mark thlds.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RAVALLI CO (See HAMILTON on page 96)

RED LODGE (RED)(KRED) 1 NW UTC–7(–6DT) N45º11.09´ W109º15.46´ **GREAT FALLS**
5762 B NOTAM FILE GTF **L–13D**
RWY 16–34: H4000X75 (ASPH) S–4, D–6 MIRL 1.6% up S
RWY 16: VASI(V2L)—GA 3.0º TCH 27´. Road.
RWY 34: Road.
SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 16–34 and VASI Rwy 16—CTAF.
AIRPORT REMARKS: Unattended. Wildlife on and invof rwy.
AIRPORT MANAGER: (252) 259-5624
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45º48.51´ W108º37.48´ 202º 46.0 NM to fld. 3811/14E.

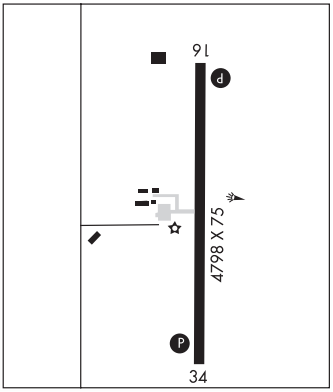


RICHEY (7U8) 1 SW UTC–7(–6DT) N47°37.59´ W105°04.78´ **BILLINGS**
2494 NOTAM FILE GTF
RWY 14–32: 2690X75 (TURF–DIRT)
RWY 32: Hill.
AIRPORT REMARKS: Unattended. AER 14 has dip obscured by grass prior to thld. No snow removal.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RIDDICK FLD (See PHILIPSBURG on page 110)

ROCK CREEK (See CLINTON on page 84)

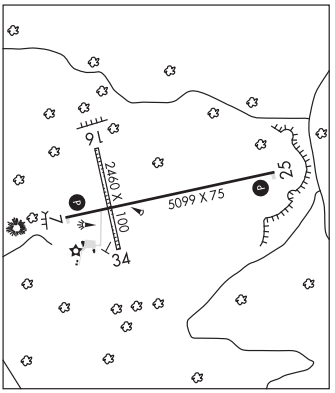
RONAN (7SØ) 3 N UTC–7(–6DT) N47°34.03´ W114°06.07´ **GREAT FALLS**
3086 B NOTAM FILE GTF **L–13C**
RWY 16–34: H4798X75 (ASPH) MIRL **IAP**
RWY 16: PAPI(P2L)—GA 3.0° TCH 21´.
RWY 34: PAPI(P2L)—GA 3.0° TCH 22´.
SERVICE: FUEL 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 16–34; PAPI Rwy 16 and Rwy 34—CTAF. Rwy 16 PAPI not coincident with LPV apch.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs via self serve credit card svc. Use 1215 to access pilot´s lounge.
AIRPORT MANAGER: (406) 250-4824
WEATHER DATA SOURCES: AWOS–2 119.925 (406) 676–2967.
COMMUNICATIONS: CTAF/AUNICOM 122.8
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE FCA.
KALISPELL (H) VORW/DME 113.2 FCA Chan 79 N48°12.85´ W114°10.55´ 158° 39.0 NM to fld. 2984/18E.
VOR/DME unusable:
010°–070° byd 10 NM
160°–280° byd 30 NM blo 13,000´
350°–010° byd 10 NM blo 23,000´
VOR unusable:
070°–088° byd 20 NM blo 16,000´
088°–113° byd 22 NM blo 13,000´
088°–113° byd 35 NM blo 16,000´
DME unusable:
070°–113° byd 20 NM blo 16,000´
070°–113° byd 37 NM



ROSS INTL (See SWEETGRASS on page 120)

ROTORCRAFT HELIPORT (See HAMILTON on page 96)

ROUNDUP (RPX)(KRPX) 2 N UTC–7(–6DT) N46°28.50´ W108°32.61´ **BILLINGS**
3490 B NOTAM FILE GTF **H–1E, L–13D**
RWY 07–25: H5099X75 (ASPH) S–12.5 MIRL 0.7% up W **IAP**
RWY 07: PAPI(P2L)—GA 4.0° TCH 43´. Ground.
RWY 25: PAPI(P2L)—GA 3.0° TCH 42´.
RWY 16–34: 2460X100 (TURF) 0.8% up S
SERVICE: S4 **FUEL** 100LL, JET A1 **LGT** ACTIVATE MIRL Rwy 07–25; PAPI Rwy 07 and Rwy 25—122.7.
AIRPORT REMARKS: Unattended. Svc avbl by phone 406–855–7354. Parachute Jumping. Credit card self svc fuel avbl 24 hrs. Wildlife on and invof arpt. Ultralights on and invof arpt. Radio ctl airplane ops on arpt. Rgt tfc Rwy 25 from 0500–1400Z‡. Rwy 16–34 marked with white cones full length, red cones mark thld. Rwy 07 markings faded.
AIRPORT MANAGER: 406-323-1564
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Billings Apch at 406-255-2798.
RADIO AIDS TO NAVIGATION: NOTAM FILE BIL.
BILLINGS (H) VORTACW 114.5 BIL Chan 92 N45°48.51´ W108°37.48´ 351° 40.1 NM to fld. 3811/14E.



RUSSIAN FLAT (M42) 0 N UTC–7(–6DT) N46°43.46´ W110°25.07´ **GREAT FALLS**
6336 NOTAM FILE GTF
RWY 07–25: 3000X65 (TURF)
RWY 07: Trees.
RWY 25: REIL. Trees.
AIRPORT REMARKS: Unattended. Wildlife and livestock possible on rwy. Rwy 07–25 NSTD markings, thld and 1/4 distances marked with white turf rwy cones. Recommended tkf Rwy 07, ldg Rwy 25. Uphill slope to west.
AIRPORT MANAGER: 406-566-2292
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RYEGATE (8UØ) 1 S UTC–7(–6DT) N46°17.43´ W109°14.86´ **GREAT FALLS**
3689 B NOTAM FILE GTF
RWY 07–25: 3440X100 (TURF)
AIRPORT REMARKS: Unattended. No snow removal. Rwy 07–25 sfc condition rough. Rwy 07–25 marked by white cones full length.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

ST IGNATIUS (52S) 1 NE UTC–7(–6DT) N47°19.50´ W114°04.85´ **GREAT FALLS**
3006 B NOTAM FILE GTF
RWY 08–26: H2610X60 (ASPH) LIRL 1.4% up E
RWY 08: Road.
RWY 26: Bldg.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 08–26—122.9.
AIRPORT REMARKS: Attended continuously. Telephone on fld 406–745–4008. Migratory flocks of birds invof rwy. Snow removal. Rwy 08 90´ relocated thld for ngt ops only. Rwy 26 243´ relocated thld for ngt ops only. 2277´ avbl for ngt ops. Rwy 08–26 100´ unlgtd, Rwy 26 240´ unlgtd, 2370´ lgtd at ngt. BLDG 93 FT to the R of CNTRLN 322 FT FM RWY end 15 FT ABV RWY end. BLDG 175 FT to the R of CNTRLN, 295 FT FM RWY end 20 FT ABV RWY end. BLDG 18 FT tall 385 FT FM RWY end 141 FT L of CNTRLN. Rwy 26 turf overrun 300 ft by 60 ft.
AIRPORT MANAGER: (406) 544-8004
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568

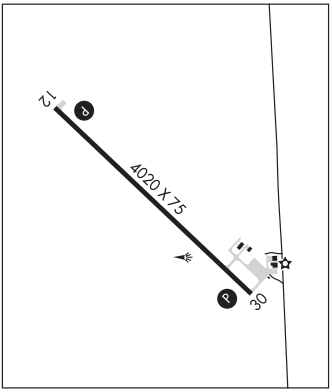
ST LABRE MISSION (See ASHLAND on page 75)

SAND SPRINGS STRIP (8U1) 1 NW UTC–7(–6DT) N47º06.25´ W107º30.18´ **BILLINGS**
3180 TPA—3900(720) NOTAM FILE GTF
RWY 10–28: 2400X60 (TURF) 0.9% up E
RWY 10: Road.
AIRPORT REMARKS: Attended dalgt hrs. No snow plowing in winter. Animals on and invof rwy. Rwy 10–28 may be soft when wet. Rwy 10–28 rough and uneven with tall grass. No ldg on twy connected to Rwy 28.
AIRPORT MANAGER: 406-449-8182
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

SCHAFER (USFS) (8U2) 15 SE UTC–7(–6DT) N48º04.78´ W113º14.70´ **GREAT FALLS**
4856 NOTAM FILE GTF
RWY 07–25: 3200X60 (TURF)
RWY 07: Trees.
RWY 25: Trees.
AIRPORT REMARKS: Unattended. Summer phone 406–752–7345. Watch for horses or big game animals on rwy. Low area north side of rwy approximately 1100´ from AER 25, use caution. Trees and terrain in transition sfc both sides of rwy full length. Primary purpose of air station is a trailhead for wilderness areas. Rwy 07 first 800´ umarked except thld. Rwy 25 rwy cone width may vary. First 2400´ marked with white cones 200´ apart. First 400´ of Rwy 25 is uneven, bouncy and rough. Tkf and land Rwy 25 conditions permitting.
AIRPORT MANAGER: 406-758-5376
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

SCOBEY

SCOBEY (9S2) 1 NW UTC–7(–6DT) N48º48.46´ W105º26.37´ **BILLINGS**
2434 B NOTAM FILE GTF **L–13E**
RWY 12–30: H4020X75 (ASPH) S–11 MIRL 1.1% up SE **IAP**
RWY 12: PAPI(P2L)—GA 3.0º TCH 25´.
RWY 30: PAPI(P2L)—GA 3.0º TCH 22´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** MIRL Rwy 12–30, PAPI Rwy 12 and Rwy 30 opr dusk–0600Z‡, after 0600Z‡ ACTIVATE—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. For fuel after hrs call 406–487–5544. Deer on and invof arpt.
AIRPORT MANAGER: 406-487-2725
COMMUNICATIONS: CTAF/AUNICOM 122.8
SALT LAKE CENTER APP/DEP CON 126.85
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.
GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48º12.92´ W106º37.53´ 039º 59.2 NM to fld. 2283/14E.



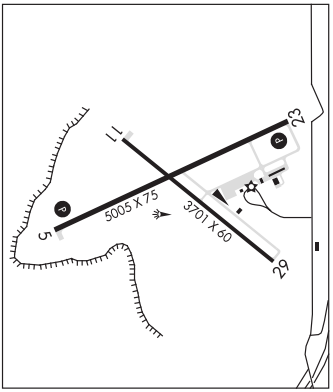
SCOBEY BORDER STATION (EAST POPLAR INTL) (8U3) 13 N UTC–7(–6DT) N48º59.97´ W105º24.02´ **BILLINGS**
2501 LRA NOTAM FILE GTF
RWY 07–25: 3330X75 (TURF) 1.7% up E
RWY 07: Pole.
AIRPORT REMARKS: Unattended. May have livestock on and invof arpt. No snow removal. Rwy 07–25 soft when wet. Rwy 07–25 marked with cones full length. Rwy 07–25 sfc rolling with gopher holes.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

SEELEY LAKE

LINDEY'S LANDING WEST SPB (M35) 1 NW UTC–8(–7DT) N47°10.46´ W113°28.80´ **GREAT FALLS**
3993 NOTAM FILE GTF
WATERWAY 12–30: 14000X1000 (WATER)
SERVICE: FUEL MOGAS
SEAPLANE REMARKS: Attended continuously. Mogas fuel avbl by prior req only.
AIRPORT MANAGER: 406-677-4101
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568

SEELEY LAKE (23S) 2 E UTC–7(–6DT) N47°10.92´ W113°26.71´ **GREAT FALLS**
4256 B NOTAM FILE GTF
RWY 16–34: 4575X75 (TURF) 1.7% up NW
RWY 16: Trees.
SERVICE: LGT Non–standard solar Rwy 34 – first 1/2 of rwy – summer months only.
AIRPORT REMARKS: Unattended. Birds and wildlife on and invof arpt. Snow removal intermittent, call arpt mgr for current cond 406–444–2506. Tkfs to north not recommended due to rising terrain. Rwy 34 has 1150´ overrun avbl for tkf and ldg. Trees in transitional sfc full rwy length both sides. Rwy 16–34 marked full length with w cones with reflective tape, summer months only. Rwy 16 displaced thld 311´ fr rwy end for 20:1 approach slope marked with double w cones. Crew car available.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568

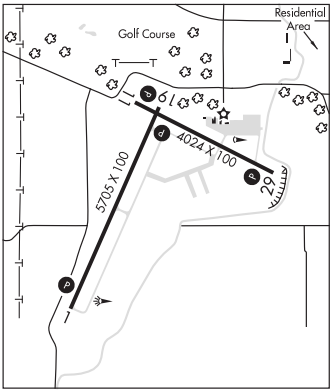
SHELBY (SBX)(KSBX) 2 N UTC–7(–6DT) N48°32.44´ W111°52.28´ **GREAT FALLS**
3443 B NOTAM FILE GTF **H–1D, L–13C**
RWY 05–23: H5005X75 (ASPH) S–15 PCN 6 F/D/Y/T MIRL **IAP**
0.5% up NE
RWY 05: PAPI(P2L)—GA 3.0° TCH 45´.
RWY 23: PAPI(P2L)—GA 3.0° TCH 45´.
RWY 11–29: H3701X60 (ASPH) S–15 MIRL
SERVICE: FUEL 100LL, JET A+ **LGT** ACTVT PAPI Rwy 05 and Rwy 23; MIRL Rwy 05–23 and Rwy 11–29—CTAF.
AIRPORT REMARKS: Attended 1500–0100Z‡. For fuel after hrs call 406–450–2461 or 406–450–2463. Self svc credit card for 100LL and Jet A+. Fuel truck avbl for Jet A+. Cold temperature restricted airport. Altitude correction required at or below –31C. Deer on and invof arpt. Twy edges marked with reflectors.
AIRPORT MANAGER: (406) 450-2463
COMMUNICATIONS: CTAF/UNICOM 122.8
CUT BANK RCO 122.2 (GREAT FALLS RADIO)
SALT LAKE CENTER APP/DEP CON 133.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CTB.
CUT BANK (L) VORW/DME 113.35 CTB Chan 80(Y) N48°33.90´ W112°20.60´ 077° 18.9 NM to fld. 3791/17E.



SHER–WOOD (See PLENTYWOOD on page 111)

SIDNEY–RICHLAND RGNL (SDY)(KSDY) 1 W UTC–7(–6DT) N47°42.41´ W104°11.55´ **BILLINGS**
1985 B Class III, ARFF Index A NOTAM FILE SDY **H–1F, 2H, L–13E**
IAP, AD

RWY 01–19: H5705X100 (ASPH–GRVD) S–46.5, D–61, 2D–109 PCN 18 F/D/X/T MIRL
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 33´.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 41´. Tree. Rgt tfc.
RWY 11–29: H4024X100 (ASPH–GRVD) S–12, D–18 PCN 18 F/D/X/T MIRL 0.4% up NW
RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40´. Road. Rgt tfc.
RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 22´. Road.



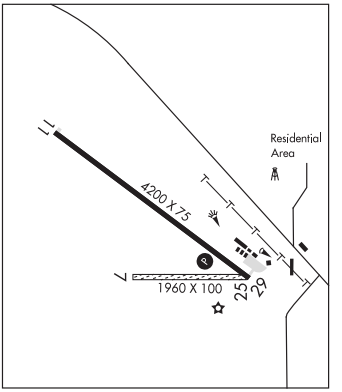
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–5705 TODA–5705 ASDA–5705 LDA–5705
RWY 11: TORA–4023 TODA–4023 ASDA–4023 LDA–4023
RWY 19: TORA–5705 TODA–5705 ASDA–5705 LDA–5705
RWY 29: TORA–4023 TODA–4023 ASDA–4023 LDA–4023

SERVICE: S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTIVATE MIRL Rwy 01–19 and Rwy 11–29, REIL Rwy 01, Rwy 11, Rwy 19 and Rwy 29 and PAPI Rwy 01, Rwy 11, Rwy 19, and Rwy 29—CTAF.
AIRPORT REMARKS: Attended 1300–0200Z‡. On call 24 hrs a day. For arpt cond, ctc arpt mgnt 406–480–1820. Sfc cond unmonitored 0400–1300Z‡. Flocks of water fowl invof arpt.
AIRPORT MANAGER: (406) 480-1820
WEATHER DATA SOURCES: AWOS–3PT 119.275 (406) 482–7323.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (GREAT FALLS RADIO)
®**SALT LAKE CENTER APP/DEP CON** 126.85
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE ISN.
WILLISTON (L) VORW/DME 116.3 ISN Chan 110 N48°15.21´ W103°45.04´ 201° 37.3 NM to fld. 2372/8E.

SMITH LAKE N48°06.50´ W114°27.67´ NOTAM FILE FCA. **GREAT FALLS**
NDB (MHW) 515 SAK 019° 14.7 NM to Glacier Park Intl. 3157/15E. **L–13B**

SPOTTED BEAR (USFS) (8U4) 3 NW UTC–7(–6DT) N47°57.70´ W113°33.57´ **GREAT FALLS**
3672 NOTAM FILE GTF
RWY 14–32: 3800X78 (TURF–GRVL) 0.3% up SE
RWY 14: Trees.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. Mountains and trees in transition area both sides of rwy. Rwy 14–32 up to 4" rock on rwy sfc. Rwy 14–32 north quarter of strip has a slight dog–leg, dog–leg begins 1100´ from north end. Rwy 14 first 1400´ of rwy not marked with cones. Rwy 32 first 2400´ marked with cones spaced 200´ apart. Phone in ranger station.
AIRPORT MANAGER: 406-758-5376
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

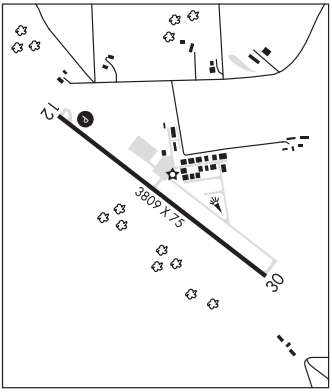
STANFORD/BIGGERSTAFF FLD (S64) 1 S UTC–7(–6DT) N47°08.80´ W110°13.79´ **GREAT FALLS**
4328 B NOTAM FILE GTF **L–13D**
RWY 11–29: H4200X75 (ASPH) S–12 MIRL 0.3% up NW
RWY 29: PAPI(P2L)—GA 3.0° TCH 30´.
RWY 07–25: 1960X100 (TURF) 0.7% up W
SERVICE: **LGT** ACTIVATE MIRL Rwy 11–29; PAPI Rwy 29—CTAF.
AIRPORT REMARKS: Attended irregularly. Conds not rprtd durg wint months ctc mgr for conds 406–490–2277. Courtesy car avbl.
AIRPORT MANAGER: (406) 490-7708
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE LWT.
LEWISTOWN (H) VORW/DME 115.45 LWT Chan 101(Y)
N47°03.18´ W109°36.37´ 268° 26.2 NM to fld.
4188/15E.
DME unusable:
040°–055° byd 30 NM blo 10,000´
360°–015° byd 30 NM blo 10,000´
VOR/DME unusable:
135°–155° byd 30 NM



STARR–BROWNING AIRSTRIP (See BROWNING on page 81)

STEVENS RANCH (See ASHLAND on page 75)

STEVENSVILLE (32S) 2 NE UTC–7(–6DT) N46º31.51´ W114º03.17´ **GREAT FALLS**
3614 B NOTAM FILE GTF **L–13C**
RWY 12–30: H3809X75 (ASPH–PFC) S–12.5 MIRL 2.0% up SE **IAP**
RWY 12: PAPI(P2L)—GA 3.0º TCH 43´.
SERVICE: S4 **FUEL** 100LL **OX** 4 **LGT** ACTIVATE PAPI Rwy 12, MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Unattended. Parachute Jumping. Fuel sold 24 hr by credit card self svc. Snw removal intmt chk with mgr for current conds cell 406–369–5502. Pattern altitude 800 AGL — calm wind; Rwy 12 uphill for landing, Rwy 30 downhill for takeoff. Crew car available.
AIRPORT MANAGER: (406) 369-5502
WEATHER DATA SOURCES: AWOS–AV 120.925 (406) 992–2806.
COMMUNICATIONS: CTAF/UNICOM 122.8
SPOKANE APP/DEP CON 124.9 (1400–0620Z‡)
SALT LAKE CENTER APP/DEP CON 133.4 (0620–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568
RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.
MISSOULA (L) VORW/DME 112.8 MSO Chan 75 N46º54.48´ W114º05.02´ 164º 23.0 NM to fld. 3202/13E.
VOR unusable:
047º–067º byd 30 NM
067º–086º byd 30 NM blo 14,000´
086º–120º byd 27 NM blo 13,000´
086º–120º byd 36 NM blo 14,000´
086º–154º byd 20 NM blo 11,000´
120º–154º byd 35 NM blo 13,000´
172º–227º byd 25 NM
227º–247º byd 20 NM blo 12,000´
227º–247º byd 30 NM
247º–262º byd 30 NM blo 12,000´
262º–277º byd 30 NM blo 10,000´
297º–347º byd 30 NM
347º–047º byd 10 NM
DME unusable:
047º–067º byd 30 NM
067º–086º byd 30 NM blo 14,000´
086º–120º byd 27 NM blo 14,000´
086º–120º byd 39 NM
086º–154º byd 20 NM blo 11,000´
120º–154º byd 35 NM blo 13,000´
172º–227º byd 25 NM
227º–247º byd 20 NM blo 12,000´
227º–247º byd 30 NM
247º–262º byd 30 NM blo 12,000´
262º–277º byd 30 NM blo 10,000´
297º–347º byd 30 NM
347º–047º byd 10 NM
COMM/NAV/WEATHER REMARKS: AWOS A(V) lctd on arpt – freq: 120.925.



SUPERIOR

MINERAL CO (9S4) 2 SE UTC–7(–6DT) N47º10.10´ W114º51.22´ **GREAT FALLS L–13B**

2787 NOTAM FILE GTF

RWY 12–30: H3450X75 (ASPH) S–12

RWY 12: Tree.

RWY 30: Tree.

SERVICE: **FUEL** 100LL

AIRPORT REMARKS: Unattended. Mountainous terrain surrounding arpt.

AIRPORT MANAGER: 406-382-0161

COMMUNICATIONS: CTAF 122.9

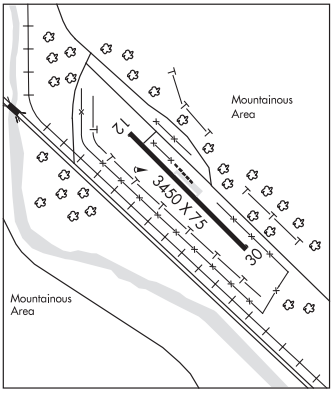
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE MSO.

MISSOULA (L) VORW/DME 112.8 MSO Chan 75 N46º54.48´ W114º05.02´ 284º 35.3 NM to fld. 3202/13E.

VOR unusable:
- 047º–067º byd 30 NM
- 067º–086º byd 30 NM blo 14,000´
- 086º–120º byd 27 NM blo 13,000´
- 086º–120º byd 36 NM blo 14,000´
- 086º–154º byd 20 NM blo 11,000´
- 120º–154º byd 35 NM blo 13,000´
- 172º–227º byd 25 NM
- 227º–247º byd 20 NM blo 12,000´
- 227º–247º byd 30 NM
- 247º–262º byd 30 NM blo 12,000´
- 262º–277º byd 30 NM blo 10,000´
- 297º–347º byd 30 NM
- 347º–047º byd 10 NM

DME unusable:
- 047º–067º byd 30 NM
- 067º–086º byd 30 NM blo 14,000´
- 086º–120º byd 27 NM blo 14,000´
- 086º–120º byd 39 NM
- 086º–154º byd 20 NM blo 11,000´
- 120º–154º byd 35 NM blo 13,000´
- 172º–227º byd 25 NM
- 227º–247º byd 20 NM blo 12,000´
- 227º–247º byd 30 NM
- 247º–262º byd 30 NM blo 12,000´
- 262º–277º byd 30 NM blo 10,000´
- 297º–347º byd 30 NM
- 347º–047º byd 10 NM



SWEETGRASS

ROSS INTL (7S8) 1 W UTC–7(–6DT) N48º59.91´ W111º58.69´ **GREAT FALLS**

3553 LRA NOTAM FILE GTF

RWY 07–25: 2900X80 (TURF) 0.5% up E

RWY 25: Pole.

AIRPORT REMARKS: Unattended. No snow removal. Rwy 07–25 sfc muddy when wet. Gopher holes on rwy sfc. Eastern end and twy have heavy ruts. Rwy 07 red cones mark each thld and white cones spaced 200´ mark rwy edges full length. +18´ bldgs, +4´ fences and +30´ trees both sides of twy and rwy in transition sfc beginning 405´ west of Rwy 25 east to Rwy 25 thld. Also Rwy 25 +22´ fence 62´ rgt and 515´ from Rwy 25 end penetrates approach sfc. 3´ fiberglass stakes obstructions in tiedown area.

AIRPORT MANAGER: 406-444-2506

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

TARGY N44º34.53´ W111º11.85´ NOTAM FILE WYS. **GREAT FALLS L–13C**

NDB (MHW/LOM) 415 LO 013º 7.6 NM to Yellowstone. 7000/14E.
NDB opr May 9 thru Oct 13

TERRY (8U6) 1 SE UTC–7(–6DT) N46º46.63´ W105º18.79´ **BILLINGS L–13E**

2283 B NOTAM FILE GTF

RWY 08–26: H4300X75 (ASPH) S–12.5 MIRL

RWY 08: PAPI(P2L)—GA 4.0º TCH 36´.

RWY 26: PAPI(P2L)—GA 3.0º TCH 25´. Road.

SERVICE: **LGT** ACTIVATE MIRL Rwy 08–26—CTAF.

AIRPORT REMARKS: Attended continuously. Snow removal intermittent. Rwy 08–26 markings faded.

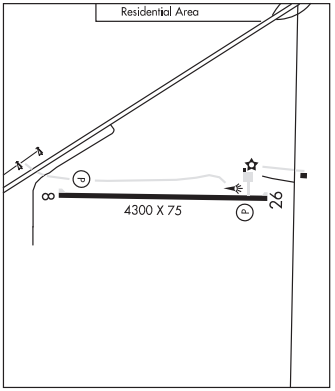
AIRPORT MANAGER: (406) 853-1876

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLS.

MILES CITY (H) VORW/DME 112.1 MLS Chan 58 N46º22.93´ W105º57.21´ 039º 35.6 NM to fld. 2666/9E.



THOMPSON FALLS (THM)(KTHM) 3 SE UTC–7(–6DT) N47º34.41´ W115º16.84´ **GREAT FALLS L–13B**

2467 B NOTAM FILE GTF

RWY 08–26: H4200X75 (ASPH) S–12.5 MIRL

RWY 08: PAPI(P2L)—GA 3.75º TCH 40´.

RWY 26: PAPI(P2L)—GA 3.25º TCH 30´. Trees.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 08 and Rwy 26, MIRL Rwy 08–26—CTAF. Rwy 08 PAPI baffled horizontally byd 5º north and south of cntrln and unusable byd 2.6 NM.

AIRPORT REMARKS: Unattended. Fuel avbl 24/7 with credit card. Waterfowl invof arpt. Snow removal intermittent, call 406–827–0078 for rwy conditions. Marked gnd wires 7 miles East Mainland to Big Island.

AIRPORT MANAGER: 406-827-3519

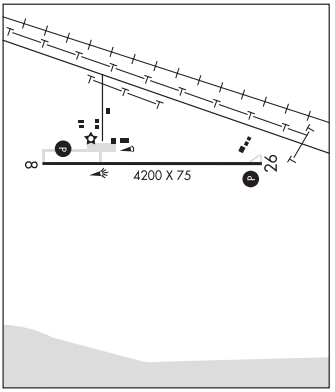
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

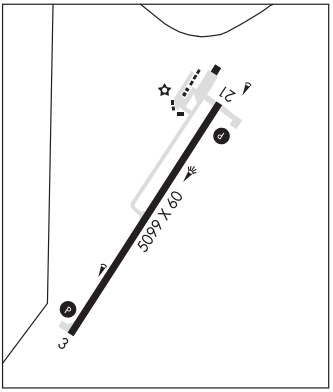
RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.

MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 050º 16.4 NM to fld. 6100/15E.

VOR portion unusable:
060º–090º byd 20 NM blo 9,500´



THREE FORKS (9S5) 1 SE UTC–7(–6DT) N45º52.69´ W111º34.17´ **GREAT FALLS H–1D, L–13C**
4089 B NOTAM FILE GTF
RWY 03–21: H5099X60 (ASPH) S–12 MIRL
RWY 03: REIL. PAPI(P2L)—GA 3.0º TCH 25´.
RWY 21: REIL. PAPI(P2L)—GA 3.25º TCH 29´.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REILs Rwy 03 and Rwy 21; PAPI Rwy 03 and Rwy 21; MIRL Rwy 03–21—CTAF.
AIRPORT REMARKS: Attended continuously. Fuel 24 hr credit card svc avbl. Ultralight activity on and invof arpt. Parachute Jumping. Ocnl aerobatic maneuvers invof arpt. Upon departure, all acft must reach 500´ alt prior to making any turns.
AIRPORT MANAGER: 406-285-6852
COMMUNICATIONS: CTAF/AUNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861, if unable ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BZN.
BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45º47.03´ W111º09.33´ 270º 18.3 NM to fld. 4436/18E.
VOR portion unusable:
360º–105º byd 20 NM
DME portion unusable:
350º–105º byd 20 NM



TIBER DAM (B7Ø) 1 SW UTC–7(–6DT) N48º18.83´ W111º06.55´ **GREAT FALLS**
3023 NOTAM FILE GTF
RWY 12–30: 2550X90 (TURF)
RWY 30: Road.
AIRPORT REMARKS: Unattended. No snow removal. Rwy 12–30 marked with white cones full length spaced every 200´. Rwy 12–30 may be rough. Road xng rwy near midpt.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

TILLITT FLD (See FORSYTH on page 91)

TOWNSEND

CANYON FERRY (8U9) 7 NW UTC–7(–6DT) N46º25.13´ W111º34.63´ **GREAT FALLS**
3840 NOTAM FILE GTF
RWY 16–34: 3200X75 (GRVL)
RWY 34: Thld dsplcd 597´.
AIRPORT REMARKS: Unattended. Rwy 16–34 loose rock and gravel up to 3 inches. Soft when wet. Rwy 16–34 marked with white cones spaced 200´ apart. Rwy 34 dsplcd thld marked with red cones.
AIRPORT MANAGER: 406-351-1687
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Helena Apch at 406-449-5756/5761, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.

TOWNSEND (8U8) 2 E UTC–7(–6DT) N46º19.87´ W111º28.96´ **GREAT FALLS**
3897 B NOTAM FILE GTF **L–13C**

RWY 17–35: H4000X60 (ASPH) S–5 MIRL 0.4% up S
RWY 17: PAPI(P2L)—GA 3.0º TCH 30´.
RWY 35: PAPI(P2L)—GA 4.0º TCH 44´.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 17–35 and PAPI Rwy 17 and Rwy 35—CTAF.

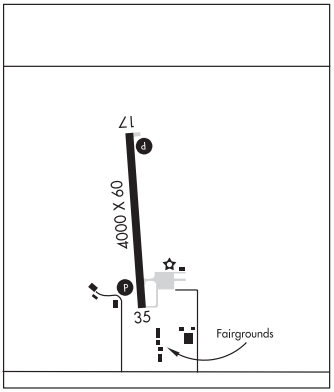
AIRPORT REMARKS: Unattended. Intermittent snow removal on Rwy 17–35. Twy marked with reflectors.

AIRPORT MANAGER: (406) 459-4825

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Helena Apch at 406-449-5756/5761, when Apch clsd ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE BZN.
BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45º47.03´ W111º09.33´ 320º 35.6 NM to fld. 4436/18E.
VOR portion unusable:
360º–105º byd 20 NM
DME portion unusable:
350º–105º byd 20 NM



TROY (57S) 1 NW UTC–7(–6DT) N48º28.81´ W115º54.21´ **GREAT FALLS**
2017 NOTAM FILE GTF **L–13B**

RWY 14–32: H3570X30 (ASPH)
RWY 14: Thld dsplcd 825´. Trees.
RWY 32: Thld dsplcd 780´. Trees. Rgt tfc.

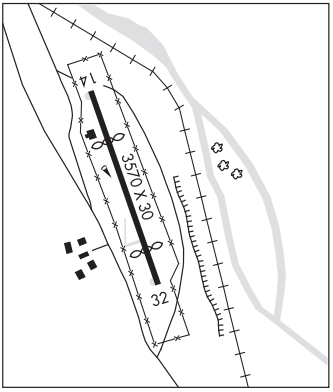
AIRPORT REMARKS: Unattended. Manager number disconnected winter months. Call owner at 406–295–4693 during this period. Pedestrians using walking track invof movement area. No snow removal. Rwy 14–32 dsplcd thlds marked with white arrows. Lgtd helipad on arpt adjacent to segmented circle.

AIRPORT MANAGER: (406) 334-7037

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLP.
MULLAN PASS (H) VORW/DME 117.8 MLP Chan 125 N47º27.41´ W115º38.76´ 336º 62.3 NM to fld. 6100/15E.
VOR portion unusable:
060º–090º byd 20 NM blo 9,500´



TURNER (9UØ) 1 NE UTC–7(–6DT) N48º51.02´ W108º24.23´ **BILLINGS**
3051 B NOTAM FILE GTF **L–13D**

RWY 07–25: H3612X60 (ASPH) S–12.5 MIRL
RWY 25: PAPI(P2L)—GA 3.0º TCH 38´.
RWY 10–28: 2190X90 (TURF)

SERVICE: **FUEL** 100LL **LGT** MIRL Rwy 07–25; PAPI Rwy 25 opr dusk–0500Z‡, after 0500Z‡ ACTIVATE MIRL Rwy 07–25; PAPI Rwy 25—CTAF. Rwy 25 PAPI OTS.

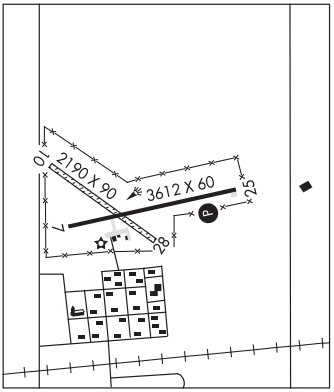
AIRPORT REMARKS: Attended Mon–Fri, dawn—dusk. Fuel, self service credit card 24/7. Rwy 10–28 marked with white cones full length thlds marked with red cones. Rwy 07 markings faded.

AIRPORT MANAGER: 406-379-2584

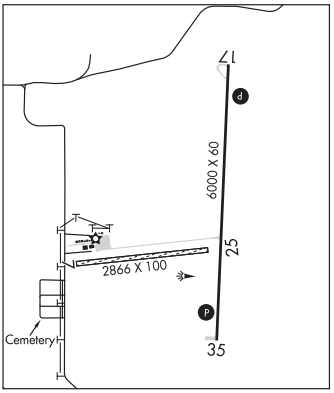
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVR.
HAVRE (L) VORW/DME 111.8 HVR Chan 55 N48º32.43´ W109º46.20´ 055º 57.4 NM to fld. 2583/16E.



TWIN BRIDGES (7S1) 2 SE UTC–7(–6DT) N45°32.13´ W112°18.14´ **GREAT FALLS**
4789 B NOTAM FILE GTF **H–1D, L–13C**
RWY 17–35: H6000X60 (ASPH) S–60, D–78, 2D–99.9 **IAP**
PCN 24 F/D/Y/U MIRL 0.5% up N
RWY 17: PAPI(P2L)—GA 3.0° TCH 28´.
RWY 35: PAPI(P2L)—GA 3.0° TCH 38´.
RWY 07–25: 2866X100 (TURF–DIRT) 1.0% up W
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE PAPI Rwy 17 and Rwy 35; MIRL Rwy 17–35—122.9.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. Ultralights on and invof arpt. Deer and antelope on and invof arpt. 195´ tall twr 1.4 NM northeast of Rwy 17 thld. Afld sfc cond unmonitored.
AIRPORT MANAGER: (406) 684-5335
WEATHER DATA SOURCES: AWOS–3PT 119.025 (406) 684–5285.
COMMUNICATIONS: CTAF 122.9
Ⓡ**SALT LAKE CENTER APP/DEP CON** 132.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLN.
DILLON (H) VORW/DME 113.0 DLN Chan 77 N45°14.91´ W112°32.83´ 013° 20.1 NM to fld. 5257/18E.
DME portion unusable:
045°–090° byd 30 NM blo 11,700´
090°–140° byd 30 NM blo 12,600´
140°–180° byd 30 NM blo 11,500´
275°–290° byd 30 NM blo 12,500´

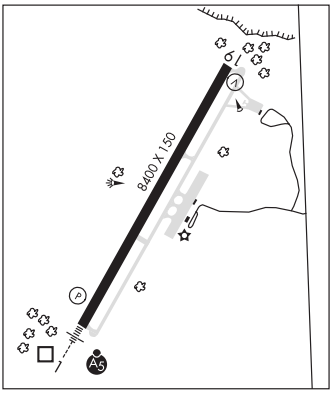


VALIER (7S7) 1 S UTC–7(–6DT) N48°18.01´ W112°15.07´ **GREAT FALLS**
3826 NOTAM FILE GTF
RWY 07–25: 3075X150 (TURF)
RWY 07: Trees.
RWY 25: Road. Rgt tfc.
RWY 04–22: 2280X300 (TURF)
RWY 04: Fence.
RWY 22: Road. Rgt tfc.
RWY 10–28: 2140X130 (TURF)
RWY 10: Bldg.
RWY 28: Trees. Rgt tfc.
SERVICE: **FUEL** JET A
AIRPORT REMARKS: Unattended. Waterfowl on and invof arpt. Rwy 07–25, Rwy 10–28 and Rwy 04–22 marked with white cones full length. Rwy 07 NSTD markings.
AIRPORT MANAGER: (406) 450-1620
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WEST FORK LODGE (See CONNER on page 85)

WEST YELLOWSTONE

YELLOWSTONE (WYS)(KWYS) 1 N UTC–7(–6DT) N44°41.30´ W111°07.06´ **GREAT FALLS**
6649 B ARFF Index—See Remarks NOTAM FILE WYS **H–1E, L–13C**
RWY 01–19: H8400X150 (ASPH–GRVD) S–90, D–150, 2S–175, 2D–280 PCN 33 F/A/X/T HIRL **IAP**
RWY 01: MALSR. PAPI(P4L)—GA 3.0° TCH 50´.
RWY 19: REIL. VASI(V4L)—GA 3.0° TCH 51´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–8400 TODA–8400 ASDA–8400 LDA–8400
RWY 19: TORA–8400 TODA–8400 ASDA–8400 LDA–8400
SERVICE: **FUEL** 100LL, JET A1+ **LGT** ACTVT MALSR Rwy 01; REIL Rwy 19; HIRL Rwy 01–19—CTAF. Not avbl 31 Oct–7 May.
AIRPORT REMARKS: Attended May–Oct 1500–0000Z‡, weather dependent. Arpt clsd Oct 31 thru May 7. Ck NOTAMS for oprn dates or call 406–459–9825/406–646–7631. Cond unmto 0000–1500Z‡ daily. No snow removal. For fuel dur off season hrs, call 208–326–8632. Parachute Jumping. Heavy snowmobile use on and adjacent rwy winter months. ARFF— Class I, ARFF Index A; PPR for air carrier ops with more than 30 pax seats, call arpt mgr 406–646–7631 or 406–459–9825. Cold temperature restricted airport. Altitude correction required at or below –19C. Ldg fee for turbine pwrd acft. Piston pwrd exempt.



AIRPORT MANAGER: 406-646-7631
WEATHER DATA SOURCES: AWOS–3P 118.1 (406) 646–7727.
COMMUNICATIONS: CTAF/UNICOM 123.0
SALT LAKE CENTER APP/DEP CON 132.4
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568 .
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
DUBOIS (H) VORTACW 116.9 DBS Chan 116 N44°05.33´ W112°12.56´ 037° 59.2 NM to fld. 4920/15E.
TARGY NDB (MHW/LOM) 415 LO N44°34.53´ W111°11.85´ 013° 7.6 NM to fld. 7000/14E. NOTAM FILE WYS. NDB opr May 9 thru Oct 13
ILS 110.7 I–LOW Rwy 01. Class IA. LOM TARGY NDB. ILS opr May 9 thru Oct 13.

YELLOWSTONE SPB (8M3) 13 NW UTC–7(–6DT) N44°49.80´ W111°17.25´ **GREAT FALLS**
6534 NOTAM FILE
WATERWAY 13W–31W: 12007X3000 (WATER)
SEAPLANE REMARKS: No docking lctn avbl.
AIRPORT MANAGER: 406-208-3004
COMMUNICATIONS: CTAF/UNICOM 123.0

WEST YELLOWSTONE N44°40.55´ W111°07.69´ NOTAM FILE GTF. **GREAT FALLS**
(H) DME 114.85 WYS Chan 95(Y) at Yellowstone. 6648/0E. SHUTDOWN. **L–13C**

WHEATLAND CO AT HARLOWTON (See HARLOWTON on page 98)

WHETSTONE INTL (See PORT OF DEL BONITA on page 112)

WHITE SULPHUR SPRINGS (7S6) 3 S UTC–7(–6DT) N46º29.74´ W110º54.71´ **GREAT FALLS**
5061 B NOTAM FILE GTF **H–1E, L–13C**
RWY 01–19: H6100X75 (ASPH) S–16.5 MIRL
RWY 01: PAPI(P2L)—GA 3.0º TCH 39´.
RWY 19: PAPI(P2L)—GA 3.0º TCH 35´. Thld dsplcd 231´.
RWY 13–31: 3200X90 (TURF) 1.2% up SE
SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 01–19 and PAPI Rwy 01 and Rwy 19—CTAF.
AIRPORT REMARKS: Unattended. Arpt clsd to helicopter ops over 5,000 lbs exc in designated fire fighting parking area. Antelope and birds freq on and invof arpt. Irrigation twrs AER 13. Rwy 13–31 no cones marking rwy edge, only cones on rwy ends.
AIRPORT MANAGER: 406-261-4556
WEATHER DATA SOURCES: AWOS–2 118.525 (406) 547–3511.
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BZN.
BOZEMAN (H) VORW/DME 112.4 BZN Chan 71 N45º47.03´ W111º09.33´ 355º 43.9 NM to fld. 4436/18E.
VOR portion unusable:
360º–105º byd 20 NM
DME portion unusable:
350º–105º byd 20 NM

WHITEFISH (58S) 1 E UTC–7(–6DT) N48º24.48´ W114º17.97´ **GREAT FALLS**
3066 NOTAM FILE GTF
RWY 11–29: 2560X75 (TURF)
RWY 11: Thld dsplcd 278´. Trees.
RWY 29: Trees.
AIRPORT REMARKS: Unattended. No sn removal. Arpt clsd in wint. Rwy 11–29 trees rr and p–lines in transitional sfc full rwy length on N side. Rwy 11 and Rwy 29 marked with w cones.
AIRPORT MANAGER: 406-444-2506
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WHITEHALL N45º51.71´ W112º10.18´ NOTAM FILE BTM. **GREAT FALLS**
(H) VORW/DME 113.7 HIA Chan 84 274º 14.8 NM to Bert Mooney. 4652/18E. **H–1D, L–13C**
VOR & DME unusable:
105º–160º byd 25 NM blo 17,000´
210º–230º byd 25 NM blo 17,000´
260º–310º byd 25 NM blo 17,000´
310º–330º byd 20 NM blo 17,000´
355º–050º byd 25 NM blo 15,500´

WILSALL (9U1) 4 NW UTC–7(–6DT) N46º02.97´ W110º41.10´ **GREAT FALLS**
5140 NOTAM FILE GTF
RWY 01–19: 3100X78 (TURF) 0.5% up N
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Rwy 01–19 soft when wet, gopher holes on rwy; poor cond. Rwy 01–19 rwy and thld marked with white cones full length; poor cond. Model airplane usage invof arpt.
AIRPORT MANAGER: 406-222-6504
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Big Sky Apch at 208-364-5860/5861, if unable ctc Salt Lake ARTCC at 801-320-2568.

WINIFRED

BLACK BUTTE NORTH (BBØ) 18 NE UTC–7(–6DT) N47º50.73´ W109º11.22´ **GREAT FALLS**
3150 NOTAM FILE GTF
RWY 09–27: 1800X60 (TURF)
RWY 27: Hill.
AIRPORT REMARKS: Unattended. No snow removal. Wildlife and cattle on and invof arpt. Rwy maintenance irregular. Rwy soft and muddy when wet. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

BULLWHACKER (BW8) 20 NE UTC–7(–6DT) N47º50.87´ W109º05.97´ **GREAT FALLS**
3100 NOTAM FILE GTF
RWY 09–27: 1500X60 (TURF)
RWY 09: Trees.
AIRPORT REMARKS: Unattended. Wildlife and cattle on and invof arpt. Rwy soft and muddy when wet. Rwy maintenance irregular. Rwy 09–27 sagebrush encroaching E end of rwy 300–400 ft. No snow removal. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

COW CREEK (CWØ) 27 NE UTC–7(–6DT) N47º56.85´ W109º00.48´ **GREAT FALLS**
3300 NOTAM FILE GTF
RWY 09–27: 2200X60 (TURF)
AIRPORT REMARKS: Unattended. Wildlife and cattle on and invof arpt. Rwy soft and muddy when wet. Rwy maintenance irregular. No snow removal. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

HELLER FARM (L51) 23 WSW UTC–7(–6DT) N47º43.58´ W108º52.50´ **BILLINGS**
2304 NOTAM FILE GTF
RWY 11–29: 2998X80 (TURF–DIRT)
RWY 11: Hill.
AIRPORT REMARKS: Attended irregularly. Do not land if wet. Livestock & wildlife possible on runway or in the vicinity. Rwy 11 cones for 2400´ with 300´ of ovrn. Rwy 29 2400´ marked with cones 300´ avbl for ovrn.
AIRPORT MANAGER: 406-727-3192
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

KNOX RIDGE (MT3) 24 E UTC–7(–6DT) N47º37.00´ W108º50.88´ **GREAT FALLS**
2950 NOTAM FILE GTF
RWY 09–27: 2100X60 (TURF)
AIRPORT REMARKS: Unattended. Wildlife and cattle on and invof arpt. Rwy soft and muddy when wet. Rwy maintenance irregular. No snow removal. Rwy 09–27 lrg ruts fm vehicles driving on rwy and sagebrush encroaching rwy. Rwy 09 nstd markings, thr mkr tires 30 ft wide. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

LEFT COULEE (LCØ) 22 NE UTC–7(–6DT) N47º53.12´ W109º01.37´ **GREAT FALLS**
3150 NOTAM FILE GTF
RWY 09–27: 1600X60 (TURF)
RWY 27: Tree.
AIRPORT REMARKS: Unattended. Wildlife and cattle on and invof arpt. Rwy soft and muddy when wet. Rwy maintenance irregular. No snow removal. Remote unimproved airstrip with rough sfc and high vegetation. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WINIFRED (9S7) 1 S UTC–7(–6DT) N47º33.32´ W109º23.20´ **GREAT FALLS**
3354 NOTAM FILE GTF
RWY 08–26: 4400X150 (TURF) S–4 1.7% up W
SERVICE: FUEL 100LL
AIRPORT REMARKS: Unattended. May be unmowed/unplowed. Emerg ctc 406–462–5487. Fuel avbl 24 hrs with credit card. Rwy sfc slope varies from nearly flat on both ends to 3 percent near the middle. Rwy 08–26 mkd full length with white cones.
AIRPORT MANAGER: 406-462-5487
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WOODHAWK (WHØ) 15 NE UTC–7(–6DT) N47º46.77´ W109º04.72´ **GREAT FALLS**
3100 NOTAM FILE GTF
RWY 09–27: 1200X60 (TURF)
RWY 27: Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED from Sep 1 to Nov 30 each year. No snow removal. Wildlife and cattle on and invof arpt. Rwy maintenance irregular. Rwy soft and muddy when wet. Remote unimproved airstrip with rough sfc and high vegetation. Coml acft ctc BLM mgr 406–538–1923.
AIRPORT MANAGER: (406) 622-4000
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WINNETT (7S2) 2 SW UTC–7(–6DT) N46º58.60´ W108º21.90´ **BILLINGS**
2989 NOTAM FILE GTF
RWY 12–30: 3130X75 (TURF)
RWY 30: P–line.
AIRPORT REMARKS: Unattended. For rwy conditions call 406–423–6361 or 406–928–6363. No snow removal. Rwy muddy when wet. Rwy 30 p–line 50´ 846´ east marked with white and orange balls. Rwy 12–30 NSTD markings, marked with white cones. Rwy 12–30 has a few gopher and badger holes.
AIRPORT MANAGER: 406-429-6551
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WISDOM (7S4) 2 S UTC–7(–6DT) N45º35.50´ W113º27.55´ **GREAT FALLS**
6133 NOTAM FILE GTF
RWY 01–19: 3445X60 (TURF)
RWY 01: Road.
RWY 19: Thld dsplcd 520´. Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED winter months. Rwy 01–19 wedge full length has 8" to 14" berm. Rwy 01–19 multiple gopher and badger holes. Rwy 01 first 400´ marked with white cones. Rwy 19 first 600´ marked with white cones. Rwy 19 dsplcd thld marked with 4 red cones.
AIRPORT MANAGER: (406) 689-3299
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WISE RIVER (Ø2T) 2 SW UTC–7(–6DT) N45º46.20´ W112º58.83´ **GREAT FALLS**
5830 NOTAM FILE GTF
RWY 02–20: 4050X60 (TURF–DIRT) 1.3% up S
RWY 02: Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt not plowed winter months. Rwy 02–20, Red cones on each rwy end mark thlds.
AIRPORT MANAGER: (406) 832-3130
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

WOKAL FLD/GLASGOW–VALLEY CO (See GLASGOW on page 94)

WOLF POINT

L M CLAYTON (OLF)(KOLF) 3 NE UTC–7(–6DT) N48º05.67´ W105º34.50´ **BILLINGS**
1989 B TPA—2789(800) NOTAM FILE OLF **H–1F, 2H, L–13E**
IAP, AD

RWY 11–29: H5091X100 (ASPH–GRVD) S–38, D–50 PCN 14 F/D/X/U MIRL
RWY 11: REIL. PAPI(P2L)—GA 3.0º TCH 28´. Road.
RWY 29: REIL. PAPI(P2L)—GA 3.0º TCH 29´.

SERVICE: FUEL 100LL **LGT** ACTIVATE REIL Rwy 11 and Rwy 29, PAPI Rwy 11 and Rwy 29, MIRL Rwy 11–29—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1300–0230Z‡. For SVC AFT NML BUS HRS call AMGR 406–688–8308 or 406–650–8305. Airfield SFC conds not montrd 0500–1200Z‡. 24 hr self svc credit card fuel facility. Cold temperature restricted airport. Altitude correction required at or below –38C.

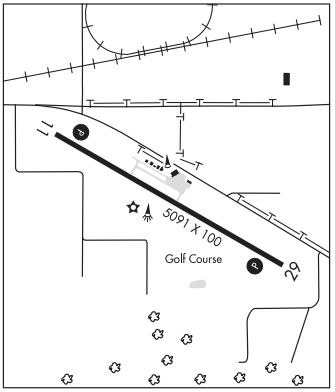
AIRPORT MANAGER: (406) 650-8305

WEATHER DATA SOURCES: ASOS 118.325 (406) 653–3865.

COMMUNICATIONS: CTAF/UNICOM 122.8
WOLF POINT RCO 122.45 (GREAT FALLS RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 126.85

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE GGW.
GLASGOW (H) VORW/DME 113.9 GGW Chan 86 N48º12.92´ W106º37.53´ 085º 42.8 NM to fld. 2283/14E.



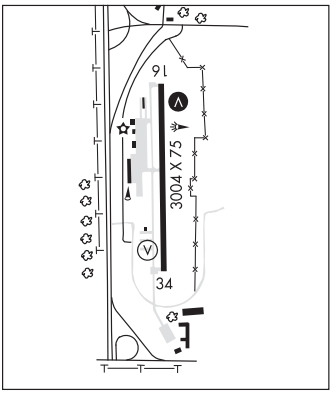
WOLTERMANN MEM (See COLUMBUS on page 85)

WOODHAWK (See WINIFRED on page 128)

YELLOWSTONE (See WEST YELLOWSTONE on page 125)

YELLOWSTONE SPB (See WEST YELLOWSTONE on page 125)

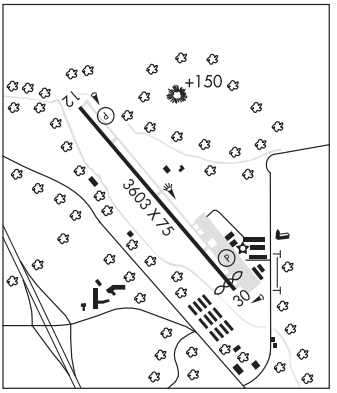
ALBANY MUNI (S12) 3 E UTC–8(–7DT) N44º38.27´ W123º03.57´ **SEATTLE**
227 B NOTAM FILE MMV **L–1B**
RWY 16–34: H3004X75 (ASPH) S–30, D–43, 2D–71 MIRL **IAP**
RWY 16: REIL. VASI(V4L)—GA 4.0º TCH 29´. Road.
RWY 34: REIL. VASI(V2L)—GA 4.0º TCH 25´. Trees.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16–34, REIL Rwy 16 and Rwy 34 and VASI Rwy 16—CTAF.
AIRPORT REMARKS: Attended 1600–0100Z‡. Twy marked by reflectors. NSTD color on north and south ends. Rwy 16 has a 497´ ovrn. Rwy 34 has a 160´ ovrn. Rwy 16 has 80´ unmarked tree at 1530´ on cntrln at 18:1. Rwy 34 has 65´ marked pline at 1575´ on cntrln at 20:1.
AIRPORT MANAGER: 541-917-7605
COMMUNICATIONS: CTAF/UNICOM 122.725
Ⓡ **CASCADE APP/DEP CON** 127.5 (1400–0730Z‡)
SEATTLE CENTER APP/DEP CON 125.8 (0730–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE CVO.
CORVALLIS (H) VORW/DME 115.4 CVO Chan 101 N44º29.97´ W123º17.62´ 032º 13.0 NM to fld. 242/18E.



ALKALI LAKE STATE (RØ3) 8 N UTC–8(–7DT) N43º05.24´ W119º58.56´ **KLAMATH FALLS**
4312 NOTAM FILE MMV
RWY 18–36: 6100X150 (GRVL)
AIRPORT REMARKS: Unattended. Livestock frequently on rwy. Windsock midfield west side.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

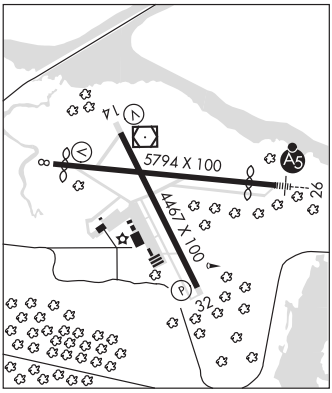
ARLINGTON MUNI (1S8) 1 NE UTC–8(–7DT) N45º43.35´ W120º10.62´ **SEATTLE**
890 NOTAM FILE MMV
RWY 06–24: 5000X50 (TURF)
RWY 24: Rgt tfc.
AIRPORT REMARKS: Unattended. Rwy 06–24 loose grvl on sfc, ctr portion grvl, sfc rough due to bunch grass growth. Rwy 06–24 hdg 070–250. Rwy 06–24 edges and ends not mkd.
AIRPORT MANAGER: 541-454-2743
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

ASHLAND MUNI–SUMNER PARKER FLD (SØ3) 2 E UTC–8(–7DT) N42º11.42´ W122º39.64´ **KLAMATH FALLS**
1889 B TPA—2904(1015) NOTAM FILE MMV **L–2I**
RWY 12–30: H3603X75 (ASPH) S–15 MIRL 1.1% up SE
RWY 12: PAPI(P2L)—GA 3.75º TCH 37´. Tree.
RWY 30: REIL. PAPI(P2R)—GA 4.0º TCH 22´. Thld dsplcd 190´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTIVATE MIRL Rwy 12–30, and REIL Rwy 30—CTAF. PAPI Rwy 12 and Rwy 30 opr 24 hrs.
AIRPORT REMARKS: Attended Oct–Apr Mon–Sat 1600–0100Z‡, May–Sep Mon–Sat 1600–0200Z‡, Sun 1700–0100Z‡. 24 hr credit card fuel available. Deer and birds on and invof arpt. Taxilane width in vcnty hangars 36 feet from center.
AIRPORT MANAGER: 541-482-7675
COMMUNICATIONS: CTAF/AUNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.
ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42º28.77´ W122º54.78´ 128º 20.7 NM to fld. 2083/19E.
TACAN AZIMUTH unusable:
245º–350º byd 30 NM blo 10,000´
VOR unusable:
260º–270º byd 35 NM blo 9,000´
290º–300º byd 35 NM blo 8,500´



ASTORIA RGNL (AST)(KAST) P (CG) 3 SW UTC–8(–7DT) N46º09.48´ W123º52.72´ **SEATTLE**
14 B NOTAM FILE AST **H–1B, L–1C**
IAP

RWY 08–26: H5794X100 (ASPH) S–60, D–76, 2S–97, 2D–119 MIRL
RWY 08: REIL. VASI(V4L)—GA 3.0º TCH 38´. Thld dsplcd 300´. Tree.
RWY 26: MALSR. Thld dsplcd 713´. Fence.
RWY 14–32: H4467X100 (ASPH) S–60, D–76, 2D–119 MIRL
RWY 14: REIL. VASI(V4L)—GA 3.0º TCH 55´. Berm.
RWY 32: PAPI(P4L)—GA 4.0º TCH 70´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–5794 TODA–5794 ASDA–5194 LDA–4894
RWY 14: TORA–4467 TODA–4467 ASDA–4467 LDA–4467
RWY 26: TORA–5794 TODA–5794 ASDA–5494 LDA–4780
RWY 32: TORA–4467 TODA–4467 ASDA–4467 LDA–4467



SERVICE: S3 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 08–26 and Rwy 14–32, MALSR Rwy 26 and REIL Rwy 08—CTAF. **MILITARY— JASU** 1(MD–3) **FUEL** A+ (Port of Astoria, avbl 1600–0100Z‡, C508–861–1222. OT C503–298–7531, $50 fee). (NC–100LL, A) **FLUID** SP

AIRPORT REMARKS: Attended 1600–0100Z‡. For fuel outside nml working hrs ctc FBO 503–298–7531. Rwy 14–32 has basic markings with side stripes. Migratory flocks of waterfowl on and invof arpt. High concentration helicopter opr in area.

AIRPORT MANAGER: (503) 741-3338

WEATHER DATA SOURCES: ASOS 135.375 (503) 861–1371.

COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (MC MINNVILLE RADIO)
SEATTLE CENTER APP/DEP CON 124.2

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AST.
(L) VORW/DME 114.0 AST Chan 87 N46º09.70´ W123º52.82´ at fld. 11/15E.
VOR unusable:
023º–034º byd 35 NM blo 5,500´
034º–049º byd 30 NM blo 5,500´
049º–059º byd 30 NM blo 7,500´
084º–104º byd 34 NM blo 6,000´
124º–154º byd 33 NM blo 7,000´
154º–174º byd 36 NM blo 7,000´
174º–204º byd 15 NM blo 8,000´
184º–214º byd 10 NM blo 3,300´
184º–244º byd 5 NM blo 2,000´
204º–214º byd 20 NM blo 8,000´
214º–244º byd 30 NM blo 6,000´
244º–324º byd 12 NM blo 2,000´
244º–324º byd 25 NM blo 5,000´
324º–334º byd 30 NM blo 5,500´
334º–004º byd 20 NM blo 5,500´
DME unusable:
079º–092º byd 35 NM blo 7,000´
334º–004º byd 28 NM blo 6,300´
ILS 109.5 I–AST Rwy 26. Class IE. Unmonitored.

AURORA STATE (UAO)(KUAO) 1 NW UTC–8(–7DT) N45º14.83´ W122º46.20´ **SEATTLE**
200 B NOTAM FILE UAO MON Airport **H–1B, L–1B**
IAP, AD

RWY 17–35: H5003X100 (ASPH–GRVD) S–30, D–45 MIRL
RWY 17: ODALS. VASI(V4R)—GA 3.5º TCH 38´. Trees.
RWY 35: VASI(V4L)—GA 3.25º TCH 51´. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE MIRL Rwy 17–35, VASI Rwy 17 and Rwy 35 and ODALS Rwy 17—CTAF.

AIRPORT REMARKS: Attended 1500–0400Z‡. Migratory birds on and invof arpt. Rwy 17 +30´ p–line 2100´ from thld, marked by balls. Rwy 17–35 has 150´ blast pad at south end. Rwy 35 calm wind rwy. Use only paved sfcs. Frequent straight–in instrument apch tfc to Rwy 17. Parallel twy 35´ wide and has medium ints twy lgts. Noise abatement proc in effect ctc arpt mgr for noise rules 503–931–4298. Noise abatement sensitive area: 2 miles N of Rwy 17; 1 mile SE of Rwy 35; half mile SW of Rwy 35. Avoid low level over–flights of residential areas surrounding arpt whenever possible.

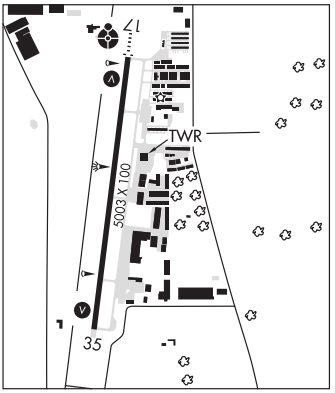
AIRPORT MANAGER: 503-378-4880

WEATHER DATA SOURCES: ASOS (503) 678–3011 LAWRS.

COMMUNICATIONS: CTAF 120.35
Ⓡ **PORTLAND APP/DEP CON** 126.0 269.175 (LOW) 118.1 284.6 (HIGH)
AURORA TOWER 120.35 (1500–0400Z‡) **GND CON** 119.15
CLNC DEL 119.15 119.95 (when UAO twr clsd)

AIRSPACE: CLASS D svc 1500–0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 105º 10.9 NM to fld. 1443/21E.
LOC/DME 111.15 I–UAO Chan 48(Y) Rwy 17. Class IA. DME unusable beyond 15.2 NM blo 2,500´.



BAKER CITY MUNI (BKE)(KBKE) 3 N UTC–8(–7DT) N44º50.24´ W117º48.55´ **SEATTLE**
3373 B NOTAM FILE BKE MON Airport **H–1C, L–13B**
IAP

RWY 13–31: H5085X100 (ASPH) S–50, D–65, 2S–82 MIRL
RWY 13: REIL. VASI(V4L)—GA 3.0º TCH 55´. Road.
RWY 31: REIL. PAPI(P2L). Road.

RWY 17–35: H4359X75 (ASPH) S–30
RWY 17: Trees.
RWY 35: Thld dsplcd 397´.

RWY 08–26: H3670X140 (ASPH) S–30
RWY 08: Road.
RWY 26: Brush.

SERVICE: S6 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE REIL Rwy 13 and Rwy 31, PAPI Rwy 31, VASI Rwy 13, MIRL Rwy 13–31—CTAF.

AIRPORT REMARKS: Attended Oct–Apr 1500–0000Z‡, May–Sep 1600–0100Z‡. Birds invof arpt. Cold temperature airport. Altitude correction required at or below –23C.

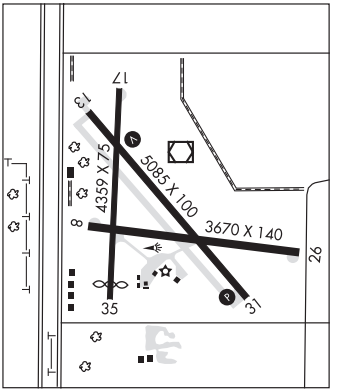
AIRPORT MANAGER: 541-523-5663

WEATHER DATA SOURCES: ASOS 134.275 (541) 523–5412.

COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.4 (MC MINNVILLE RADIO)
SALT LAKE CENTER APP/DEP CON 128.05

AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKE.
(H) VORW/DME 115.3 BKE Chan 100 N44º50.44´ W117º48.47´ at fld. 3365/20E.
VOR/DME unusable:
005º–050º byd 30 NM blo 12,000´
110º–125º byd 15 NM blo 9,000´
110º–125º byd 30 NM blo 11,000´
125º–180º byd 15 NM
180º–200º byd 15 NM blo 12,000´
200º–230º byd 15 NM
230º–265º byd 15 NM blo 12,000´
230º–265º byd 20 NM
265º–290º byd 15 NM blo 12,000´
265º–290º byd 30 NM



BANDON STATE (SØ5) 2 SE UTC–8(–7DT) N43º05.19´ W124º24.47´ **KLAMATH FALLS**
122 B NOTAM FILE MMV **L–1A**

RWY 16–34: H3601X60 (ASPH) S–12 MIRL 0.5% up S
RWY 16: REIL. PAPI(P4L)—GA 4.0º TCH 55´. Trees.
RWY 34: REIL. PAPI(P4L)—GA 4.0º TCH 42´. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 16–34, REIL Rwy 16 and Rwy 34, PAPI Rwy 16 and Rwy 34—CTAF. Rwy 34 VGSI UNUSBL BYD 7 DEGS right of CNTRLN.

AIRPORT REMARKS: Attended 1500–0200Z‡. Deer invof rwy and arpt. Twy marked with blue reflectors.

AIRPORT MANAGER: 503-378-4880

COMMUNICATIONS: CTAF/UNICOM 122.8

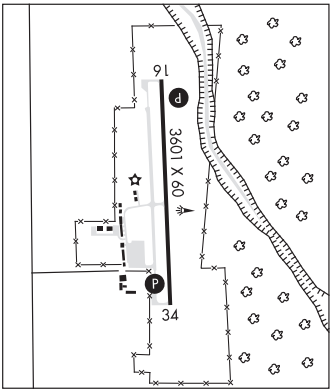
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE OTH.

NORTH BEND (L) VORW/DME 112.1 OTH Chan 58 N43º24.93´ W124º10.11´ 193º 22.4 NM to fld. 707/15E.

VOR unusable:
020º–043º byd 30 NM blo 5,000´

DME unusable:
020º–043º byd 30 NM blo 5,000´
074º–083º byd 30 NM blo 6,000´



BANKS N45º37.82´ W123º02.75´ NOTAM FILE HIO. **SEATTLE**
NDB (MHW) 356 PND 127º 6.6 NM to Portland–Hillsboro. 211/16E. **L–1C**

BEAVER MARSH (2S2) 1 SW UTC–8(–7DT) N43º07.65´ W121º48.52´ **KLAMATH FALLS**
4638 NOTAM FILE MMV

RWY 18–36: 4500X60 (DIRT)
RWY 18: Trees.
RWY 36: Trees.

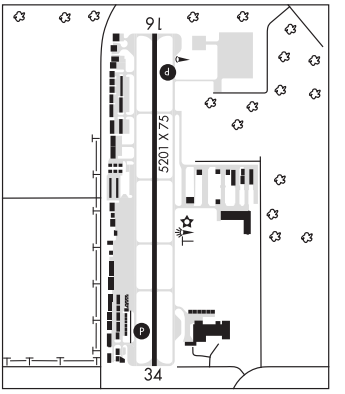
AIRPORT REMARKS: Unattended. Clsd winter months exc to ski equipped acft. Rwy 18–36 25´ rwy width usable in center. Rwy 18–36 dirt sfc loose and powdery, creates clouds of dust, loose 2–5" rocks on sfc, rough. Numerous patches of 1´ brush on rwy. 10–20´ trees within 50´ of east edge of rwy.

AIRPORT MANAGER: (541) 554-6143

COMMUNICATIONS: CTAF 122.9

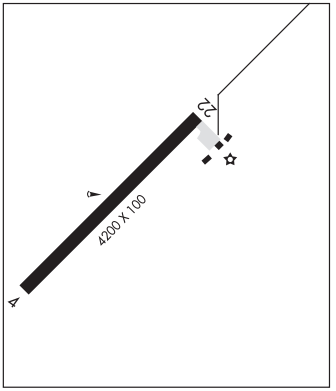
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

BEND MUNI (BDN)(KBDN) 5 NE UTC–8(–7DT) N44º05.67´ W121º12.01´ **KLAMATH FALLS**
3459 B TPA—See Remarks NOTAM FILE MMV **H–1B, L–13A**
RWY 16–34: H5201X75 (ASPH) S–30 MIRL 1.1% up S **IAP**
RWY 16: REIL. PAPI(P4L)—GA 3.0º TCH 38´. Trees. Rgt tfc.
RWY 34: REIL. PAPI(P4L)—GA 3.0º TCH 44´. Tree.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3, 4 **LGT** ACTIVATE REIL Rwy 16 and Rwy 34; PAPI Rwy 16 and Rwy 34; MIRL Rwy 16–34—CTAF.



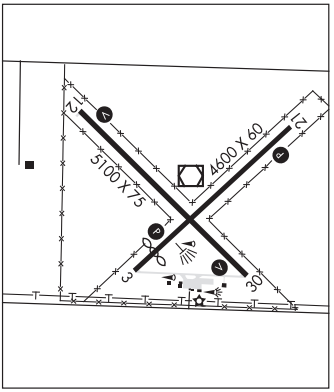
AIRPORT REMARKS: Attended Mon–Fri 1530–0200Z‡, Sat–Sun 1600–0100Z‡. Be aware, intense helicopter training continually in progress. Glider opr on and invof arpt. Extv geese act reported on and near arpt year around, deer and other wildlife may be present. Calm wind rwy is Rwy 16. To avoid property damage exercise judgement and courtesy during run–up invof hangars. Apron areas may be heavily congested at times with svc vehicles, pedestrian and automobile tfc. Taxilanes and apron are NSTD, acft may rqr wing walkers, parking guidance and/or tugging at pilot discretion to insure acft clnc from obstacles. NS ABTMT procedures in effect, call FBO at 541–388–0019. Both twys parallel to Rwy 16–34 marked by reflectors. TPA–rgt pat fixed wing to remain west of rwy using rgt pat Rwy 16 and left pat Rwy 34. Rotor wing to remain east of rwy and use rgt pat 34 and left pat 16. Fixed wing acft–no turns before end of rwy. Segmented circle located at northeast end or arpt.
AIRPORT MANAGER: 541-647-0828
WEATHER DATA SOURCES: AWOS–3 134.425 (541) 382–1477.
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.
DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44º15.17´ W121º18.21´ 137º 10.5 NM to fld. 4103/18E.
VORTAC unusable:
220º–240º byd 30 NM

BOARDMAN (M5Ø) 4 SW UTC–8(–7DT) N45º48.89´ W119º49.23´ **SEATTLE**
396 B NOTAM FILE MMV **L–13A**
RWY 04–22: H4200X100 (ASPH) S–30 MIRL 0.7% up SW
RWY 22: Rgt tfc.
SERVICE: **LGT** ACTIVATE MIRL Rwy 04–22—122.9.
AIRPORT REMARKS: Unattended. Telephone avbl. Twy edge marked with blue reflectors. Rwy 04–22 cntrln in poor cond due to fading.
AIRPORT MANAGER: 541-481-7678
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDT.
PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45º41.91´ W118º56.32´ 267º 37.7 NM to fld. 1575/14E.
TACAN azimuth shutdown, TACAN DME operational



BROOKINGS (BOK)(KBOK) 1 NE UTC–8(–7DT) N42º04.44´ W124º17.39´ **KLAMATH FALLS**
462 B NOTAM FILE BOK
RWY 12–30: H2901X60 (ASPH) S–11 MIRL 0.9% up NW
RWY 12: PAPI(P2L)—GA 4.0º TCH 40´. Trees. Rgt tfc.
RWY 30: PAPI(P2L)—GA 3.0º TCH 45´. Trees.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 12–30 and PAPI Rwy 12 and Rwy 30—CTAF.
AIRPORT REMARKS: Unattended. Deer and elk invof arpt gnds. Arpt rot bcn lgt beam obscured by taller trees northeast–southeast quadrant.
AIRPORT MANAGER: (541) 254-4278
WEATHER DATA SOURCES: AWOS–3PT 132.025 (541) 412–8682.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

BURNS MUNI (BNO)(KBNO) 5 E UTC–8(–7DT) N43º35.52´ W118º57.33´ **KLAMATH FALLS**
4159 B NOTAM FILE BNO MON Airport **H–1C, L–11A**
RWY 12–30: H5100X75 (CONC) S–30, D–50, 2D–90 MIRL **IAP**
RWY 12: REIL. VASI(V2L)—GA 3.0º TCH 45´.
RWY 30: REIL. VASI(V2L)—GA 3.0º TCH 45´. Road.
RWY 03–21: H4600X60 (CONC) S–30 MIRL
RWY 03: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Thld dsplcd 600´. P–line.
RWY 21: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Rwy 21 REIL OTS. ACTIVATE MIRL Rwy 03–21 and Rwy 12–30, PAPI Rwys 03 and 21, VASI Rwys 12 and 30, and REIL Rwys 03, 12, 21 and 30—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1600–0200Z‡. Terminal open 24 hrs. Self serve card lock fuel avbl 24 hrs. Flocks of large birds invof arpt Feb–May and Sep–Oct.
AIRPORT MANAGER: 541-573-6139
WEATHER DATA SOURCES: ASOS 135.575 (541) 573–1382. SAWRS.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (MC MINNVILLE RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 128.05
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E svc 1500–2300Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE BNO.
WILDHORSE (H) VORW/DME 114.55 ILR Chan 92(Y) N43º35.59´ W118º57.30´ at fld. 4146/18E.



CAPE BLANCO STATE (See SIXES on page 170)

CASCADE LOCKS STATE (CZK)(KCZK) 1 NE UTC–8(–7DT) N45º40.62´ W121º52.73´ **SEATTLE**
151 NOTAM FILE CZK
RWY 06–24: H1800X30 (ASPH) S–4
RWY 06: Tree.
RWY 24: Road. Rgt tfc.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Owner advises ctc Oregon Dept. of Aviation 503–378–4880 prior to use. Unlighted powerlines 3NM SW of arpt. Terrain drops off rapidly to the west. Rwy surrounded by trees. Crosswinds can produce extreme low level turbulence and unexpected wind currents.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

CAVE JUNCTION

ILLINOIS VALLEY (3S4) 4 SW UTC–8(–7DT) N42º06.22´ W123º40.95´ **KLAMATH FALLS L–2I**

1394 B NOTAM FILE MMV

RWY 18–36: H4807X60 (ASPH) S–20, D–30 MIRL 0.9% up S

RWY 18: REIL. PAPI(P2L)—GA 4.0º TCH 57´. Thld dsplcd 125´. Road.

RWY 36: REIL. PAPI(P2L)—GA 4.0º TCH 52´. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 18: TORA–4807 TODA–4807 ASDA–4807 LDA–4682

RWY 36: TORA–4682 TODA–4682 ASDA–4807 LDA–4682

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 18 and Rwy 36; MIRL Rwy 18–36—CTAF. MIRL set 1´ off rwy edge.

AIRPORT REMARKS: Unattended. Frequent ultra–light activity. Rwy 36 designated calm wind rwy. Rwy has basic markings with side stripes.

AIRPORT MANAGER: 541-955-4535

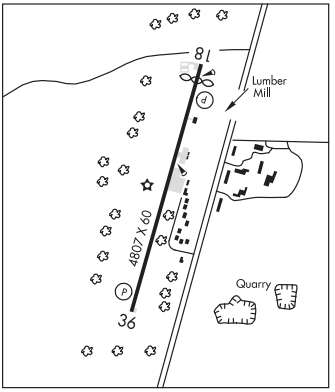
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41º46.77´ W124º14.45´ 038º 31.7 NM to fld. 55/14E.

TACAN AZIMUTH & DME unusable:
195º–235º byd 20 NM



CHEHALEM AIRPARK (See NEWBERG on page 155)

CHILOQUIN STATE (2S7) 1 W UTC–8(–7DT) N42º34.76´ W121º52.74´ **KLAMATH FALLS L–2J**

4221 B NOTAM FILE MMV

RWY 17–35: H3749X60 (ASPH) S–10 MIRL 0.8% up N

RWY 17: Thld dsplcd 420´. Tree.

RWY 35: Tree.

SERVICE: **LGT** ACTIVATE MIRL Rwy 17–35—CTAF.

AIRPORT REMARKS: Unattended. Surface conditions not reported. Irregular winter maintenance, arpt clsd when covered in snow. Downdraft area north of rwy. West side twy marked with reflectors.

AIRPORT MANAGER: 503-378-4880

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

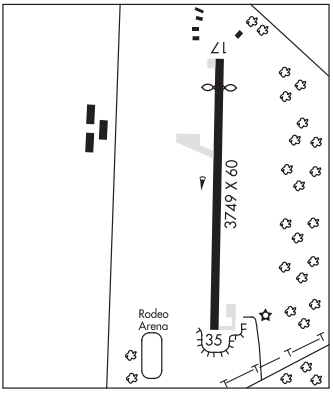
RADIO AIDS TO NAVIGATION: NOTAM FILE LMT.

KLAMATH FALLS (H) VORTACW 115.9 LMT Chan 106 N42º09.19´ W121º43.65´ 328º 26.4 NM to fld. 4090/17E.

VOR unusable:
050º–060º byd 30 NM blo 12,000´
060º–120º byd 25 NM blo 12,000´
170º–195º byd 20 NM
210º–245º byd 25 NM blo 12,000´
270º–280º byd 20 NM
320º–050º byd 23 NM blo 12,000´
320º–050º byd 30 NM

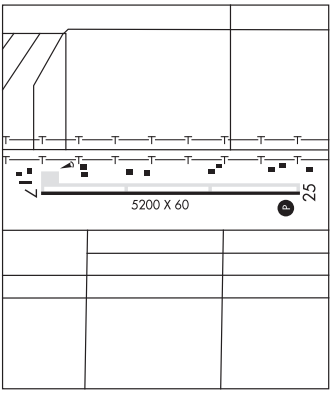
TACAN AZIMUTH unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM

DME unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM



CHRISTMAS VALLEY (62S) 1 SE UTC–8(–7DT) N43°14.18´ W120°39.88´ **KLAMATH FALLS**
4320 B NOTAM FILE MMV **H–1B, L–11A**

RWY 07–25: H5200X60 (ASPH) S–12 MIRL
RWY 25: PAPI(P2L)—GA 3.0° TCH 39´.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25 and PAPI Rwy 25—CTAF.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 541-576-2216
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.
LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57´ W120°30.43´ 332° 45.1 NM to fld. 7465/19E.
COMM/NAV/WEATHER REMARKS: UNICOM monitored irregularly.



CLEARWATER

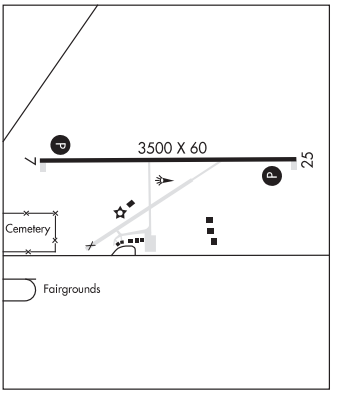
TOKETEE STATE (3S6) 2 S UTC–8(–7DT) N43°13.41´ W122°25.27´ **KLAMATH FALLS**
3361 NOTAM FILE MMV
RWY 11–29: 5350X60 (TURF) 2.4% up SE
RWY 11: Trees.
RWY 29: Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED from 1 Nov–1 May. Elk, deer and turkey on and invof arpt. Arpt on West side of Cascades and affected by wx West. Best info on arpt thru US Forest svc Roseburg, or lcl FBO at Roseburg. Rwy 11–29 graded, 60´ wide, shoulders rough and rutted. Rwy 11–29 has +120´ trees 250´ either side of centerline. Rwy 11–29 thlds outlined with white tires. Trees 4´–30´ along south side of rwy within 50´ of centerline.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

COLUMBIA GORGE RGNL/THE DALLES MUNI (See THE DALLES on page 171)

COLUMBIA N45°35.32´ W122°36.68´ NOTAM FILE PDX. **SEATTLE**
(H) TACAN 109.2 CBU Chan 29 at Portland Intl. 22/20E. **H–1B, L–1C**
TACAN unusable:
020°–030° byd 30 NM blo 9,500´
030°–050° byd 20 NM blo 9,500´
120°–130° byd 15 NM blo 8,500´
155°–250° byd 15 NM blo 10,500´
250°–270° byd 20 NM blo 8,500´

CONDON STATE PAULING FLD (3S9) 1 NE UTC–8(–7DT) N45°14.79´ W120°09.99´ **SEATTLE**
2911 B NOTAM FILE MMV **L–13A**

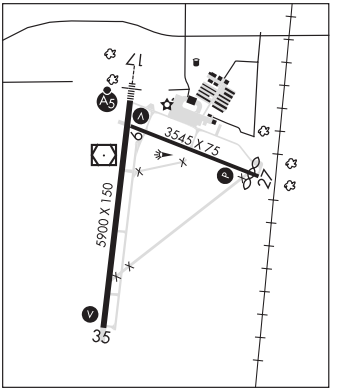
RWY 07–25: H3500X60 (CONC) S–12 MIRL
RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 40´. Road.
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40´.
SERVICE: **LGT** ACTIVATE REIL Rwy 07 and Rwy 25; MIRL Rwy 07–25, PAPI Rwy 07 and Rwy 25—CTAF.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Heavy AG ops Feb–Jun.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.
KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.82´ W121°06.05´ 104° 48.4 NM to fld. 3220/21E.



CORNELIUS

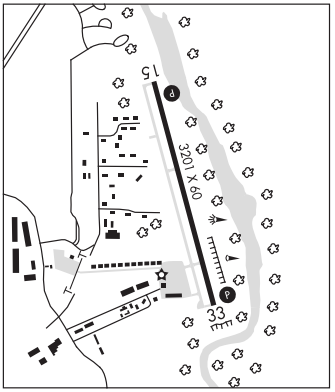
SKYPORT (4S4) 3 N UTC–8(–7DT) N45°34.96´ W123°03.17´ **SEATTLE**
174 NOTAM FILE MMV
RWY 16–34: 2000X45 (TURF)
RWY 16: Trees. Rgt tfc.
RWY 34: Thld dsplcd 200´. Road.
AIRPORT REMARKS: Attended 1400–0400Z‡. Helicopter and ultralight ops prohibited. Rwy 16–34 rwy ends marked with half barrels. Rwy 34 dsplcd thld marked with L–shaped boards.
AIRPORT MANAGER: 503-648-9311
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

CORVALLIS MUNI (CVO)(KCVO) 4 SW UTC–8(–7DT) N44°29.83´ W123°17.37´ **KLAMATH FALLS**
250 B TPA—1050(800) NOTAM FILE CVO **H–1B, L–1B**
RWY 17–35: H5900X150 (ASPH) S–35, D–73, 2S–127, 2D–100 **IAP**
MIRL
RWY 17: MALSR. VASI(V4L)—GA 3.0° TCH 45´.
RWY 35: REIL. VASI(V4L)—GA 3.0° TCH 51´.
RWY 09–27: H3545X75 (ASPH) S–51, D–65, 2S–127, 2D–100 MIRL
RWY 27: PAPI(P4L)—GA 3.0° TCH 25´. Thld dsplcd 199´. Railroad.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–3545 TODA–3545 ASDA–3545 LDA–3545
RWY 17: TORA–5900 TODA–5900 ASDA–5900 LDA–5900
RWY 27: TORA–3545 TODA–3545 ASDA–3545 LDA–2939
RWY 35: TORA–5900 TODA–5900 ASDA–5900 LDA–5900
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3 **LGT** ACTVT MALSR RWY 17, REIL RWY 35; VASI RWY 17 & 35; PAPI RWY 27; MIRL RWY 17–35 and RWY 09–27—CTAF.
AIRPORT REMARKS: Attended 1600Z‡–dusk. Migratory waterfowl and other birds on and invof arpt. RWY 09–27 has white side stripes. Surf cond not reported daily 0100–1600Z‡ and all times Saturdays and Sundays.
AIRPORT MANAGER: (541) 766-6783
WEATHER DATA SOURCES: AWOS–3PT 135.775 (541) 754–0081.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ **CASCADE APP/DEP CON** 127.5 (1400–0730Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 125.8 (0730–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE CVO.
(H) VORW/DME 115.4 CVO Chan 101 N44°29.97´ W123°17.62´ at fld. 242/18E.
LEWISBURG NDB (MHW) 225 LWG N44°36.82´ W123°16.24´ 172° 7.0 NM to fld. 330/15E.
ILS 111.9 I–CVO Rwy 17. Class IT.



COTTAGE GROVE STATE (61S) 1 E UTC–8(–7DT) N43°48.24´ W123°01.93´ **KLAMATH FALLS**
645 B NOTAM FILE MMV **L–1A**

RWY 15–33: H3201X60 (ASPH) S–15 MIRL 0.4% up SE
RWY 15: PAPI(P4L)—GA 3.0° TCH 45´. Trees.
RWY 33: PAPI(P4R)—GA 4.2° TCH 45´. Trees. Rgt tfc.



SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 15–33 PAPI Rwy 15 and Rwy 33—CTAF.
AIRPORT REMARKS: Attended Mon–Sat 1800–0300Z‡. If no attendant on duty, phone number is posted on pump. Fuel avbl 24 hr self serve cardlock. High concentration of birds on and invof arpt. Deer on and invof arpt all hrs. Twys 25´ wide, marked with blue reflectors.
AIRPORT MANAGER: 503-378-2523
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EUG.
EUGENE (H) VORTACW 112.9 EUG Chan 76 N44°07.25´ W123°13.37´ 141° 20.7 NM to fld. 364/15E.
TACAN AZIMUTH unusable:
035°–055° byd 25 NM blo 9,400´
055°–075° byd 25 NM blo 9,000´
225°–230° byd 35 NM blo 5,500´
255°–295° byd 35 NM blo 7,500´
COMM/NAV/WEATHER REMARKS: Unicom monitored Mon–Fri 1500–0200Z‡.

COUNTRY SQUIRE AIRPARK (See SANDY on page 168)

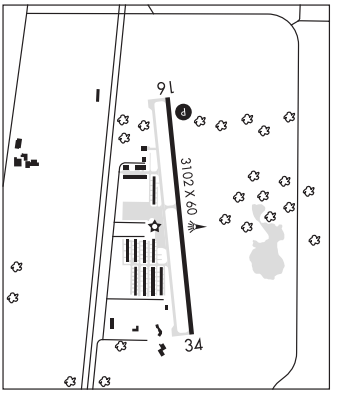
CRATER LAKE–KLAMATH RGNL (See KLAMATH FALLS on page 148)

CRESCENT LAKE STATE (5S2) 2 NE UTC–8(–7DT) N43°31.96´ W121°57.00´ **KLAMATH FALLS**
4810 NOTAM FILE MMV **L–1A**

RWY 13–31: H3900X30 (ASPH)
RWY 13: Trees.
RWY 31: Thld dsplcd 275´. Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1–May 1 due to snow. Owner advises ctc with State Department of Aviation 503–378–4880. Grvl occasionally on rwy due to runoff.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.
DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17´ W121°18.21´ 195° 51.5 NM to fld. 4103/18E.
VORTAC unusable:
220°–240° byd 30 NM

CRESWELL

HOBBY FLD (77S) 1 NE UTC–8(–7DT) N43°55.85´ W123°00.40´ **KLAMATH FALLS**
541 B TPA—1406(865) NOTAM FILE MMV **L–1A**
RWY 16–34: H3102X60 (ASPH) S–12 MIRL **IAP**
RWY 16: PAPI(P2L)—GA 3.0°.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16–34 and PAPI Rwy 16—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1700–0200Z‡, Sat–Sun 1900–0000Z‡. Self serve fuel avbl 24 hrs. Birds on and invof arpt. Be aware mowing adj Rwy 16–34 wkdays. Parachute Jumping. Parachute jump area lctd east side of arpt. Be aware of skydivers crossing rwy. Ctc number for info and updates about skydiving ops, 541–895–3029. PAEW adj to Rwy 16–34 wkends 1600–0000Z‡. Rwy 34 calm wind rwy.
AIRPORT MANAGER: 541-895-2913
WEATHER DATA SOURCES: AWOS–3 119.275 (541) 895–2349.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **CASCADE APP/DEP CON** 119.6 (1400–0730Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 125.8 (0730–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EUG.
EUGENE (H) VORTACW 112.9 EUG Chan 76 N44°07.25´ W123°13.37´ 126° 14.8 NM to fld. 364/15E.
TACAN AZIMUTH unusable:
035°–055° byd 25 NM blo 9,400´
055°–075° byd 25 NM blo 9,000´
225°–230° byd 35 NM blo 5,500´
255°–295° byd 35 NM blo 7,500´

CULVER

LAKE BILLY CHINOOK STATE (5S5) 6 W UTC–8(–7DT) N44°31.16´ W121°19.24´ **SEATTLE**
2695 NOTAM FILE MMV
RWY 16–34: H2500X32 (ASPH)
RWY 16: Thld dsplcd 660´. Trees.
RWY 34: Trees.
AIRPORT REMARKS: Unattended. Animals on and in vicinity of arpt. Grass area south of rwy not for acft ops. Rwy 16–34 has restricted rwy sight distance. Rwy 16 NSTD dsplcd thld markings. Rwy 16–34 NSTD rwy markings no numbers or centerline. Loose grvl on sfc at various locations along full len of rwy.
AIRPORT MANAGER: (541) 815-3707
COMMUNICATIONS: CTAF/UNICOM 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

DAVIS (See GATES on page 143)

DESCHUTES N44°15.17´ W121°18.21´ NOTAM FILE RDM. **KLAMATH FALLS**
(H) VORTACW 117.6 DSD Chan 123 071° 6.6 NM to Roberts Fld. 4103/18E. **H–1B, L–13A**
VORTAC unusable:
220°–240° byd 30 NM

DUG BAR (See IMNAHA on page 146)

EASTERN OREGON RGNL AT PENDLETON (See PENDLETON on page 159)

EMIRE N43º23.67´ W124º18.62´ NOTAM FILE OTH. **KLAMATH FALLS**
NDB (HW) 378 OT 049º 3.1 NM to Southwest Oregon Rgnl. 33/15E. **L–1A**

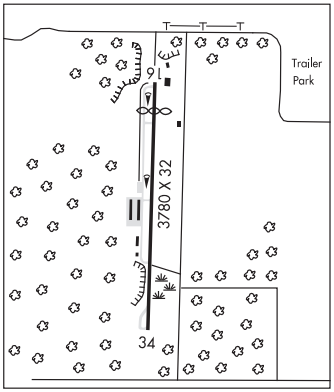
ENTERPRISE

ENTERPRISE MUNI (8S4) 0 E UTC–8(–7DT) N45º25.49´ W117º15.89´ **SEATTLE**
3957 B NOTAM FILE MMV
RWY 12–30: H2850X50 (ASPH) S–7 LIRL 1.5% up SE
SERVICE: S2 **FUEL** 100LL **LGT** SS–SR.
AIRPORT REMARKS: Attended on call. For attendant call 541–426–3562. For fuel call 541–426–3288. No line of sight from rwy ends. Announce intentions arriving/departure on 122.8. 65´ lgtd cell twr located 200´ SW of Rwy 12. Be alert, soft edges and steep shoulders along rwy and twy. Parallel twy 20´ wide, loose grvl on surface. Unlgtd helipad 150´ SE of rotating bcn adjacent to twy.
AIRPORT MANAGER: 541-426-3288
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (MC MINNVILLE RADIO)

PEAVINE (O62) 20 NE UTC–8(–7DT) N45º43.45´ W117º04.64´ **SEATTLE**
4007 NOTAM FILE MMV Not insp.
RWY 04–22: 1850X30 (TURF)
AIRPORT REMARKS: Sngl eng acft with a wingspan of less than 45 ft.
AIRPORT MANAGER: 541 975 5418
COMMUNICATIONS: CTAF 122.9

ESTACADA

VALLEY VIEW (5S9) 1 NE UTC–8(–7DT) N45º18.49´ W122º19.12´ **SEATTLE**
735 TPA—1685(950) NOTAM FILE MMV **L–1B**
RWY 16–34: H3780X32 (ASPH)
RWY 16: Thld dsplcd 490´. Trees.
RWY 34: Trees.
AIRPORT REMARKS: Attended irregularly. LIRL Rwy 16–34 lgts for private use only. Rwy 16 lgtd thld relocated 250´ for ngt ops. 15´–45´ trees at 40´ east of rwy full length.
AIRPORT MANAGER: 312-953-9055
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 074º 28.0 NM to fld. 1443/21E.



EUGENE

MAHLON SWEET FLD (EUG)(KEUG) 7 NW UTC–8(–7DT) N44º07.48´ W123º12.72´ **KLAMATH FALLS H–1B, L–1B IAP, AD**

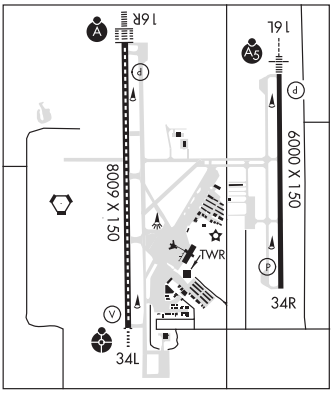
374 B TPA—1174(800) Class I, ARFF Index B NOTAM FILE EUG

RWY 16R–34L: H8009X150 (ASPH–GRVD) S–120, D–250, 2D–550
PCN 90 F/C/X/T HIRL CL
RWY 16R: ALSF2. TDZL. PAPI(P4L)—GA 3.0º TCH 50´. RVR–TMR
RWY 34L: ODALS. VASI(V4L)—GA 3.0º TCH 53´. RVR–TMR

RWY 16L–34R: H6000X150 (ASPH–GRVD) S–120, D–211, 2D–342
PCN 60 F/C/X/T HIRL
RWY 16L: MALSR. PAPI(P4L)—GA 3.0º TCH 52´.
RWY 34R: REIL. PAPI(P4L)—GA 3.0º TCH 50´.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16L: TORA–6000	TODA–6000	ASDA–6000	LDA–6000
RWY 16R: TORA–8009	TODA–8009	ASDA–8009	LDA–8009
RWY 34L: TORA–8009	TODA–8009	ASDA–8009	LDA–8009
RWY 34R: TORA–6000	TODA–6000	ASDA–6000	LDA–6000



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** PAPI Rwy 16R and Rwy 16L and 34R and VASI Rwy 34L opr 24 hrs. When twr clsd HIRL Rwy 16L–34R and Rwy 16R–34L preset medium ints. When twr clsd ACTIVATE ALSF2 Rwy 16R, ODALS Rwy 34L MALSR Rwy 16L and REIL Rwy 34R—CTAF.

AIRPORT REMARKS: Attended continuously. Migratory waterfowl and other birds on and invof arpt. PPR for unscheduled air carrier ops with more than 30 pax seats call 541–682–5430. ARFF svcs unavbl 0000–0500 lcl exc PPR 541–682–5430. No access to Rwy 34L byd Twy A7. Helicopters ldg and dep avoid overflying the airline pax terminal and ramp lctd East of Rwy 16R–34L. Helipad west of Rwy 16R rstd, PPR phone 541–682–5430. Twys H and K unavbl to acft 21,000 lbs single weight and 40,000 lbs dual gross weight. Terminal apron clsd to acft exc scheduled air carriers and flights with prior permission.

AIRPORT MANAGER: 541-682-5430

WEATHER DATA SOURCES: ASOS (541) 461–3114

COMMUNICATIONS: CTAF 118.9 **ATIS** 125.225 541–607–4699 **UNICOM** 122.95
EUGENE RCO 122.3 (MC MINNVILLE RADIO)
Ⓡ **CASCADE APP/DEP CON** 119.6 (340º–159º) 120.25 (160º–339º) (1400–0730Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 125.8 (0730–1400Z‡)
EUGENE TOWER 118.9 (Rwy 16R– 34L) 124.15 (Rwy 16L–34R) (1400–0730Z‡) **GND CON** 121.7 **CLNC DEL** 121.7

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

AIRSPACE: CLASS D svc 1400–0730Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE EUG.
EUGENE (H) VORTACW 112.9 EUG Chan 76 N44º07.25´ W123º13.37´ at fld. 364/15E.
TACAN AZIMUTH unusable:
035º–055º byd 25 NM blo 9,400´
055º–075º byd 25 NM blo 9,000´
225º–230º byd 35 NM blo 5,500´
255º–295º byd 35 NM blo 7,500´
ILS/DME 111.75 I–ADE Chan 54(Y) Rwy 16L. Class IE.
ILS/DME 110.1 I–EUG Chan 38 Rwy 16R. Class IIIE. Unmonitored when ATCT clsd.

EUGENE N44º07.25´ W123º13.37´ NOTAM FILE EUG. **KLAMATH FALLS H–1B, L–1B**

(H) VORTACW 112.9 EUG Chan 76 at Mahlon Sweet Fld. 364/15E.
TACAN AZIMUTH unusable:
035º–055º byd 25 NM blo 9,400´
055º–075º byd 25 NM blo 9,000´
225º–230º byd 35 NM blo 5,500´
255º–295º byd 35 NM blo 7,500´
RCO 122.3 (MC MINNVILLE RADIO)

FLORENCE

FLORENCE MUNI (6S2) 1 N UTC–8(–7DT) N43º58.97´ W124º06.68´ **KLAMATH FALLS**
51 B NOTAM FILE MMV **L–1A**

RWY 15–33: H3000X60 (ASPH) S–12.5 MIRL 0.4% up NW
RWY 15: REIL. PAPI(P2L)—GA 4.0º TCH 45´. Rgt tfc.
RWY 33: REIL. PAPI(P2L)—GA 4.0º TCH 45´. Trees.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 15 and Rwy 33, PAPI Rwy 15 and Rwy 33, MIRL Rwy 15–33—CTAF. Rwy 33 PAPI unusbl byd 5 degs left of cntrln.

AIRPORT REMARKS: Attended 1630–0030Z‡. Birds, deer and wildlife on and invof arpt.

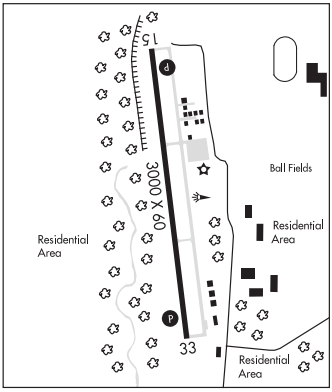
AIRPORT MANAGER: 541-997-4016

WEATHER DATA SOURCES: AWOS–3 118.225 (541) 997–8664.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE OTH.
NORTH BEND (L) VORW/DME 112.1 OTH Chan 58 N43º24.93´ W124º10.11´ 349º 34.1 NM to fld. 707/15E.
VOR unusable:
020º–043º byd 30 NM blo 5,000´
DME unusable:
020º–043º byd 30 NM blo 5,000´
074º–083º byd 30 NM blo 6,000´



LAKE WOAHINK SPB (1OØ) 4 S UTC–8(–7DT) N43º54.25´ W124º06.88´ **KLAMATH FALLS**
39 NOTAM FILE MMV

WATERWAY N–S: 9000X1000 (WATER)
WATERWAY N: Trees.
WATERWAY S: Trees. Rgt tfc.

WATERWAY NW–SE: 3200X1000 (WATER)
WATERWAY NW: Trees.
WATERWAY SE: Trees. Rgt tfc.

SEAPLANE REMARKS: Unattended. NS ABTMT procedures in effect avoid over flt of homes. Sealanes not marked.

AIRPORT MANAGER: 541 991 7589

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

COMM/NAV/WEATHER REMARKS: Monitor Florence Muni CTAF/UNICOM 122.8 for conflicting acft.

GATES

DAVIS (6S4) 1 S UTC–8(–7DT) N44º44.75´ W122º25.28´ **SEATTLE**
1028 NOTAM FILE MMV

RWY 07–25: 1940X50 (TURF)
RWY 07: Trees.
RWY 25: Road.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: (503) 602-5520

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

GEORGE FELT (See ROSEBURG on page 166)

GLENEDEN BEACH

SILETZ BAY STATE (S45) 1 SE UTC–8(–7DT) N44º52.61´ W124º01.71´ **SEATTLE**
69 B NOTAM FILE MMV **L–1B**

RWY 17–35: H3297X60 (ASPH) S–11 MIRL 0.3% up S
RWY 17: Trees. Rgt tfc.
RWY 35: Trees.

SERVICE: **LGT** MIRL Rwy 17–35 preset low ints, ACTIVATE higher ints—CTAF.

AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Rwy 35 has 4"–6" dip 800´ from south end.

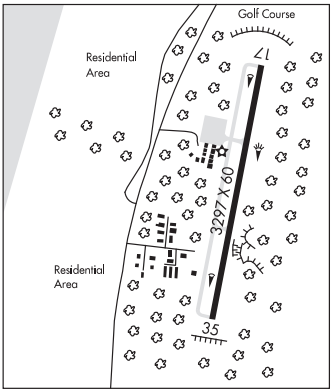
AIRPORT MANAGER: 503-378-4880

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE ONP.

NEWPORT (H) VORTACW 117.1 ONP Chan 118 N44º34.52´ W124º03.64´ 349º 18.1 NM to fld. 147/15E.
VORTAC unusable:
011º–051º byd 35 NM blo 6,000´
061º–116º byd 35 NM blo 7,000´
116º–136º byd 35 NM blo 8,000´
136º–166º byd 35 NM blo 5,000´
346º–011º byd 35 NM blo 5,000´



GOLD BEACH MUNI (4S1) 0 W UTC–8(–7DT) N42º24.92´ W124º25.50´ **KLAMATH FALLS**
21 B NOTAM FILE MMV **L–2J**

RWY 16–34: H3200X75 (ASPH) S–12.5 MIRL
RWY 16: REIL. PAPI(P2R)—GA 4.0º TCH 48´. Thld dsplcd 90´. Road. Rgt tfc.
RWY 34: REIL. Road.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 16 and Rwy 34, PAPI Rwy 16; MIRL Rwy 16–34—CTAF. Rwy 16 PAPI unusbl byd 1° left of cntrln.

AIRPORT REMARKS: Attended 1600–0100Z‡. Be alert: birds on and invof arpt.

AIRPORT MANAGER: (541) 373-7840

WEATHER DATA SOURCES: AWOS–3 118.15 (541) 247–2518.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

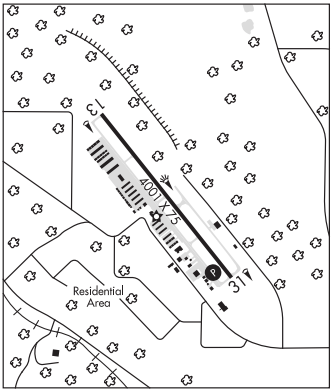
RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41º46.77´ W124º14.45´ 334º 39.0 NM to fld. 55/14E.
TACAN AZIMUTH & DME unusable:
195º–235º byd 20 NM

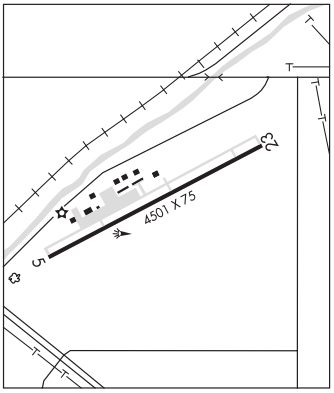
COMM/NAV/WEATHER REMARKS: UNICOM unmonitored.

GRANT CO RGNL/OGILVIE FLD (See JOHN DAY on page 147)

GRANTS PASS (3S8) 5 NW UTC–8(–7DT) N42º30.61´ W123º23.28´ **KLAMATH FALLS**
1130 B NOTAM FILE MMV **L–2J**
RWY 13–31: H4001X75 (ASPH) S–19 MIRL 0.8% up SE **IAP**
RWY 13: REIL. Tree.
RWY 31: REIL. PAPI(P4L)—GA 4.0º TCH 42´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 13 and Rwy 31; MIRL Rwy 13–31; PAPI Rwy 31—CTAF. Rwy 31 VGSI unusbl byd 8 deg left and 5 deg rgt of cntrln.
AIRPORT REMARKS: Attended 1600–0100Z‡. 24 hr credit card fuel avbl. PAPI Rwy 31 not to be used for turbojet operations. Rwy 31 designated calm wind rwy. Rwy 13–31 has basic markings, plus aiming point markings.
AIRPORT MANAGER: 541-955-4535
WEATHER DATA SOURCES: AWOS–3PT 120.0 (541) 955–3392.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CASCADE APP/DEP CON** 124.3 (0730–1400Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 127.55 (1400–0730Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.
ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42º28.77´ W122º54.78´ 256º 21.2 NM to fld. 2083/19E.
TACAN AZIMUTH unusable:
245º–350º byd 30 NM blo 10,000´
VOR unusable:
260º–270º byd 35 NM blo 9,000´
290º–300º byd 35 NM blo 8,500´



HERMISTON MUNI (HRI)(KHRI) 2 SE UTC–8(–7DT) N45º49.69´ W119º15.55´ **SEATTLE**
644 B TPA—1444(800) NOTAM FILE HRI **L–13A**
RWY 05–23: H4501X75 (ASPH) S–22 MIRL **IAP**
RWY 23: REIL.
SERVICE: **FUEL** 100LL, JET A+ **LGT** ACTIVATE REIL Rwy 23, MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended Oct–Mar 1600–0100Z‡, Apr–Sep 1600–0200Z‡. Parachute Jumping.
AIRPORT MANAGER: 541-567-3694
WEATHER DATA SOURCES: ASOS 135.225 (541) 567–8580.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **CHINOOK APP/DEP CON** 133.15 (1400–0600Z‡)
SEATTLE CENTER APP/DEP CON 132.6 (0600–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDT.
PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45º41.91´ W118º56.32´ 286º 15.6 NM to fld. 1575/14E.
TACAN azimuth shutdown, TACAN DME operational



HILLSBORO

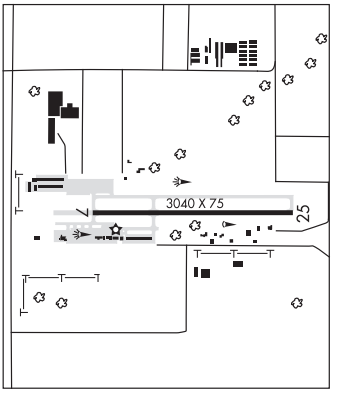
STARK'S TWIN OAKS AIRPARK (7S3) 4 S UTC–8(–7DT) N45º25.71´ W122º56.53´ **SEATTLE**
170 TPA—1200(1030) NOTAM FILE MMV
RWY 02–20: H2465X48 (ASPH) LIRL 1.6% up W
RWY 02: Thld dsplcd 100´. Tree.
RWY 20: Trees.
SERVICE: S3 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 02–20—CTAF. After 0800Z‡ PPR call arpt manager 503–628–2817.
AIRPORT REMARKS: Attended dawn–dusk. Rwy ends not visible from each other. Rwy 02–20 light fixtures 30´ from rwy edges.
AIRPORT MANAGER: 503-628-2817
COMMUNICATIONS: CTAF/UNICOM 123.05
PORTLAND CLNC DEL 119.95
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

HOBBY FLD (See CRESWELL on page 140)

HOOD RIVER

KEN JERNSTEDT AIRFIELD (4S2) 2 S UTC–8(–7DT) N45°40.37´ W121°32.03´ **SEATTLE**
638 B TPA—1507(869) NOTAM FILE MMV **L–1C, 13A**

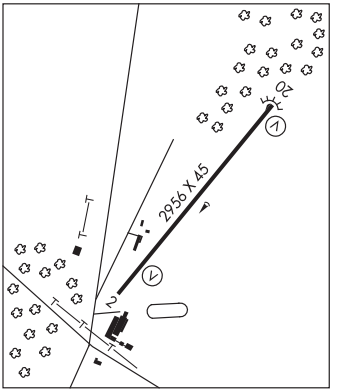
RWY 07–25: H3040X75 (ASPH) S–23 MIRL 1.1% up W
RWY 07: Tree.
RWY 25: REIL. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 07–25; REIL Rwy 25—CTAF.
AIRPORT REMARKS: Attended Nov–Apr 1600–0100Z‡, May–Oct 1600–0200Z‡. Frequent vehicular tfc AER 07. Rwy 07–25 gliders and ultralights use rgt tfc. Alt grass ldg area avbl in median, not to be used simultaneously with paved rwy. Blue exit lgts at 3 turnoffs. Hood River ARPT is a noise SENS area. PLS FLW the fly friendly signs at RWY ends and avoid low FLT.
AIRPORT MANAGER: 541-386-1645
WEATHER DATA SOURCES: AWOS–3 134.375 (541) 386–2386.
COMMUNICATIONS: CTAF/UNICOM 122.8
HOOD RIVER RCO 122.3 (MC MINNVILLE RADIO)
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.
KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.82´ W121°06.05´ 241° 18.4 NM to fld. 3220/21E.



HUBBARD

LENHARDT AIRPARK (7S9) 3 E UTC–8(–7DT) N45°10.82´ W122°44.61´ **SEATTLE**
165 NOTAM FILE MMV

RWY 02–20: H2956X45 (ASPH) LIRL
RWY 02: VASI(NSTD)—GA 7.0°. Road.
RWY 20: VASI(NSTD)—GA 4.0°. Trees.
SERVICE: S4 **FUEL** 100LL
AIRPORT REMARKS: Attended Tues–Sat 1700–0100Z‡. Rwy 02 designated calm wind rwy. Rwy 02 +6´ fence 50–70´ rgt of thld flanking full length of rwy. Rwy 02 has p–line at 730´. Rwy 20 80´ trees at 585´. Rwy 20 has no end safety area. Rwy 20 has a 6´ fence at 52´ left of centerline flanking full length of rwy. Rwy 02 NSTD VASI one flashing/steady lgt on rgt side of rwy. Rwy 20 NSTD VASI one flashing/steady lgt on left side of rwy. Parallel twy west of rwy grass.
AIRPORT MANAGER: 503-651-2187
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.



ILLINOIS VALLEY (See CAVE JUNCTION on page 136)

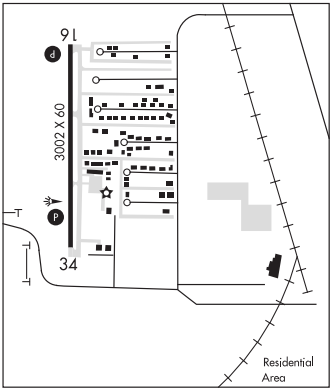
IMNAHA

DUG BAR (OR8) 16 NE UTC–8(–7DT) N45°48.35´ W116°41.32´ **GREAT FALLS**
1022 NOTAM FILE MMV Not insp.
RWY 15–33: 1606X25 (TURF)
AIRPORT MANAGER: 541-975-5418
COMMUNICATIONS: CTAF 122.9

LORD FLAT (OR9) 11 NE UTC–8(–7DT) N45°39.99´ W116°37.10´ **GREAT FALLS**
5594 NOTAM FILE MMV Not insp.
RWY 01–19: 1728X15 (TURF)
AIRPORT MANAGER: 541-975-5418
COMMUNICATIONS: CTAF 122.9

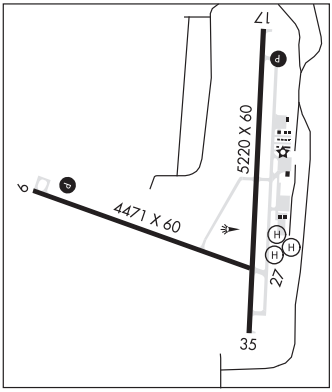
MEMALOOSE (25U) 10 SE UTC–8(–7DT) N45º25.67´ W116º41.63´ **GREAT FALLS**
6708 NOTAM FILE MMV
RWY 17–35: 3300X120 (DIRT)
RWY 17: Trees. Rgt tfc.
RWY 35: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. CLOSED winters. Livestock and wildlife on and invof arpt. No line of sight between rwy ends. Early Spring, damp soft spot on North end of rwy; land long to South. Rwy 35 expect downdrafts on short final due to sheer drop in terrain. Rwy 17–35 outlined with rocks painted white. Rwy 17–35 loose 3"–6" rocks on rwy. Rwy fair defined for gravel turf rwy. South 1000´ rough and overgrown with weeds. Rwy 35 thld marked by white rocks across rwy end.
AIRPORT MANAGER: (541) 963-7186
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

INDEPENDENCE STATE (7S5) 1 NW UTC–8(–7DT) N44º52.03´ W123º11.89´ **SEATTLE**
180 B NOTAM FILE MMV **L–1B**
RWY 16–34: H3002X60 (ASPH) S–12.5 MIRL
RWY 16: PAPI(P4R)—GA 3.0º TCH 40´.
RWY 34: PAPI(P4L)—GA 3.0º TCH 40´. Road.
SERVICE: FUEL 100LL **LGT** ACTVT PAPI Rwy 16 and Rwy 34; MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Attended dalgt hrs. Ultralight acft on and invof arpt. Migratory flocks of waterfowl on and invof arpt. Glider and ultralights use rgt tfc for Rwy 16–34. Calm wind use Rwy 34. Rwy 16 and Rwy 34 markings faded.
AIRPORT MANAGER: (503) 378-4880
COMMUNICATIONS: CTAF/UNICOM 122.975
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 177º 30.6 NM to fld. 1443/21E.

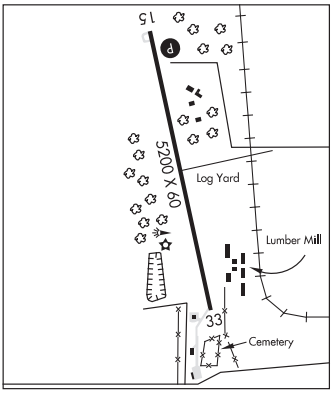


JOHN DAY

GRANT CO RGNL/OGILVIE FLD (GCD)(KGCD) 1 SW UTC–8(–7DT) N44º24.17´ W118º58.07´ **KLAMATH FALLS**
3703 B NOTAM FILE GCD **H–1C, L–13A**
RWY 17–35: H5220X60 (ASPH) S–12.5 MIRL 0.5% up S **IAP**
RWY 17: REIL. PAPI(P4L)—GA 4.0º TCH 52´.
RWY 09–27: H4471X60 (ASPH) S–12.5 MIRL 1.1% up E
RWY 09: REIL. PAPI(P4L)—GA 3.0º TCH 45´. Fence.
RWY 27: Rgt tfc.
SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MIRL Rwy 09–27; MIRL Rwy 17–35, REIL Rwy 09 and Rwy 17; PAPI Rwy 09 and Rwy 17—CTAF.
AIRPORT REMARKS: Attended Oct–May Mon–Sat 1600–0000Z‡, Attended Jun–Sep 1500–0300Z‡. Self svc fuel avbl after hrs. Extv helicopter activity dur fire season Jul–Oct. Be aware of soft edges along rwys and twys. 8´ game fence around arpt. Rwy 17–35 basic markings, plus aiming point marks. Twy marked with reflectors. Centerline markings fading in to fair to poor condition.
AIRPORT MANAGER: 541-575-1151
WEATHER DATA SOURCES: AWOS–3 118.375 (541) 575–1122.
COMMUNICATIONS: CTAF/UNICOM 122.8
SEATTLE CENTER APP/DEP CON 128.15
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
KIMBERLY (H) VORW/DME 115.6 IMB Chan 103 N44º38.90´ W119º42.70´ 095º 35.2 NM to fld. 5220/20E.



JOSEPH STATE (JSY)(KJSY) 1 W UTC–8(–7DT) N45°21.57´ W117°15.23´ **SEATTLE H–1C, L–13B**
4121 B NOTAM FILE MMV
RWY 15–33: H5200X60 (ASPH) S–12.5 MIRL 1.1% up SE
RWY 15: REIL. PAPI(P2L)—GA 4.0° TCH 43´. Trees.
RWY 33: P–line.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 15, PAPI Rwy 15, MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Dur South tkfs, possible hazardous downdrafts south of arpt under south wind cond. Possible deer on arpt, use caution. P–lines near Rwy 33 AER unmarked. Runway ends not visible from each other.
AIRPORT MANAGER: 503-378-4880
WEATHER DATA SOURCES: AWOS–3P 123.775 (541) 432–0458.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MYL.
DONNELLY (H) VORW/DME 116.2 DNJ Chan 109 N44°46.03´ W116°12.38´ 290° 57.0 NM to fld. 7333/19E.

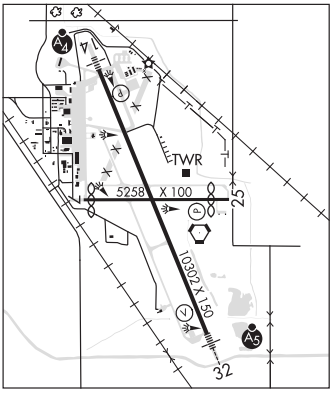


KEN JERNSTEDT AIRFIELD (See HOOD RIVER on page 146)

KIMBERLY N44°38.90´ W119°42.70´ NOTAM FILE MMV. **SEATTLE H–1C, L–13A**
(H) VORW/DME 115.6 IMB Chan 103 095° 35.2 NM to Grant Co Rgnl/Ogilvie Fld. 5220/20E.
RCO 122.6 (MC MINNVILLE RADIO)

KLAMATH FALLS

CRATER LAKE–KLAMATH RGNL (LMT)(KLMT) P (ANG) 4 SE UTC–8(–7DT) N42°09.37´ W121°43.99´ **KLAMATH FALLS H–3B, L–2I IAP, AD**
4095 B Class IV, ARFF Index A NOTAM FILE LMT
RWY 14–32: H10302X150 (ASPH–CONC–GRVD) S–107, D–175, 2S–175, 2D–315 PCN 41 F/A/X/T HIRL
RWY 14: MALSF. PAPI(P4L)—GA 3.0° TCH 50´. RVR–R
RWY 32: MALSR. VASI(V4L)—GA 3.0° TCH 55´. RVR–T
RWY 07–25: H5258X100 (ASPH–GRVD) S–53, D–77 PCN 19 F/B/Y/U MIRL
RWY 07: Thld dsplcd 306´. Railroad.
RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 34´. Thld dsplcd 512´. Fence.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–5258 TODA–5258 ASDA–5258 LDA–4952
RWY 14: TORA–10302 TODA–10302 ASDA–10302 LDA–10302
RWY 25: TORA–5258 TODA–5258 ASDA–5258 LDA–4746
RWY 32: TORA–10302 TODA–10302 ASDA–10302 LDA–10302
ARRESTING GEAR/SYSTEM
RWY 14 TYPE H BAK–12B(B)(1500')
TYPE H BAK–12B(B)(1500') **RWY 32**



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When ATCT clsd ACTVT MALSF Rwy 14, MALSR Rwy 32, HIRL Rwy 14–32, MIRL Rwy 07–25 and twy lgts—CTAF. Rwy and twy lgts also ACTVT on 257.8. REIL Rwy 25; PAPI Rwy 25, PAPI Rwy 14 and VASI Rwy 32 opr consly. Rwy 14 PAPI byd 3.5 NM unusbl. **MILITARY—** **JASU** 1(AM32A–60B) 1(A/M32A–86) 1(MD–3) **FUEL** A++(Mil), A, A+ (1500–0300Z‡, C541–882–4681, $150 fee, 20 min PN) (NC–100LL). **FLUID** SP LPOX LOX **OIL** O–133–148(Mil)
AIRPORT REMARKS: Attended Nov–Apr Mon–Fri 1430–0630Z‡. Attended May–Oct Mon–Fri 1530–0100Z‡. Unattended Sat–Sun. For FBO hrs ctc at 541–882–4681. Flocks of large migratory waterfowl invof Nov–May. TWY D BTN TWY E and TWY F RSTRD MIL OPS only. TWY A west of TWY D RSTRD MIL OPS only. TWY Golf S run up pad CLSD EXC to MIL OPS. COND not MNTD DLY 0630Z‡ to 1430Z‡. CONDS not MNTD SAT and SUN. Twy Delta btn Twy F and AER 07 clsd to mil ops. TWY Foxtrot BTN RWY 14–32 and APCH end RWY 25 CLSD to ACR OPS. Military BASH Phase II–Feb thru May and Sept thru Nov. BASH Phase I–all months not designated as Phase II.
MILITARY REMARKS: ANG: PPR fr ANG base ops rqr for tran mil apches btn 0400–1500Z‡. Offl bus only, PPR DSN 830–6686. Base ops opr 1330–2359Z‡ Mon–Fri exc hol. All hvy acft please taxi to north or south EOR upon ldg. Once in EOR please shutdown all outboard engines befor taxi to military ramp to eliminate any FOD haz. **CSTMS/AG/IMG** Svcs unavbl. KPDX is closest arpt with CSTMS agent C503–326–3249, C503–326–3230.

CONTINUED ON NEXT PAGE

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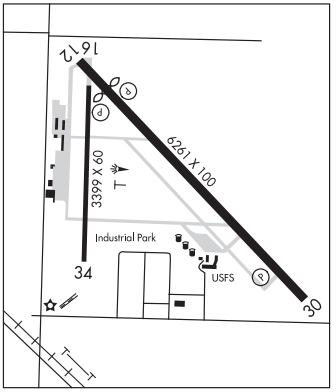
AIRPORT MANAGER: (541) 883-5373
WEATHER DATA SOURCES: ASOS (541) 883–8127
COMMUNICATIONS: CTAF 133.975 **ATIS** 126.5 **UNICOM** 122.95
KLAMATH FALLS RCO 122.6 (MC MINNVILLE RADIO)
Ⓡ**KINGSLEY APP/DEP CON** 123.675 (Mon–Fri 1600–0000Z‡ exc weekends and holidays. other times ctc)
Ⓡ**SEATTLE CENTER APP/DEP CON** 127.6
KINGSLEY TOWER 133.975 (1500–0600Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS D svc 1500–0600Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LMT.
KLAMATH FALLS (H) VORTACW 115.9 LMT Chan 106 N42º09.19´ W121º43.65´ at fld. 4090/17E.
VOR unusable:
050º–060º byd 30 NM blo 12,000´
060º–120º byd 25 NM blo 12,000´
170º–195º byd 20 NM
210º–245º byd 25 NM blo 12,000´
270º–280º byd 20 NM
320º–050º byd 23 NM blo 12,000´
320º–050º byd 30 NM
TACAN AZIMUTH unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM
DME unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM
ILS 109.5 I–LMT Rwy 32. Class IE. LOC unusable byd 25º right of course.

KLAMATH FALLS N42º09.19´ W121º43.65´ NOTAM FILE LMT. **KLAMATH FALLS**
(H) VORTACW 115.9 LMT Chan 106 at Crater Lake–Klamath Rgnl. 4090/17E.
VOR unusable:
050º–060º byd 30 NM blo 12,000´
060º–120º byd 25 NM blo 12,000´
170º–195º byd 20 NM
210º–245º byd 25 NM blo 12,000´
270º–280º byd 20 NM
320º–050º byd 23 NM blo 12,000´
320º–050º byd 30 NM
TACAN AZIMUTH unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM
DME unusable:
105º–125º byd 7 NM blo 12,000´
153º–195º byd 20 NM blo 11,000´
210º–305º byd 25 NM blo 10,500´
320º–105º byd 13 NM blo 13,000´
320º–125º byd 20 NM
RCO 122.6 (MC MINNVILLE RADIO)

KLICKITAT N45º42.82´ W121º06.05´ NOTAM FILE DLS. **SEATTLE**
(H) VORW/DME 112.3 LTJ Chan 70 186º 6.3 NM to Columbia Gorge Rgnl/The Dalles Muni. 3220/21E. **H–1B**
RCO 122.65 (SEATTLE RADIO)

LA GRANDE/UNION CO (LGD)(KLGD) 4 SE UTC–8(–7DT) N45°17.37´ W118°00.37´ **SEATTLE**
2718 B NOTAM FILE LGD **H–1C, L–13A**
RWY 12–30: H6261X100 (ASPH) S–65, D–90, 2S–114, 2D–130 MIRL **IAP**
RWY 12: PAPI(P2L)—GA 3.0° TCH 44´. Thld dsplcd 760´. Road.
RWY 30: REIL. PAPI(P2L)—GA 3.0° TCH 44´.
RWY 16–34: H3399X60 (ASPH) S–45, D–60, 2D–100
RWY 16: PAPI(P4L)—GA 3.0° TCH 33´.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 12: TORA–6260 TODA–6260
RWY 30: TORA–6260 TODA–6260
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended 1600–0100Z‡. CLOSED Thanksgiving, Christmas and New Years. FBO and fueling lctd west of Rwy 16–34. After hrs call out list posted on door. Extv Forest Service opr during summer months. Cold temperature restricted airport. Altitude correction required at or below –16C. Ldg fee for acft over 12,500 lbs.
AIRPORT MANAGER: 541-963-6615
WEATHER DATA SOURCES: AWOS–3PT 135.075 (541) 963–6824.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (MC MINNVILLE RADIO)
Ⓡ**SEATTLE CENTER APP/DEP CON** 132.6
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE BKE.
BAKER CITY (H) VORW/DME 115.3 BKE Chan 100 N44°50.44´ W117°48.47´ 323° 28.2 NM to fld. 3365/20E.
VOR/DME unusable:
005°–050° byd 30 NM blo 12,000´
110°–125° byd 15 NM blo 9,000´
110°–125° byd 30 NM blo 11,000´
125°–180° byd 15 NM
180°–200° byd 15 NM blo 12,000´
200°–230° byd 15 NM
230°–265° byd 15 NM blo 12,000´
230°–265° byd 20 NM
265°–290° byd 15 NM blo 12,000´
265°–290° byd 30 NM
NDB (MHW) 296 LGD N45°20.55´ W117°57.76´ 193° 3.7 NM to fld. 2689/17E. NOTAM FILE LGD.
NDB unusable:
160°–190° byd 15 NM
290°–315° byd 15 NM

LAKE BILLY CHINOOK STATE (See CULVER on page 140)

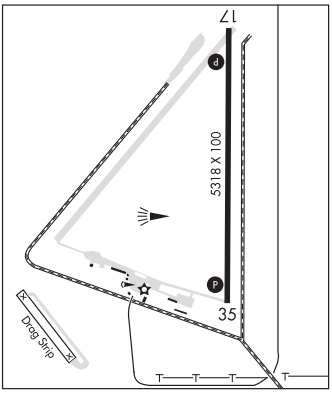
LAKE CO (See LAKEVIEW on page 151)

LAKE WOAHINK SPB (See FLORENCE on page 143)

LAKESIDE MUNI (9S3) 0 NW UTC–8(–7DT) N43°34.99´ W124°10.82´ **KLAMATH FALLS**
20 NOTAM FILE MMV
RWY 15–33: 2150X100 (TURF)
RWY 15: Trees.
RWY 33: Trees.
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Rwy 15–33 rwy ends marked with white mats. To deactivate sprinklers key 122.9.
AIRPORT MANAGER: (209) 327-1578
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

LAKEVIEW

LAKE CO (LKV)(KLKV) 3 SW UTC–8(–7DT) N42º09.67´ W120º23.95´ **KLAMATH FALLS**
4734 B NOTAM FILE LKV **H–3B, L–11A**
RWY 17–35: H5318X100 (ASPH) S–74, D–86 MIRL **IAP**
RWY 17: REIL. PAPI(P4R)—GA 3.0º TCH 45´.
RWY 35: REIL. PAPI(P4L)—GA 3.0º TCH 45´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 17–35; PAPI Rwy 17 and Rwy 35; REIL Rwy 17 and Rwy 35—CTAF. Tetrahedron lighting inop. Rwy 17 thld lgts, Rwy 17–35 edge lgts and Twy B edge reflectors obscured by vegetation.
AIRPORT REMARKS: Attended Apr–Sep 1700–0000Z‡, Oct–Mar 1500–0100Z‡. Flocks of large waterfowl in vcnty Nov–May. Wildlife on and invof arpt. Extv airtanker ops in fire season. Possible glider ops on twy. Drag strip oriented NW–SE lctd 3000´ southwest of Rwy 35. Twy NE–SW used for strong cross wind ldg.
AIRPORT MANAGER: 541-947-4222
WEATHER DATA SOURCES: AWOS–3PT 135.525 (541) 947–5069.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (MC MINNVILLE RADIO)
SEATTLE CENTER APP/DEP CON 127.6
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.
LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42º29.57´ W120º30.43´ 147º 20.5 NM to fld. 7465/19E.

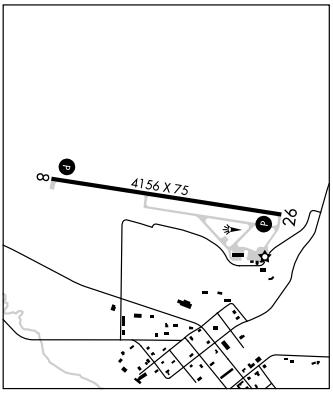


LEBANON STATE (S3Ø) 1 SW UTC–8(–7DT) N44º31.87´ W122º55.78´ **SEATTLE**
349 B NOTAM FILE MMV
RWY 16–34: H2747X60 (ASPH) MIRL
RWY 16: PAPI(P2L)—GA 3.5º TCH 40´. Tree.
RWY 34: PAPI(P2L)—GA 3.0º TCH 44´. Thld dsplcd 260´. Road.
SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** ACTVT PAPI RWY 16 & 34; MIRL RWY 16–34–CTAF.
AIRPORT REMARKS: Attended continuously. Acft departing Rwy 34 make 10º left turn after tkf as soon as safety permits.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cascade Apch at 541-607-4674/4675, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

LENHARDT AIRPARK (See HUBBARD on page 146)

LEWISBURG N44º36.82´ W123º16.24´ NOTAM FILE CVO. **KLAMATH FALLS**
NDB (MHW) 225 LWG 172º 7.0 NM to Corvallis Muni. 330/15E. **L–1B**

LEXINGTON (9S9) 1 N UTC–8(–7DT) N45º27.25´ W119º41.42´ **SEATTLE**
1635 B NOTAM FILE MMV **L–13A**
RWY 08–26: H4156X75 (ASPH) S–12.5 MIRL 1.3% up E **IAP**
RWY 08: PAPI(P2L)—GA 3.0º TCH 43´. Fence.
RWY 26: PAPI(P2L)—GA 3.5º TCH 47´.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26 and PAPI Rwy 08 and Rwy 26—CTAF.
AIRPORT REMARKS: Unattended. Fuel 24 hours credit card svc avbl. Wildlife on and invof arpt. Rwy 08–26 200´ gravel east end.
AIRPORT MANAGER: 541-989-9500
WEATHER DATA SOURCES: AWOS–3 134.475 (541) 989–8557.
COMMUNICATIONS: CTAF 122.9
Ⓡ**SEATTLE CENTER APP/DEP CON** 132.6
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDT.
PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45º41.91´ W118º56.32´ 231º 34.9 NM to fld. 1575/14E.
TACAN azimuth shutdown, TACAN DME operational



LORD FLAT (See IMNAHA on page 146)

MADRAS MUNI (S33) 3 NW UTC–8(–7DT) N44°40.21´ W121°09.31´ **SEATTLE**
2438 B NOTAM FILE MMV **H–1B, L–13A**
RWY 16–34: H5091X75 (ASPH) S–75, D–120, 2D–180 MIRL **IAP**
RWY 34: REIL. VASI(V4L)—GA 3.0° TCH 50´.
RWY 04–22: H2701X50 (ASPH) S–16 0.3% up NE
RWY 22: Road.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** Actvt REIL Rwy 34; VASI Rwy 34; MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Attended Nov–Apr 1600–0100Z‡, May–Oct 1600–0200Z‡. Deer, coyote and cougar on and invof arpt. Rwy 04–22 marked with white reflectors.
AIRPORT MANAGER: 541-475-6947
WEATHER DATA SOURCES: AWOS–3PT 132.425 (541) 475–0494.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SEATTLE CENTER APP/DEP CON** 126.15
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.
DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17´ W121°18.21´ 356° 25.8 NM to fld. 4103/18E.
VORTAC unusable:
220°–240° byd 30 NM

MAHLON SWEET FLD (See EUGENE on page 142)

MALIN (4S7) 1 SE UTC–8(–7DT) N42°00.07´ W121°23.78´ **KLAMATH FALLS**
4053 NOTAM FILE MMV
RWY 14–32: H2800X30 (ASPH)
RWY 32: Road.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. Rwy 14–32 numbers smaller than standard, no centerline. Rwy 32 thld marked with white chevrons. Rwy 32 has NSTD displaced threshold markings. Rwy 14–32 has many areas of unsealed longitudinal and transverse cracking throughout rwy. Gaps 1/4´´ to 1/2". Twy marked with "MALIN" in large white letters adjacent to displaced threshold markings. Twy not marked with centerline. Parking apron not equipped with tie downs.
AIRPORT MANAGER: 541-891-5718
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MANZANITA

NEHALEM BAY STATE (3S7) 2 S UTC–8(–7DT) N45°41.89´ W123°55.78´ **SEATTLE**
30 NOTAM FILE MMV
RWY 15–33: H2350X50 (ASPH)
RWY 15: Hill.
AIRPORT REMARKS: Unattended. Wildlife invof rwy. Unpaved twy and ramp.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MC DERMITT STATE (26U) 0 W UTC–8(–7DT) N42º00.62´ W117º43.63´ **KLAMATH FALLS**
4478 B NOTAM FILE MMV **H–3D, L–11B**

RWY 16–34: H5900X60 (ASPH) S–12.5 PCN 13 F/C/X/T MIRL
1.0% up N

SERVICE: **LGT** ACTIVATE MIRL Rwy 16–34—CTAF.

AIRPORT REMARKS: Unattended. Surface conditions not reported. P–lines South and East. 1´–4´ sagebrush growing in primary sfc.

AIRPORT MANAGER: 503-378-4880

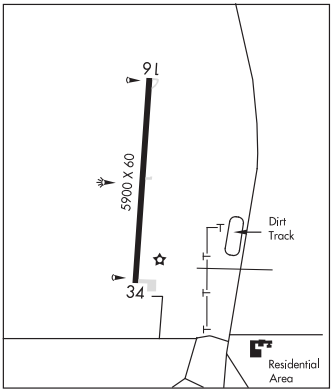
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE REO.

ROME (H) VORW/DME 112.5 REO Chan 72 N42º35.43´ W117º52.09´ 151º 35.4 NM to fld. 4040/19E.

DME unusable:
095º–105º byd 30 NM blo 10,000´
115º–125º byd 30 NM blo 10,000´



MC KENZIE BRIDGE STATE (ØØS) 3 E UTC–8(–7DT) N44º10.89´ W122º05.13´ **KLAMATH FALLS**
1620 NOTAM FILE MMV

RWY 06–24: 2600X90 (TURF)

RWY 06: Trees.

RWY 24: Trees.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1–May1. Wildlife on and invof arpt year round. Owner advises ctc with Oregon Dept of Aviation 503–378–4880 prior to use. Rwy 06–24 slopes up to the east. Expect significant turbulence and downdrafts near rwy. Rwy 06–24 rough on east half. Land east–tkf west. Rwy 06 thld marked with white mats. Rwy edges marked with white panel markers.

AIRPORT MANAGER: 503-378-4880

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MC MINNVILLE MUNI (MMV)(KMMV) 3 SE UTC–8(–7DT) N45º11.67´ W123º08.16´ **SEATTLE**
163 B NOTAM FILE MMV **H–1B, L–1B**
IAP

RWY 04–22: H5420X100 (ASPH) S–40, D–50, 2D–80 HIRL

RWY 04: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Trees.

RWY 22: MALSR. PAPI(P4L)—GA 3.0º TCH 55´. Trees.

RWY 17–35: H4340X75 (ASPH) S–30

RWY 17: Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA–5420 TODA–5420 ASDA–5320 LDA–5320

RWY 22: TORA–5420 TODA–5420 ASDA–5420 LDA–5420

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE MALSR Rwy 22, REIL Rwy 04, and HIRL Rwy 04–22—CTAF.

AIRPORT REMARKS: Attended 1600–0100Z‡. 100LL fuel 24 hour credit card svc avbl. High pressure bulk oxygen avbl Mon–Sat. Glider ops Rwy 17–35 and within 8 NM blo 8000´ during dalgt hours Feb–Nov. FBO may be contacted on frequency 123.0. Twys A and D have blue edge reflectors. After hrs call out list posted on door.

AIRPORT MANAGER: (503) 376-0190

WEATHER DATA SOURCES: ASOS 135.675 (503) 434–9153.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ**PORTLAND APP/DEP CON** 118.1 126.0NORTH

Ⓡ**SEATTLE CENTER APP/DEP CON** 125.8(SOUTH)

CLNC DEL 118.35

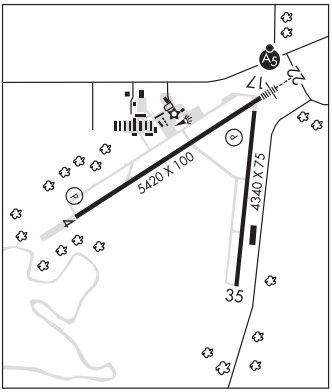
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 194º 11.6 NM to fld. 1443/21E.

ILS 110.9 I–MMV Rwy 22. Class IA.

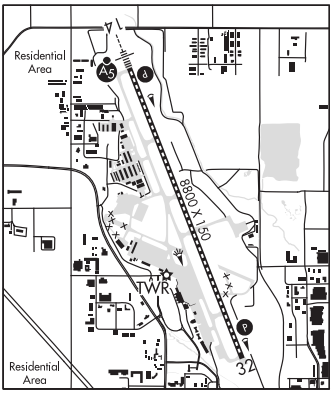
COMM/NAV/WEATHER REMARKS: PDX monitors 121.5 for McMinnville (MMV).



MCNARY FLD (See SALEM on page 167)

MEDFORD

ROGUE VALLEY INTL – MEDFORD (MFR)(KMFR) 3 N UTC–8(–7DT) N42°22.45´ W122°52.41´ **KLAMATH FALLS H–3B, L–2I IAP, AD**
1335 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE MFR MON Airport
RWY 14–32: H8800X150 (ASPH–GRVD) S–75, D–200, 2S–175, 2D–400 PCN 72 F/C/X/T HIRL CL
RWY 14: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 73´. RVR–T 0.4% up.
RWY 32: REIL. PAPI(P4R)—GA 3.0° TCH 50´. RVR–R 0.6% down.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 14: TORA–8800 TODA–8800 ASDA–8800 LDA–8800
RWY 32: TORA–8800 TODA–8800 ASDA–8800 LDA–8800
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 3 **LGT** ACTIVATE MALSR Rwy 14, REIL Rwy 32, TDZ Rwy 14, cntrln lgts Rwy 14, PAPI Rwy 14 and Rwy 32, HIRL Rwy 14–32 and twy lgts—CTAF.
AIRPORT REMARKS: Attended 1300–0800Z‡. Afld sfc condition unmonitored between 0800–1200Z‡. For fuel after hrs call 541–842–2254. Bird haz large flocks of migratory waterfowl in vicinity Nov–May. Terminal apron clsd to acft exc scheduled air carrier and flts with prior permission. PPR for unscheduled ops with more than 30 pax seats, call arpt ops 541–776–7228. Tran tie–downs and hangar avbl thru FBOs only. Cold temperature airport. Altitude correction required at or below –3C. TPA—2304(969) for propeller acft, 2804(1469) for turbo acft. PAPI Rwy 32 does not provide obstruction clnc byd 6.5 NM from thld. Ldg fee. Ldg fee applies to all corporate acft and all other acft with weight exceeding 12,500 lbs.
AIRPORT MANAGER: (541) 776-7222
WEATHER DATA SOURCES: ASOS 127.25 (541) 776–1238. LAWRS.
COMMUNICATIONS: CTAF 119.4 **ATIS** 127.25 **UNICOM** 122.95
MEDFORD RCO 122.65 (MC MINNVILLE RADIO)
Ⓡ **CASCADE APP/DEP CON** 124.3 (1400–0730Z‡)
SEATTLE CENTER APP/DEP CON 124.85 (0730–1400Z‡)
TOWER 119.4 (1400–0500Z‡) **GND CON** 121.8
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS D svc 1400–0500Z‡; other times CLASS E.
VOR TEST FACILITY (VOT) 117.2
RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.
(H) VORTACW 113.6 OED Chan 83 N42°28.77´ W122°54.78´ 145° 6.6 NM to fld. 2083/19E.
TACAN AZIMUTH unusable:
245°–350° byd 30 NM blo 10,000´
VOR unusable:
260°–270° byd 35 NM blo 9,000´
290°–300° byd 35 NM blo 8,500´
MEDFORD NDB (MHW) 356 MEF N42°23.50´ W122°52.73´ 151° 1.1 NM to fld. 1286/16E.
NDB unusable:
220°–240° byd 15 NM
ILS/DME 110.3 I–MFR Chan 40 Rwy 14. Class IA. Unmonitored when ATCT closed. Localizer backcourse unusable wi 1.0 NM; byd 20° left of course; byd 11 NM blw 7,000´.

MEMALOOSE (See IMNAHA on page 147)

MILLER MEM AIRPARK (See VALE on page 172)

MONUMENT MUNI (12S) 1 NW UTC–8(–7DT) N44°49.89´ W119°25.78´ **SEATTLE**
2323 NOTAM FILE MMV
RWY 14–32: H2104X29 (ASPH)
RWY 14: Hill.
AIRPORT REMARKS: Unattended. Intermittently clsd winters due to snow. Wildlife on and invof arpt. Rwy ends marked at each corner by a single white tire.
AIRPORT MANAGER: 541-934-2025
COMMUNICATIONS: CTAF/UNICOM 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MULINO STATE (See PORTLAND–MULINO on page 164)

MYRTLE CREEK MUNI (16S) 2 SW UTC–8(–7DT) N42°59.84´ W123°18.92´ **KLAMATH FALLS**
619 B TPA—1600(981) NOTAM FILE MMV
RWY 03–21: H2600X60 (ASPH) S–12 MIRL
RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 41´. Brush. Rgt tfc.
RWY 21: Trees.
SERVICE: **LGT** ACTIVATE MIRL Rwys 03–21, REIL Rwy 03 and PAPI Rwy 03—CTAF.
AIRPORT REMARKS: Unattended. Terrain rises to 2200´ MSL within 2 miles on each side of rwy. 198´ lighted tower 1.3 NM N–NW MSL elev 2122 obstructs VFR route.
AIRPORT MANAGER: 541-863-3171
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

NEHALEM BAY STATE (See MANZANITA on page 152)

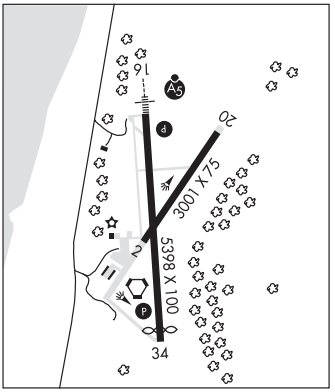
NEWBERG

CHEHALEM AIRPARK (17S) 4 NW UTC–8(–7DT) N45°19.42´ W123°03.26´ **SEATTLE**
190 NOTAM FILE MMV
RWY 07–25: H2285X40 (ASPH) RWY LGTS(NSTD)
RWY 07: Thld dsplcd 300´. P–line.
RWY 25: Tree.
SERVICE: S4 **FUEL** 100LL, JET A
AIRPORT REMARKS: Attended 1600–0200Z‡. Rwy 25 has NS ABTMT procedures in effect for more information ctc arpt manager 503–537–0108. Rwy 07–25 NSTD basic markings, NSTD size, rwy edge stripes. Rwy 07 dsplcd thld NSTD markings, NSTD size. Rwy 07–25 NSTD rwy lgts. Rwy 07–25 NSTD green thld lgts at W end only, no thld lgts on E end; 300´ dsplcd thld unlgtd. NSTD rwy hold position markings at north twy entrance.
AIRPORT MANAGER: 503-537-0108
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

SPORTSMAN AIRPARK (2S6) 1 SE UTC–8(–7DT) N45°17.74´ W122°57.32´ **SEATTLE**
181 NOTAM FILE MMV
RWY 17–35: H2755X50 (ASPH) S–30 LIRL
RWY 17: Thld dsplcd 369´. Tree.
RWY 35: Thld dsplcd 315´. Brush. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Arpt lgts opr sunset–0800Z‡. For LIRL Rwy 17–35 after 0800Z‡ phone 503–538–2134.
AIRPORT REMARKS: Attended dawn–dusk. Rwy 17–35 alligator cracks, dips, patch work in poor condition and edge cracks.
AIRPORT MANAGER: 503-538-2134
COMMUNICATIONS: CTAF 122.9
CLNC DEL 126.0
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

NEWBERG N45°21.19´ W122°58.69´ NOTAM FILE MMV. **SEATTLE**
(H) VORW/DME 117.4 UBG Chan 121 105° 10.9 NM to Aurora State. 1443/21E. **H–1B, L–1B**
RCO 122.45 (MC MINNVILLE RADIO)

NEWPORT MUNI (ONP)(KONP) 3 S UTC–8(–7DT) N44°34.82´ W124°03.48´ **SEATTLE**
160 B NOTAM FILE ONP **H–1B, L–1B**
RWY 16–34: H5398X100 (ASPH) S–75, D–120, 2S–152, 2D–170 **IAP**
PCN 34 F/D/X/T HIRL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 51´. Rgt tfc.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 47´. Thld dsplcd 300´.
RWY 02–20: H3001X75 (ASPH) S–33, D–50, 2D–84 MIRL
1.0% up NE
RWY 02: Ground.
RWY 20: Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION

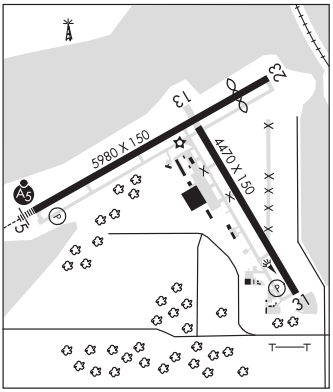
RWY 02:	TORA–3001	TODA–3001	ASDA–3001	LDA–3001
RWY 16:	TORA–5398	TODA–5398	ASDA–5398	LDA–5398
RWY 20:	TORA–3001	TODA–3001	ASDA–3001	LDA–3001
RWY 34:	TORA–5398	TODA–5398	ASDA–5398	LDA–5098

SERVICE: **FUEL** 100LL, JET A **LGT** Rwy 34 PAPI OTS indef. ACTIVATE MALSR Rwy 16, MIRL Rwy 02–20, HIRL Rwy 16–34, PAPIs Rwy 16 & Rwy 34, and REIL Rwy 34—CTAF. Rwy 34 PAPI byd 3° left and 5° rgt of RCL unusbl.
AIRPORT REMARKS: Attended 1600–0100Z‡. For fuel after hrs call 541–867–7422 or 541–530–1364. Birds, deer and coyotes on and INVOF ARPT. PPR for air carrier ops with more than 30 pax seats, call arpt mgr 541–867–7422.
AIRPORT MANAGER: (541) 867-7422
WEATHER DATA SOURCES: AWOS–3 133.9 (541) 867–4175.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.5 (MC MINNVILLE RADIO)
Ⓡ**SEATTLE CENTER APP/DEP CON** 125.8
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ONP.
(H) VORTACW 117.1 ONP Chan 118 N44°34.52´ W124°03.64´ at fld. 147/15E.
VORTAC unusable:
011°–051° byd 35 NM blo 6,000´
061°–116° byd 35 NM blo 7,000´
116°–136° byd 35 NM blo 8,000´
136°–166° byd 35 NM blo 5,000´
346°–011° byd 35 NM blo 5,000´
ILS 111.5 I–ONP Rwy 16.

NORTH BEND

SOUTHWEST OREGON RGNL (OTH)(KOTH) P (CG) 1 NW UTC–8(–7DT) N43º25.02´ W124º14.82´ **KLAMATH FALLS**
17 B Class I, ARFF Index A NOTAM FILE OTH **H–1B, L–1A**
IAP, AD

RWY 05–23: H5980X150 (ASPH–GRVD) S–120, D–215, 2S–143, 2D–340, 2D/2D2–800 PCN 62 F/B/W/T HIRL
RWY 05: MALSR. PAPI(P4R)—GA 3.0º TCH 51´. Boat.
RWY 23: REIL. Thld dsplcd 660´. Boat.
RWY 13–31: H4470X150 (ASPH–GRVD) S–120, D–190, 2S–175, 2D–305, 2D/2D2–735 PCN 55 F/C/W/T MIRL
RWY 13: REIL. Boat.
RWY 31: REIL. PAPI(P4L)—GA 4.0º TCH 50´. Road. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–5320 TODA–5320 ASDA–5320 LDA–5320
RWY 13: TORA–4470 TODA–4470 ASDA–4470 LDA–4470
RWY 23: TORA–5980 TODA–5980 ASDA–5980 LDA–5320
RWY 31: TORA–4470 TODA–4470 ASDA–4470 LDA–4470

SERVICE: S4 **FUEL** 100LL, JET A **LGT** PAPI Rwy 31 OTS indef. REIL Rwy 31 OTS indef. When ATCT clsd, ACTVT MALSR Rwy 05; REIL Rwys 13, 23, 31; MIRL Rwy 13–31; HIRL 05–23—CTAF. PAPI Rwy 05 opr consly. **MILITARY— JASU** 1(MD–3) **FUEL** J5(Mil) (NC–100LL, A) **OIL** O–156(Mil)

AIRPORT REMARKS: Attended 1300–0500Z‡. Svc avbl 1600–0100Z‡, for svc after hrs call 541–756–5181 or 541–756–6903. All acft subjected to arpt usage fees. Twy C3 clsd to acft over 60,000 lbs indef. Migratory flocks of waterfowl on and invof arpt. PAEW invof rwys and twys 1530–2330Z‡. Ship chnl xs Rwy 05 aprx 2/3 mi fm thld; xs Rwy 13 and Rwy 23 aprx 1000 ft to 1700 ft fm thld; mast hgts to 144 ft.

AIRPORT MANAGER: 541-756-8531

WEATHER DATA SOURCES: AWOS–3PT 135.075 (541) 756–0135.

COMMUNICATIONS: CTAF 118.45
NORTH BEND RCO 122.4 (MC MINNVILLE RADIO)
SEATTLE CENTER APP/DEP CON 127.55
NORTH BEND TOWER 118.45 (1500–0500Z‡) **GND CON** 127.1

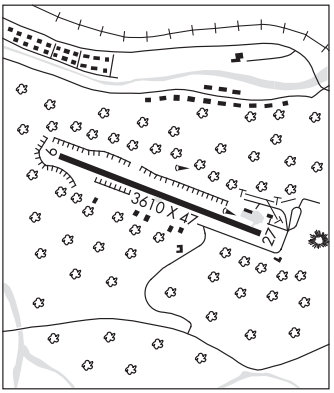
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

AIRSPACE: CLASS D svc 1500–0500Z‡; other times CLASS E.

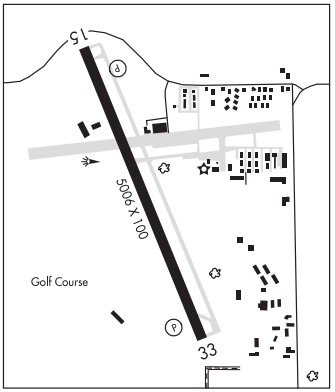
RADIO AIDS TO NAVIGATION: NOTAM FILE OTH.
NORTH BEND (L) VORW/DME 112.1 OTH Chan 58 N43º24.93´ W124º10.11´ 256º 3.4 NM to fld. 707/15E.
VOR unusable:
020º–043º byd 30 NM blo 5,000´
DME unusable:
020º–043º byd 30 NM blo 5,000´
074º–083º byd 30 NM blo 6,000´
EMIRE NDB (HW) 378 OT N43º23.67´ W124º18.62´ 049º 3.1 NM to fld. 33/15E.
ILS 108.5 I–OTH Rwy 05. Class IE. LOM EMIRE NDB. NDB unusable 3º–168º byd 10 NM.

NORTH BEND N43º24.93´ W124º10.11´ NOTAM FILE OTH. **KLAMATH FALLS**
(L) VORW/DME 112.1 OTH Chan 58 256º 3.4 NM to Southwest Oregon Rgnl. 707/15E. **L–1A**
VOR unusable:
020º–043º byd 30 NM blo 5,000´
DME unusable:
020º–043º byd 30 NM blo 5,000´
074º–083º byd 30 NM blo 6,000´
RCO 122.4 (MC MINNVILLE RADIO)

OAKRIDGE STATE (5SØ) 1 W UTC–8(–7DT) N43º45.15´ W122º30.27´ **KLAMATH FALLS**
1393 NOTAM FILE MMV **L–1A**
RWY 09–27: H3610X47 (ASPH) 0.7% up W
RWY 09: Tree.
RWY 27: Road.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Irregular winter maintenance, arpt may be clsd by snow. US Forest Service helicopters active invof arpt during fire season. Deer and elk on and invof arpt. Numerous areas of unsealed longitudinal and transverse cracking along full length of runway.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EUG.
EUGENE (H) VORTACW 112.9 EUG Chan 76 N44º07.25´ W123º13.37´ 110º 38.2 NM to fld. 364/15E.
TACAN AZIMUTH unusable:
035º–055º byd 25 NM blo 9,400´
055º–075º byd 25 NM blo 9,000´
225º–230º byd 35 NM blo 5,500´
255º–295º byd 35 NM blo 7,500´



ONTARIO MUNI (ONO)(KONO) 3 W UTC–7(–6DT) N44º01.16´ W117º00.78´ **KLAMATH FALLS**
2193 B NOTAM FILE ONO **H–1C, L–11B**
RWY 15–33: H5006X100 (ASPH) S–30, D–60 MIRL **IAP**
RWY 15: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Road.
RWY 33: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 15 and Rwy 33, MIRL Rwy 15–33—CTAF. PAPI Rwy 15 and Rwy 33 opr continuously.
AIRPORT REMARKS: Attended 1500–0000Z‡. Self serve card lock fuel avbl 24 hrs. Twy marked with blue reflectors. Rwy 15–33 extended south end.
AIRPORT MANAGER: (541) 881-8848
WEATHER DATA SOURCES: ASOS 135.275 (541) 889–7388.
COMMUNICATIONS: CTAF/UNICOM 122.8
ONTARIO RCO 122.3 (MC MINNVILLE RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 128.05
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BOI.
BOISE (H) VORTACW 113.3 BOI Chan 80 N43º33.17´ W116º11.53´ 291º 45.3 NM to fld. 2877/17E.
VOR portion unusable:
001º–044º byd 22 NM blo 11,000´
001º–044º byd 32 NM blo 14,500´
045º–071º byd 32 NM blo 12,500´
072º–084º byd 32 NM blo 10,500´
TACAN AZIMUTH & DME portion unusable:
010º–060º byd 12 NM blo 13,000´
010º–060º byd 27 NM blo 15,500´
113º–155º byd 30 NM blo 7,000´
348º–010º byd 20 NM blo 13,000´
348º–010º byd 27 NM blo 15,500´



OWYHEE RESERVOIR STATE (28U) 25 SW UTC–8(–7DT) N43º25.49´ W117º20.74´ **KLAMATH FALLS**
2680 NOTAM FILE MMV
RWY 13–31: 1840X30 (DIRT)
AIRPORT REMARKS: Unattended. Owner advises ctc with State Department of Aviation 503–378–4880 prior to use. Remote arpt, no ground access. Arpt in canyon, surrounded by high terrain. 4´ brush growth within 20´ of rwy edge. Rwy 13–31 irregular maintenance. Rwy surface frequently rough and rutted.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

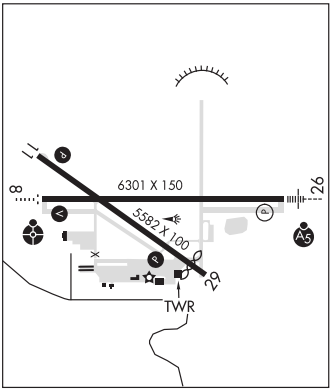
PACIFIC CITY STATE (PFC)(KPFC) 1 S UTC–8(–7DT) N45°11.96´ W123°57.71´ **SEATTLE**
10 NOTAM FILE MMV
RWY 14–32: H1860X30 (ASPH) S–7
RWY 14: Tree.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. Owner advises ctc with Department of Aviation 503–378–4880 prior to use. Rwy may be under water dur winter high tides. Ocnl driftwood on rwy due to flooding. Downwind ldgs not recommended and may not be possible. Many close in obst on both sides of rwy. Exp low level turbulence dur crosswind cond. Assorted trees and 40´ p–line at 500´ north of rwy. Ramp in poor cond. Pre–tkof engine run–ups to be conducted at the parking ramp only.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PAISLEY (22S) 3 NW UTC–8(–7DT) N42°43.08´ W120°33.77´ **KLAMATH FALLS**
4395 B NOTAM FILE MMV **L–11A**
RWY 13–31: H4300X60 (ASPH) LIRL 0.4% up SE
AIRPORT REMARKS: Unattended. Rwy 13 has aiming points.
AIRPORT MANAGER: 541-947-4222
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE LKV.
LAKEVIEW (H) VORTACW 112.0 LKV Chan 57 N42°29.57´ W120°30.43´ 331° 13.7 NM to fld. 7465/19E.

PEAVINE (See ENTERPRISE on page 141)

PENDLETON

EASTERN OREGON RGNL AT PENDLETON (PDT)(KPDT) P (ARNG) 3 NW UTC–8(–7DT) N45°41.69´ **SEATTLE**
W118°50.58´ **H–1C, L–13A**
1497 B NOTAM FILE PDT **IAP, AD**
RWY 08–26: H6301X150 (ASPH–PFC) S–115, D–132, 2D–210 PCN 34 F/B/Y/U HIRL
RWY 08: ODALS. VASI(V4R)—GA 3.0° TCH 35´. RVR–R Ground.
RWY 26: MALSR. PAPI(P4L)—GA 3.0° TCH 48´. RVR–T
RWY 11–29: H5582X100 (ASPH–GRVD) S–70, D–120, 2S–152, 2D–122 PCN 18 F/B/Y/U MIRL
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 43´.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 84´. Thld dsplcd 456´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–6301 TODA–6301 ASDA–6301 LDA–6301
RWY 11: TORA–5582 TODA–5582 ASDA–5126 LDA–5126
RWY 26: TORA–6301 TODA–6301 ASDA–6301 LDA–6301
RWY 29: TORA–5582 TODA–5582 ASDA–5582 LDA–5126
SERVICE: S4 **FUEL** 100LL, JET A1+, MOGAS **LGT** When ATCT clsd ACTVT MALSR Rwy 26; ODALS Rwy 08; REIL Rwy 11 and Rwy 29; VASI Rwy 08, PAPI Rwy 11 and Rwy 29; HIRL Rwy 08–26; MIRL Rwy 11–29—CTAF. Rwy 11–29 PCL for hi intst 5 clicks only. REIL Rwy 11 OTS. REIL Rwy 29 OTS. **MILITARY—** **FUEL** (NC–100LL, A1+ – Self svc avbl H24.)



AIRPORT REMARKS: Attended 1400–0400Z‡. Svcs avbl from FBO btn 0400–1400Z‡ by phone call 541–276–3313 or 541–310–9542. Self fueling cardlocks avbl 24 hrs. Clsd to unscheduled air carrier ops with more than 30 pax seats exc PPR 4 hrs call 541–276–4411. Cold temperature restricted airport. Altitude correction required at or below –22C. Deer on and invof arpt Apr and Aug especially mornings and evenings. Thld Rwy 29 NSTD marking, portion of rwy to function as twy. Twy B clsd south of Twy A. Int of ramp and Rwy 29 north end of terminal bldg, area obstructed from view of twr by terminal bldg. Rwy 08–26 surface condition unmonitored 1400–0400Z‡. Rwy 11–29 surface condition unmonitored 1400–0400Z‡. Fqt dly UAS actvty (lge and small) inside and invof the CDAS.
AIRPORT MANAGER: 541-276-7754
WEATHER DATA SOURCES: ASOS 118.325 (541) 278–2329.
COMMUNICATIONS: CTAF 119.7 **UNICOM** 122.95
PENDLETON RCO 122.2 (MC MINNVILLE RADIO)
Ⓡ **CHINOOK APP/DEP CON** 133.15 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600–1400Z‡)
TOWER 119.7 (1400–0400Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: When Apch clsd, for CD ctc Seattle ARTCC at 253-351-3694

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AIRSPACE: CLASS D svc 1400–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDT.
PENDLETON (H) VORTACW 114.7 PDT Chan 94 N45º41.91´ W118º56.32´ 079º 4.0 NM to fld. 1575/14E.
TACAN azimuth shutdown, TACAN DME operational
ILS 110.3 I–PDT Rwy 26. Class IE. LOC and glideslope unmonitored when twr clsd.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

PINEHURST STATE (24S) 1 SW UTC–8(–7DT) N42º06.61´ W122º22.99´ KLAMATH FALLS

3643 NOTAM FILE MMV
RWY 04–22: H2800X30 (ASPH) 2.0% up SW
RWY 04: Trees.
RWY 22: Trees.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Irregular winter maintenance. Arpt may be clsd by snow. Strong winds from any direction will likely cause low–level turbulence. Rwy 04–22 70´ trees along both sides of rwy 125´ from centerline. Rwy 22 slopes up to the SW, with abrupt 4% rise on SW half of rwy. Owner advises contact Oregon Dept. of Aviation 503–378–4880 prior to use.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

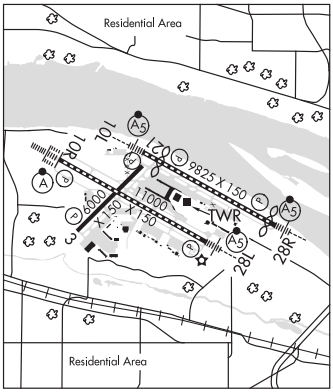
PORTLAND

PORTLAND DOWNTOWN HELIPORT (61J) 0 N UTC–8(–7DT) N45º31.52´ W122º40.26´ SEATTLE

78 B NOTAM FILE MMV
HELIPAD H1: H80X80 (CONC) S–25 PERIMETER LGTS
SERVICE: **LGT** For heliport PLASI when approaching flt apch and tkf 020–activate CTAF 3 times. When approaching flt apch and tkf 025–activate CTAF 5 times. When approaching flt apch and tkf 030–activate CTAF 7 times.
HELIPORT REMARKS: Unattended. +199´ radio twr (lgtd) 4950´ E of heliport in flt apch and tkf 025º. Helipad H1 yellow perimeter lgts, blue centerline twy lgts to helipads. Helipad H1 single heliport with 4 flt apchs 162º/220º/248º/295º/ and tkf directions 342º/040º/068º/115º. Arrow lgts for flt apch 220º/248º/295º and tkf 040º/068º/115º. Ldg fee.
AIRPORT MANAGER: 503-823-7527
COMMUNICATIONS: CTAF/UNICOM 123.075
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

PORTLAND INTL (PDX)(KPDX) P (ANG) 4 NE UTC–8(–7DT) N45º35.32´ W122º35.81´ **SEATTLE**
31 B LRA Class I, ARFF Index E NOTAM FILE PDX **H–1B, L–1C**
IAP, DIAP, AD

RWY 10R–28L: H11000X150 (CONC–GRVD) S–200, D–200, 2S–175, 2D–360 PCN 89 R/D/W/T HIRL CL
RWY 10R: ALSF2. TDZL. PAPI(P4R)—GA 3.0º TCH 71´. RVR–TMR Rgt tfc.
RWY 28L: MALSR. PAPI(P4L)—GA 3.0º TCH 72´. RVR–TMR
RWY 10L–28R: H9825X150 (ASPH–GRVD) S–200, D–200, 2S–175, 2D–400 PCN 133F/D/W/T HIRL CL
RWY 10L: MALSR. PAPI(P4L)—GA 3.0º TCH 51´. RVR–TMR Thld dsplcd 1290´.
RWY 28R: MALSR. PAPI(P4R)—GA 3.0º TCH 70´. RVR–TMR Thld dsplcd 535´. Road. Rgt tfc.
RWY 03–21: H6000X150 (ASPH–GRVD) S–120, D–250, 2S–175, 2D–380 PCN 82 F/D/X/T MIRL
RWY 03: REIL. PAPI(P4L)—GA 3.3º TCH 60´.
RWY 21: REIL. PAPI(P4R)—GA 3.6º TCH 32´. Road.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–6000 TODA–6000 ASDA–6000 LDA–6000
RWY 10L:TORA–9825 TODA–9825 ASDA–9825 LDA–8535
RWY 10R:TORA–11000 TODA–11000 ASDA–11000 LDA–11000
RWY 21: TORA–6000 TODA–6000 ASDA–6000 LDA–6000
RWY 28L:TORA–11000 TODA–11000 ASDA–11000 LDA–11000
RWY 28R:TORA–9825 TODA–9825 ASDA–9825 LDA–9290

ARRESTING GEAR/SYSTEM
RWY 10R TYPE–H BAK–12B(B) (1625'). TYPE–H BAK–12B(B) (2000'). **RWY 28L**

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** RWY 03 PAPI unusbl byd 4 deg left and rgt of RCL and byd 5 NM unusbl. **MILITARY—** **JASU** 4(A/M32A–86) (MC–11) 1(MA–1A) **FUEL** A (C503–331–4220). J8 (Mil) (NC–100LL, A) **FLUID** LHOXRB **OIL** O–128–133–148(Mil) **TRAN ALERT** No tran svc avbl.

AIRPORT REMARKS: Attended continuously. Arpt clsd to non–pwrd acft exc in emerg. Migratory and wintering flocks of large waterfowl on and invof arpt. Heavy seagull act Sep–Apr, exp high number of birds yr round, check lcl advisories. ASSC in use. Operate transponders with altitude reporting mode and ADS–B (if equipped) enabled on all airport surfaces. Rwy 28R perimeter road at 200´ from rwy thld and 408´ rgt from rwy extdd cntrln. Unctl tfc at Pearson Fld Vancouver WA, 3 NM west of Rwy 10L thld on extdd cntrln. Rwy 21 clsd to Height Group IV acft with cockpit to wheel hgt greater than 22´. Rwy 28R 60´ levee road lctd aprxly parallel to rwy at 200´ fm thr and 507´ rt fm rwy extndd cntrln. NS ABTMT procedures in effect call noise office, 503–460–4100. Rwy 28L arr are noise sensitive, exp apch to Rwy 28R with transition to Rwy 28L. TWY W CLSD to ACFT with wingspan GTR than 118 FT unless under tow. TWY K BTN TWY A5 and TWY V CLSD to ACFT wingspan more than 168 FT. TWY M BTN TWY E and TWY T CLSD to ACFT wingspan more than 118 FT. TWY A3 BTN TWY A and the GA ramp CLSD to ACFT with wingspan GTR than 135 feet unless under tow. At the west end arm/dearm area on Twy C no acft of any type may taxi past the arm/dearm area while it is being used. Acft authorized to utilize the NW ramp will be towed to/from this ramp. Area of TWY T BTN M and E3 not VSB FM TWR. TWY T BTN exits B5 and B6 CLSD to ACFT with wingspan GTR than 118 FT. TWY C3 CLSD to ACFT with wingspan equal to or GTR than 79 FT. TWY V CLSD to ACFT with wingspan greater than 168 FT. ACFT with wingspan greater than 118 FT prohibited FM turning WB onto TWY A FM TWY V unless under tow. Acft with wingspan greater than 118´ are prohibited from turning eastbound on Twy C from southwestbound on Twy F unless under tow. Twy E3 clsd to acft with wingspan greater than 198´. Twy T btn Twy E3 and Twy B5 clsd to acft with wingspan gtr than 198 ft. Twy C between Twy C6 and Twy C8 clsd to acft with wingspan greater than 180´. Twy T btn Twy E2 and Twy E3 clsd to acft wingspan more than 118 ft. Twy K btn Twy V and Twy A4 clsd to acft wingspan more than 118 ft. 180º turns by acft weighing in excess of 12,500 lbs prohibited on Rwy 10L–28R, Rwy 03–21 and all twys. PDX has fac constraints that lmt its ability to accommodate divd flts and mntn the arpt safe opn dur ireg ops. Acft oprs shud ctc the arpt duty mgr at (503) 460–4236 to coord divd flts exc in the case of a declared in–flt emerg. Ldg fee. Coml acft and oprs of acft with an FAA certified max gross ldg wt that exceeds 10,000 lbs are rqrd to pay a ldg fee. Possible Rwy 28L glideslope fluctuation prior to addum when weather is greater than 800/2. Flight Notification Service (ADCUS) avbl.

MILITARY REMARKS: ANG See FLIP AP/1 for Supplementary Arpt Information. Hazardous bird cond exist. Phase I May–Oct, Phase II Nov–Apr. Current bird watch cond are not reported on ATIS. PPR/Official Business Only. Base ops opr 1500–2300Z‡ Mon–Fri exc hol, DSN 638–4390, C503–335–4390. Ctc Base OPS 15 mins prior to ldg and after departing on 281.2. Tran quarters not avbl. CAUTION: Obst lgtg is not NVD compatible. NVD not authorized while airborne invof afld. NSTD yellow park spot designators and equipment tool box location painted on ramp. Please ctc base ops or req follow me if not familiar with Portland ANG base park procedures.

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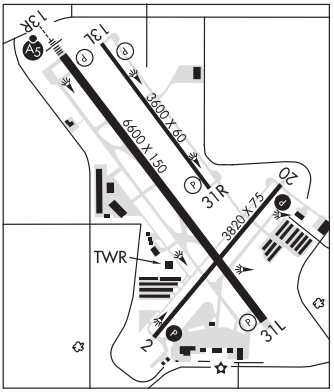
AIRPORT MANAGER: 503-415-6195
WEATHER DATA SOURCES: ASOS (503) 493–7687 WSP.
COMMUNICATIONS: D–ATIS 128.35 269.9 (503) 493–7557 **UNICOM** 122.95
® **APP/DEP CON** 118.1 284.6 (100°–279° HIGH) 124.35 299.2 (280°–099°) 126.9 (APCH FINAL)
TOWER 118.7 257.8 (Rwy 10L–28R) 123.775 251.125 (Rwy 03–21 and Rwy 10R–28L)
GND CON 121.9 348.6 **CLNC DEL** 120.125 318.1
AFR OPNS 138.45 252.8 **ANG COMD POST** 288.9 (Stump Town)
ANG OPNS 280.5 **PORTLAND GUARD OPS** 281.2
CPDLC (LOGON KUSA)
AIRSPACE: CLASS C svc ctc **APP CON**.
VOR TEST FACILITY (VOT) 111.0
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45º44.87´ W122º35.49´ 160º 9.6 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035º–085º byd 35 NM blo 10,000´
COLUMBIA (H) TACAN Chan 29 CBU (109.2) N45º35.32´ W122º36.68´ at fld. 22/20E.
TACAN unusable:
020º–030º byd 30 NM blo 9,500´
030º–050º byd 20 NM blo 9,500´
120º–130º byd 15 NM blo 8,500´
155º–250º byd 15 NM blo 10,500´
250º–270º byd 20 NM blo 8,500´
ILS/DME 111.3 I–VDG Chan 50 Rwy 10L. Class IT. DME also serves Rwy 28R.
ILS/DME 110.5 I–PDX Chan 42 Rwy 10R. Class IIIE. DME also serves Rwy 28L.
LOC/DME 108.9 I–GPO Chan 26 Rwy 21.
ILS/DME 110.5 I–JMJ Chan 42 Rwy 28L. Class IT. DME also serves Rwy 10R. Autocoupled apch not applicable blw 880´MSL (2.4NM from thld).
ILS/DME 111.3 I–IAP Chan 50 Rwy 28R. DME also serves Rwy 10L.
COMM/NAV/WEATHER REMARKS: PDX monitors 121.5 for McMinnville (MMV).

PORTLAND–HILLSBORO (HIO)(KHIO) 15 SW UTC–8(–7DT) N45º32.53´ W122º57.04´ **SEATTLE**
208 B TPA—See Remarks LRA NOTAM FILE HIO MON Airport **H–1B, L–1C**
RWY 13R–31L: H6600X150 (ASPH) S–50, D–70, 2S–89, 2D–110 **IAP, AD**
HIRL
RWY 13R: MALSR. PAPI(P4L)—GA 3.0º TCH 49´. RVR–T
RWY 31L: REIL. PAPI(P4L)—GA 3.0º TCH 51´. RVR–R Tree.
RWY 02–20: H3820X75 (ASPH) S–54.5, D–74, 2D–139
PCN 20 F/C/X/T MIRL
RWY 02: PAPI(P4R)—GA 3.0º TCH 39´. Road. Rgt tfc.
RWY 20: PAPI(P4L)—GA 3.0º TCH 38´. Tree.
RWY 13L–31R: H3600X60 (ASPH) S–28 PCN 10 F/D/Y/T MIRL
RWY 13L: PAPI(P4L)—GA 3.0º TCH 27´.
RWY 31R: PAPI(P4L)—GA 3.0º TCH 26´. Rgt tfc.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 13R	02–20	4922

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 4 **LGT** When ATCT CLSD
ACTVT MALSR RWY 13R; PAPI RWY 02 and PAPI RWY 20—CTAF.
RWY 13L PAPI UNUSBL beyond 8 DEG L and R of RWY CNTRLN.
RWY 31R PAPI UNUSBL beyond 8 DEG L and R of RWY CNTRLN.
AIRPORT REMARKS: Attended 1400–0600Z‡. Rwy 13R–31L clsd to touch and go ldgs between 0600–1400Z‡. Be alert for bird act in vicinity Nov to May. Glider ops 5 NM northwest during dalgt hrs Mar–Oct. NS ABTMT procedures in effect call 503–460–4100 or 800–938–6647. Noise sensitive areas border arpt west, south and east. Rwy 31L is preferred rwy for NS ABTMT. Avoid low level over flts of residential areas whenever possible. Nighttime touch and gos are discouraged 0600–1400Z‡. TPA—1208 (1000), turbine and large acft 1708 (1500). Rwy 13R run–up area not visible from twr. Rwy 02–20 has 150´ x 75´ paved blast pads at both ends. Rwy 13R–31L has 200´ x 150´ paved blast pads at both ends. Be alert, extv helicopter training operations to Twy A, Twy B & Twy D. Flight Notification Service (ADCUS) avbl, 2 hr advance ntc rqr Mon–Sat 0100–1400Z‡ and 24 hrs Sun and hol. Coml acft and oprs of acft with an FAA certified maximum gross ldg weight that exceeds 10,000 lbs are rqr to pay a ldg fee. Ldg fee. Fee based CSTMS facility $60 single engine, $175 twin engine, $500 turbine. CSTMS avbl 2000–0400Z‡ 503–693–1069, otherwise CSTMS Flt Notification (ADCUS) avbl, advance coordination rqr 503–326–3230.

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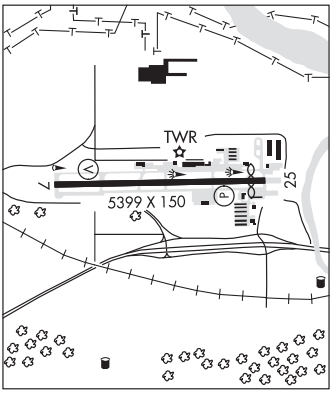
AIRPORT MANAGER: 503-460-4119
WEATHER DATA SOURCES: ASOS 127.65 (503) 640–2984.
COMMUNICATIONS: CTAF 119.3 **ATIS** 127.65 **UNICOM** 122.95
Ⓡ **APP/DEP CON** 126.0 269.175 (LOW) 118.1 284.6 (HIGH)
TOWER 119.3 (1400–0600Z‡) **GND CON** 121.7
CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc Portland Apch at 503-493-7545.
AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.
VOR TEST FACILITY (VOT) 115.2
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 345º 11.4 NM to fld. 1443/21E.
BANKS NDB (MHW) 356 PND N45º37.82´ W123º02.75´ 127º 6.6 NM to fld. 211/16E. NOTAM FILE HIO.
ILS 110.7 I–HIO Rwy 13R. Class IE. Unmonitored when ATCT clsd. Localizer unusable beyond 27º each side of course.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

PORTLAND–TROUTDALE (TTD)(KTTD) 10 E UTC–8(–7DT) N45º32.96´ W122º24.08´

SEATTLE
H–1B, L–1C
IAP, AD

39 B NOTAM FILE TTD
RWY 07–25: H5399X150 (ASPH) S–19, D–25 MIRL
RWY 07: REIL. VASI(V4L)—GA 3.0º TCH 50´.
RWY 25: REIL. PAPI(P4L)—GA 3.1º TCH 31´. Thld dsplcd 353´. Road.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 25: TORA–5399 TODA–5399 ASDA–5399 LDA–5046
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** Rwy 07 VASI and PAPI Rwy 25 opr continuously. ACTIVATE MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Attended 1500–0600Z‡. Migratory flocks of waterfowl on and invof arpt. Portland Intl arpt (PDX) Rwy 10L–28R extended centerline crosses arpt, twr may issue restrictions due to PDX tfc. Multiple const cranes 110´ AGL or blo located 2700´ SW of Rwy 25 thld. Extensive helicopter ops on and adjacent to west ends of parallel twys, no early turnouts. NS ABTMT procedures in effect, call 503–460–4100 or 800–938–6647. Noise sensitive areas border the arpt west and south. Avoid low level over flts of residential areas. Recommend between SS and SR Rwy 07 left tfc and Rwy 25 rft tfc due to bluff 500´ south of arpt. Rwy 25 PAPI is baffled 08º left and rgt of centerline. Commercial acft and oprs of acft with an FAA certified maximum gross ldg weight that exceeds 10,000 lbs are rqr to pay a ldg fee. Ldg fee.



AIRPORT MANAGER: 503-415-6119
WEATHER DATA SOURCES: ASOS 135.625 (503) 492–2887.
COMMUNICATIONS: CTAF 120.9 **ATIS** 135.625 503 –492–7634 **UNICOM** 122.95
Ⓡ **PORTLAND APP CON** 118.1 284.6 (100°–279° HIGH) 299.2 (280º–099º) 124.35
TROUTDALE TOWER 120.9 254.3 (1500–0600Z‡) **GND CON** 121.8
Ⓡ **PORTLAND DEP CON** 124.35 299.2
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.
AIRSPACE: CLASS D svc 1500–0600Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45º44.87´ W122º35.49´ 125º 14.4 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035º–085º byd 35 NM blo 10,000´
COMM/NAV/WEATHER REMARKS: Frequency 121.5 not avbl at twr.

PORTLAND–MULINO

MULINO STATE (4S9) 20 S UTC–8(–7DT) N45°12.99´ W122°35.41´ **SEATTLE L–1B**

260 B NOTAM FILE MMV

RWY 14–32: H3425X100 (ASPH) MIRL 0.4% up SE

RWY 14: PAPI(P2L)—GA 3.0° TCH 43´. Tree. Rgt tfc.

RWY 32: PAPI(P2L)—GA 3.0° TCH 33´. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Rwy 32 PAPI ots indef. PAPI Rwy 14 and Rwy 32 opr 24 hrs. ACTIVATE MIRL Rwy 14–32, twy lgts, and windcone—CTAF.

AIRPORT REMARKS: Unattended. Be alert for weekend glider activity. Parachute Jumping. Skydiving activity on and in vicinity of airport. Landing zone 1400´ east of runway. Wildlife on and invof arpt. Rwy 32 designated calm wind rwy.

AIRPORT MANAGER: 503-378-4880

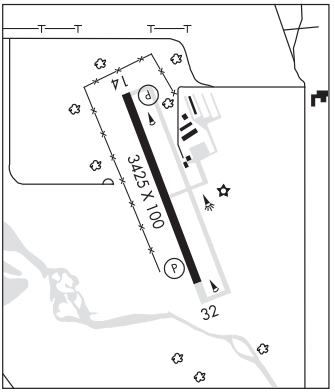
COMMUNICATIONS: CTAF/UNICOM 123.05

PORTLAND CLNC DEL 119.95

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.

NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19´ W122°58.69´ 095° 18.4 NM to fld. 1443/21E.



POWERS (6S6) 1 SE UTC–8(–7DT) N42°52.16´ W124°03.54´ **KLAMATH FALLS**

326 NOTAM FILE MMV

RWY 13–31: 2500X60 (TURF)

RWY 13: Trees.

RWY 31: Trees.

AIRPORT REMARKS: Unattended. Arpt in valley surrounded by high terrain. Livestock and wildlife on and invof arpt. Rwy 31 NSTD markings, thld marked with white tires. Rwy 13 rwy end not marked.

AIRPORT MANAGER: (541) 572-2737

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PRINEVILLE (S39) 3 SW UTC–8(–7DT) N44°17.27´ W120°54.31´ **KLAMATH FALLS H–1B, L–13A IAP**

3251 B NOTAM FILE MMV

RWY 10–28: H5751X75 (ASPH) S–30 MIRL

RWY 28: PAPI(P4L)—GA 3.0° TCH 41´.

RWY 15–33: H4054X40 (ASPH) S–5 LIRL 0.3% up SE

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10–28; PAPI Rwy 28; LIRL Rwy 15–33—CTAF.

AIRPORT REMARKS: Attended Oct–Apr 1500–0100Z‡, May–Sep 1500–0200Z‡. 24 hr card lock self–svc fuel avbl. Deer on and invof arpt. Rwy 15–33 limited by arpt opr to 5000 lbs max weight. Rwy 15–33, numerous areas of unsealed longitudinal and transverse cracking throughout full length.

AIRPORT MANAGER: 541-416-0805

WEATHER DATA SOURCES: AWOS–3PT 118.325 (541) 447–4060.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ**SEATTLE CENTER APP/DEP CON** 126.15

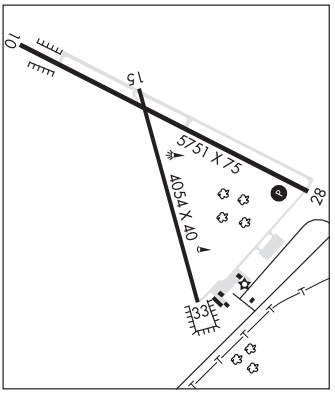
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17´ W121°18.21´ 065° 17.3 NM to fld. 4103/18E.

VORTAC unusable:

220°–240° byd 30 NM



PROSPECT STATE (64S) 1 S UTC–8(–7DT) N42°44.56´ W122°29.34´ **KLAMATH FALLS**
2578 B NOTAM FILE MMV **L–2J**

RWY 02–20: H4000X50 (ASPH) LIRL 1.3% up N
RWY 02: Trees.
RWY 20: Trees.

SERVICE: **LGT** LIRL OTS indef. Trees obscure view of rotating bcn from southeast–southwest quadrants of arpt.

AIRPORT REMARKS: Unattended. Arpt clsd SS–SR. Surface conditions not reported. Irregular winter maintenance, arpt may be clsd by snow. 80´–100´ trees within 200´ of rwy centerline both sides of rwy. Rwy 02–20 numerous areas of unsealed longitudinal and transverse cracking throughout full length of rwy. Gaps 1/2 to 3 inch wide. Depth to 2 inch. Turf tie down area rough. Segmented circle: NSTD circle markings; tires painted white and orange.

AIRPORT MANAGER: 503-378-4880

COMMUNICATIONS: CTAF/UNICOM 122.8

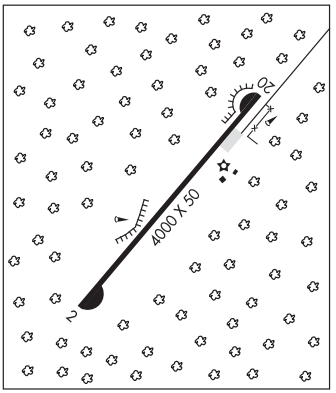
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE MFR.

ROGUE VALLEY (H) VORTACW 113.6 OED Chan 83 N42°28.77´ W122°54.78´ 031° 24.5 NM to fld. 2083/19E.

TACAN AZIMUTH unusable:
245°–350° byd 30 NM blo 10,000´

VOR unusable:
260°–270° byd 35 NM blo 9,000´
290°–300° byd 35 NM blo 8,500´



REDMOND

ROBERTS FLD (RDM)(KRDM) 1 SE UTC–8(–7DT) N44°15.24´ W121°09.00´ **KLAMATH FALLS**
3082 B Class I, ARFF Index B NOTAM FILE RDM MON Airport **H–1B, L–13A**
IAP, AD

RWY 05–23: H7038X150 (ASPH–GRVD) S–120, D–216, 2S–140, 2D–399 PCN 52 F/A/X/T HIRL 0.3% up SW
RWY 05: REIL. VASI(V4L)—GA 3.0° TCH 50´.
RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 51´.

RWY 11–29: H7006X100 (ASPH–GRVD) S–109, D–178 PCN 42 F/A/X/T MIRL 0.5% up SE
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 50´.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 50´.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA–7038	TODA–7038	ASDA–7038	LDA–7038
RWY 11: TORA–7006	TODA–7006	ASDA–7006	LDA–7006
RWY 23: TORA–7038	TODA–7038	ASDA–7031	LDA–7031
RWY 29: TORA–7006	TODA–7006	ASDA–7006	LDA–7006

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** When twr clsd ACTIVATE HIRL Rwy 05–23; MIRL Rwy 11–29; MALSR Rwy 23; REIL Rwy 05, Rwy 11 and Rwy 29; twy lgts—CTAF. PAPI Rwy 29 unusbl byd 5 NM from thld, does not provide obstn clnc.

AIRPORT REMARKS: Attended 1200–0400Z‡. For fuel after hrs call FBO 541–410–2938 (122.95) or FBO 541–504–3848 (122.85). Tran helicopter ops preferred north (conc) general aviation ramp. Ocnl wildlife on and invof arpt. Terminal apron not avbl for general aviation acft. Helipad H1 pvt use only.

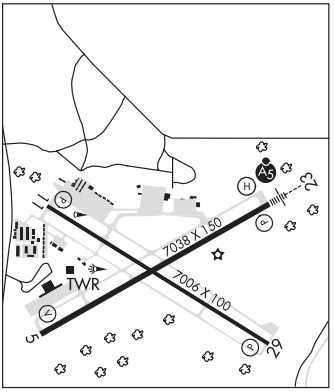
AIRPORT MANAGER: (541) 504-3085

WEATHER DATA SOURCES: ASOS 119.025 (541) 504–8743.

COMMUNICATIONS: CTAF 124.5 **ATIS** 119.025 541–548–1742 **UNICOM** 122.95
REDMOND RCO 122.5 (MC MINNVILLE RADIO)
® **SEATTLE CENTER APP/DEP CON** 126.15
REDMOND TOWER 124.5 (1300–0300Z‡) **GND CON** 121.8

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

AIRSPACE: CLASS D svc 1300–0300Z‡; other times CLASS E.



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RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.
DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17′ W121°18.21′ 071° 6.6 NM to fld. 4103/18E.
VORTAC unusable:
220°–240° byd 30 NM
ILS/DME 109.1 I–RDM Chan 28 Rwy 23. Class IE.
COMM/NAV/WEATHER REMARKS: ATC radar svc provided within 40 NM radius by Seattle Ctr to transponder equipped acft only. RDM ATCT does not provide ATC radar svc.

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HELIPAD H1: H48X48 (CONC)

REDMOND N44°15.25′ W121°09.15′ — KLAMATH FALLS L–13A

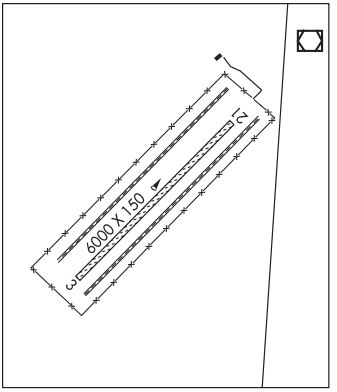
RCO 122.5 (MC MINNVILLE RADIO)

ROBERTS FLD (See REDMOND on page 165)

ROGUE VALLEY INTL – MEDFORD (See MEDFORD on page 154)

ROME STATE (REO)(KREO) 20 SW UTC–8(–7DT) N42°34.66′ W117°53.13′ — KLAMATH FALLS

4053 NOTAM FILE REO
RWY 03–21: 6000X150 (GRVL)
AIRPORT REMARKS: Unattended. Sage growing in primary sfc. Rwy 03–21 sagebrush growing on west portion of rwy. Rwy 03–21 ltd by arpt opr to 8000 lbs single wheel gear.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
RCO 122.65 (BOISE RADIO)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE REO.
(H) VORW/DME 112.5 REO Chan 72 N42°35.43′ W117°52.09′ 206° 1.1 NM to fld. 4040/19E.
DME unusable:
095°–105° byd 30 NM blo 10,000′
115°–125° byd 30 NM blo 10,000′

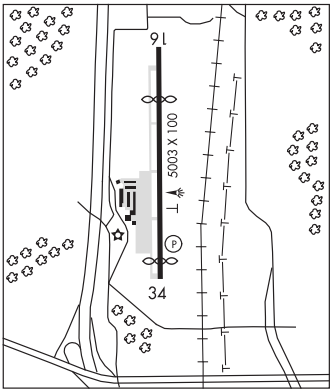


ROSEBURG

GEORGE FELT (5S1) 3 W UTC–8(–7DT) N43°12.93′ W123°24.26′ — KLAMATH FALLS

428 NOTAM FILE MMV
RWY 10–28: 2300X100 (TURF) 0.4% up E
RWY 10: Tree.
RWY 28: Brush. Rgt tfc.
AIRPORT REMARKS: Attended irregularly. Deer frequently on rwy. Migratory flocks of waterfowl on and invof arpt. Soft earth off rwy and twy when wet. For NS ABTMT fly to river before turning. Monitor Roseburg Rgnl CTAF/UNICOM for conflicting acft. Rwy 28 4′ fence at 30′ crossing apch. Rwy 10 +25′ trees at 50′ from cntrln both sides.
AIRPORT MANAGER: 541-673-7709
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

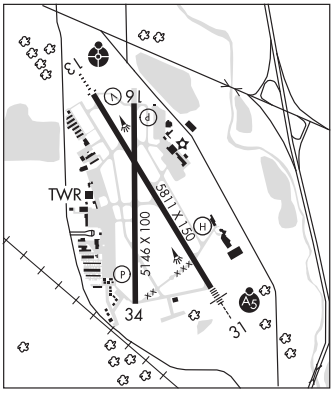
ROSEBURG RGNL (RBG)(KRBG) 1 NW UTC–8(–7DT) N43º14.36´ W123º21.35´ **KLAMATH FALLS H–1B, L–1A IAP**
534 B NOTAM FILE RBG
RWY 16–34: H5003X100 (ASPH) S–42, D–54, 2D–88 MIRL
0.7% up N
RWY 16: REIL. Thld dsplcd 1100´. Hill.
RWY 34: REIL. PAPI(P4R)—GA 4.0º TCH 53´. Thld dsplcd 372´. Road.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE REIL Rwy 16 and Rwy 34, MIRL Rwy 16–34—CTAF. Rwy 34 PAPI opr continuously.
AIRPORT REMARKS: Attended 1600–0100Z‡. Waterfowl on and invof arpt. Rwy 16 has a 150´ blast pad marked with yellow chevrons. Segmented circle NSTD, marked with white tires.
AIRPORT MANAGER: 541-672-7701
WEATHER DATA SOURCES: ASOS 135.475 (541) 673–1483.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.55 (MC MINNVILLE RADIO)
SEATTLE CENTER APP/DEP CON 127.55
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE RBG.
(L) VORW/DME 108.2 RBG Chan 19 N43º10.95´ W123º21.13´ 337º 3.4 NM to fld. 1320/20E.
DME unusable:
070º–130º byd 20 NM blo 8,000´
130º–190º byd 30 NM blo 7,000´
240º–320º byd 25 NM blo 5,000´
VOR unusable:
070º–130º byd 20 NM blo 8,000´
130º–150º byd 20 NM blo 7,000´
240º–290º byd 25 NM blo 5,000´

SALEM

MCNARY FLD (SLE)(KSLE) P (ARNG) 2 SE UTC–8(–7DT) N44º54.57´ W123º00.15´ **SEATTLE H–1B, L–1B IAP, AD**
213 B Class IV, ARFF Index A NOTAM FILE SLE MON Airport
RWY 13–31: H5811X150 (ASPH–GRVD) S–105, D–147, 2S–154
PCN 41 F/C/X/T HIRL 0.3% up SE
RWY 13: ODALS. REIL. VASI(V4L)—GA 3.0º TCH 50´. RVR–R Road.
RWY 31: MALSR. RVR–T Tree.
RWY 16–34: H5146X100 (ASPH–GRVD) S–39.5, D–52
PCN 15 F/D/X/T MIRL 0.3% up S
RWY 16: REIL. PAPI(P4L)—GA 3.0º TCH 38´. Road.
RWY 34: REIL. PAPI(P4L)—GA 4.0º TCH 42´. Tree.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 31	16–34	3150
RWY 34	13–31	3050

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13:	TORA–5811	TODA–5811	ASDA–5811	LDA–5811
RWY 16:	TORA–5145	TODA–5145	ASDA–5145	LDA–5145
RWY 31:	TORA–5811	TODA–5811	ASDA–5811	LDA–5811
RWY 34:	TORA–5145	TODA–5145	ASDA–5145	LDA–5145

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 16 and Rwy 34 PAPI OTS indef. When twr clsd ACTIVATE MALSR Rwy 31; ODALS Rwy 13; REILS Rwy 13, Rwy 16 and Rwy 34; HIRL Rwy 13–31, MIRL Rwy 16–34—CTAF.
MILITARY— FUEL (NC–100LL – Self svc avbl H24. A – Avbl after bus hr with PN C503–508–4178/593–364–0111.)
AIRPORT REMARKS: Attended 1530Z‡–dusk. Self fueling, 100LL only, avbl 24 hrs a day. Jet A avbl aft nml bus hrs with advnd notice at 503–508–4178 or 503–364–4158. Airfield conds not mntd btn 1600–0800Z‡ and all times Sat and Sun. Arpt clsd aft heavy snwfl. Rsg trrn and trees W and S of arpt, inclg extd cntrln of Rwy 34. Trees on extd cntrln of Rwy 16. Ngt ops not rcmd both rwys. PPR for unscheduled air carrier ops with more than 30 pax seats, call arpt mgr on 503–588–6314. PPR rqd for prkg acft on coml ramp over 99,000 lbs call amgr 503–588–6314. Acft prkg on S G/A ramp ltd to acft under 12,500 lbs. Bird haz, heavy concentration waterfowl adjacent to arpt and apchs to all rwys. Twy A from Twy L to Twy L9 not visible from twr. Flocks of geese concentrated transiting Class D airspace at tfc pat alt Oct–May. Ns abtmt procs in efct. Avd ovr flt of srng resl areas when poss.
AIRPORT MANAGER: (503) 589-2057

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WEATHER DATA SOURCES: ASOS 124.55 (503) 371–1062.
COMMUNICATIONS: CTAF 119.1 **ATIS** 124.55 **UNICOM** 122.95
SALEM RCO 122.6 (MC MINNVILLE RADIO)
Ⓡ**SEATTLE CENTER APP/DEP CON** 125.8
SALEM TOWER 119.1 (1500–0500Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS D svc 1500–0500Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45º21.19´ W122º58.69´ 161º 26.6 NM to fld. 1443/21E.
TURNO NDB (LOM) 266 SL N44º50.85´ W122º57.06´ 312º 4.3 NM to fld.
ILS/DME 110.3 I–SLE Chan 40 Rwy 31. Class IT. LOM TURNO NDB.

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HELIPAD H1: H37X37 (CONC)

SALEM N44º55.14´ W123º00.54´ **SEATTLE**
RCO 122.6 (MC MINNVILLE RADIO) **L–1B**

SANDY

COUNTRY SQUIRE AIRPARK (S48) 3 S UTC–8(–7DT) N45º21.27´ W122º16.08´ **SEATTLE**
1175 NOTAM FILE MMV **L–1B**
RWY 07–25: H3095X32 (ASPH) S–7
RWY 25: Tree.
AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Rwy 07–25 magnetic heading 080°–260°. Ldg fee. Overnight tiedown fee and ldg fee for non based acft.
AIRPORT MANAGER: 503-668-6808
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45º44.87´ W122º35.49´ 129º 27.3 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035º–085º byd 35 NM blo 10,000´

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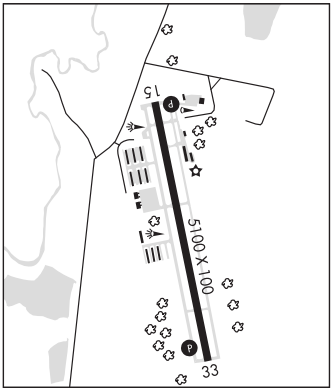
SCAPPOOSE INDUSTRIAL AIRPARK (SPB)(KSPB) 1 NE UTC–8(–7DT) N45°46.26´ W122°51.71´ **SEATTLE**
58 B NOTAM FILE SPB **H–1B,L–1C**
RWY 15–33: H5100X100 (ASPH) S–30, D–50, 2D–90 MIRL **IAP**
0.6% up NW
RWY 15: REIL. PAPI(P4L)—GA 3.73° TCH 41´. Tree.
RWY 33: PAPI(P4L)—GA 3.0° TCH 40´. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 15, PAPI Rwy 15 and Rwy 33, MIRL Rwy 15–33—CTAF. 7 clicks to ACTIVATE REIL.
AIRPORT REMARKS: Attended 1600Z‡–dusk. Extv ultralight activity on west side parallel twy. Rwy 33 has basic markings plus aiming points. Blue lgts and cntrln reflectors at east side twy exits fm rwy. Twy B has med intensity twy lights.
AIRPORT MANAGER: 503-397-2888
WEATHER DATA SOURCES: ASOS 135.875 (503) 543–6401.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **PORTLAND APP CON** 124.35
Ⓡ **PORTLAND DEP CON** 133.0
CLNC DEL 121.65
CLEARANCE DELIVERY PHONE: For CD ctc Portland approach at 503-493-7545.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87´ W122°35.49´ 256° 11.4 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035°–085° byd 35 NM blo 10,000´
LOC/DME 111.1 I–FKO Chan 48 Rwy 15. LOC unusable byd 20° w of course.



SEASIDE MUNI (56S) 1 NE UTC–8(–7DT) N46°00.90´ W123°54.46´ **SEATTLE**
12 B NOTAM FILE MMV
RWY 16–34: H2211X50 (ASPH) S–12 MIRL
RWY 16: Thld dsplcd 155´. Brush.
RWY 34: Road.
SERVICE: **LGT** ACTIVATE MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Unattended. Birds and elk on and invof rwy.
AIRPORT MANAGER: 503-717-2896
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

SEXTON SUMMIT SXT N42°36.00´ W123°21.97´/3838 **KLAMATH FALLS**
ASOS 118.375 (541) 471–1460 **L–2J**

SILETZ BAY STATE (See GLENEDEN BEACH on page 144)

SILVER LAKE F S STRIP (45S) 3 SW UTC–8(–7DT) N43°06.66´ W121°05.65´ **KLAMATH FALLS**
4492 NOTAM FILE MMV
RWY 03–21: 3000X55 (TURF–DIRT)
RWY 03: Fence.
RWY 21: Fence.
AIRPORT REMARKS: Unattended. Rwy soft when wet, call 541–576–7520 for current cond. Rwy sfc bumpy when dry. Rwy 03–21 weed growth and sage throughout primary sfc. Rwy 03 outlined with white tires. Rwy 03–21 has fence post at each end of rwy painted orange and white.
AIRPORT MANAGER: 541-219-1439
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

SISTERS EAGLE AIR (6K5) 1 N UTC–8(–7DT) N44°18.27´ W121°32.35´ **KLAMATH FALLS L–1B**

3168 NOTAM FILE MMV

RWY 02–20: H3560X60 (ASPH) S–4

RWY 02: Thld dsplcd 340´. Tree.

RWY 20: Trees.

SERVICE: **FUEL** 100LL

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rising terrain off departure end of Rwy 02. Check density alt/acft performance prior to tkf. Avoid overflights of homes to northeast. Pilots may consider a departure climb over meadow approximately 45° to the left of the departure end of Rwy 02. Rwy has w and yellow sidestrips and markings.

AIRPORT MANAGER: (541) 719-0602

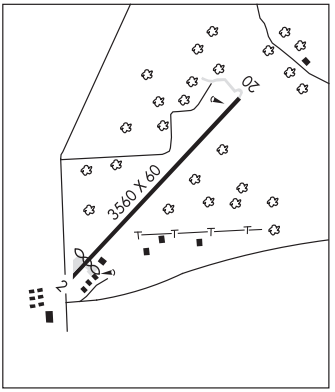
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.

DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17´ W121°18.21´ 269° 10.6 NM to fld. 4103/18E.

VORTAC unusable:
220°–240° byd 30 NM



SIXES

CAPE BLANCO STATE (5S6) 4 NW UTC–8(–7DT) N42°51.48´ W124°31.07´ **KLAMATH FALLS H–1B, L–1A**

214 NOTAM FILE MMV

RWY 14–32: H5100X150 (ASPH) S–115, D–185, 2D–340

RWY 14: Trees.

RWY 32: Brush.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 503-378-4880

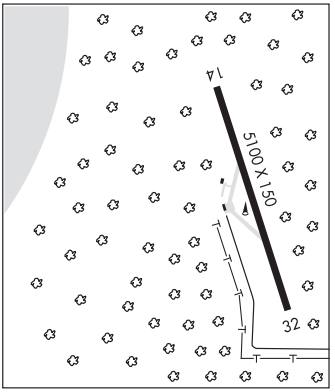
COMMUNICATIONS: CTAF 122.9

RCO 122.4 (MC MINNVILLE RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE CEC.

CRESCENT CITY (L) VORTACW 109.0 CEC Chan 27 N41°46.77´ W124°14.45´ 335° 65.8 NM to fld. 55/14E.

TACAN AZIMUTH & DME unusable:
195°–235° byd 20 NM



SKYPORT (See CORNELIUS on page 138)

SOUTHWEST OREGON RGNL (See NORTH BEND on page 157)

SPORTSMAN AIRPARK (See NEWBERG on page 155)

STARK'S TWIN OAKS AIRPARK (See HILLSBORO on page 145)

SUNRIVER (S21) 1 W UTC–8(–7DT) N43°52.58´ W121°27.18´
4163 B NOTAM FILE MMV

KLAMATH FALLS
H–1B, L–1A, 11A
IAP

RWY 18–36: H5461X75 (ASPH) S–30 LIRL
RWY 18: VASI(V2L)—GA 3.5° TCH 22´. Thld dsplcd 988´. Tree. Rgt tfc.
RWY 36: Trees.

SERVICE: **FUEL** 100LL, JET A, A+ **LGT** ACTIVATE LIRL Rwy 18–36 and VASI Rwy 18—CTAF.

AIRPORT REMARKS: Attended 15 MAY–14 OCT 1500–0300Z‡, 15 OCT–14 MAY 1600–0200Z‡. Flocks of waterfowl invof arpt. For NS ABTMT departing acft are urged to climb west of arpt prior to turning on course. Threshold lights located 148´ north of actual runway end. Segmented circle made of white tires.

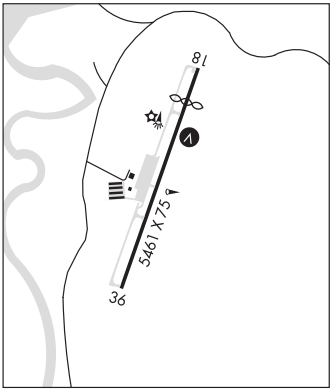
AIRPORT MANAGER: (541) 480-1688

WEATHER DATA SOURCES: AWOS–3PT 128.325 (541) 593–4623.

COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (MC MINNVILLE RADIO)
Ⓡ**SEATTLE CENTER APP/DEP CON** 126.15

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE RDM.
DESCHUTES (H) VORTACW 117.6 DSD Chan 123 N44°15.17´ W121°18.21´ 178° 23.5 NM to fld. 4103/18E.
VORTAC unusable:
220°–240° byd 30 NM



THE DALLES

COLUMBIA GORGE RGNL/THE DALLES MUNI (DLS)(KDLS) 2 NE UTC–8(–7DT) N45°37.16´ W121°10.10´
247 B NOTAM FILE DLS

SEATTLE
H–1B, L–13A
IAP

RWY 13–31: H5097X100 (ASPH) S–30, D–30 PCN 32 F/C/X/T MIRL 0.5% up SE
RWY 13: Thld dsplcd 200´. Trees.
RWY 31: REIL.

RWY 07–25: H4647X100 (ASPH) S–30, D–30 MIRL 0.7% up E
RWY 07: Thld dsplcd 440´. Trees.
RWY 25: Thld dsplcd 196´.

SERVICE: S4 **FUEL** 100LL, JET A1 **LGT** ACTIVATE MIRL Rwy 13–31, Rwy 07–25 and REIL Rwy 31–CTAF. REIL opr on 7 clicks only.

AIRPORT REMARKS: Attended 1600–0200Z‡. Waterfowl on and inovf arpt. PPR for overweight ldgs. Mountains byd 5000´ apch Rwy 31. Arpt physically located in state of Washington.

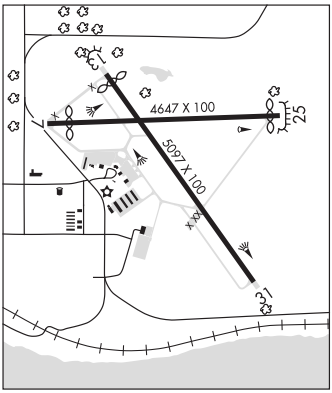
AIRPORT MANAGER: 509-767-2272

WEATHER DATA SOURCES: ASOS 135.175 (509) 767–1726.

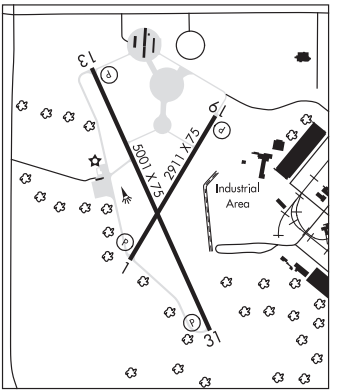
COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.
KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.82´ W121°06.05´ 186° 6.3 NM to fld. 3220/21E.
ILS/DME 109.35 I–DLS Chan 30(Y) Rwy 25. LOC unusable byd 33° rgt of course. Unmonitored.



TILLAMOOK (TMK)(KTMK) 3 S UTC–8(–7DT) N45°25.10´ W123°48.86´ **SEATTLE**
39 B NOTAM FILE TMK **H–1B, L–1C**
RWY 13–31: H5001X75 (ASPH) S–60, D–75, 2D–125 MIRL **IAP**
0.4% up SE
RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 42´. Trees.
RWY 31: PAPI(P2L)—GA 3.5° TCH 40´. Tree.
RWY 01–19: H2911X75 (ASPH) S–40, D–46, 2D–67 MIRL
RWY 01: PAPI(P2L)—GA 4.0° TCH 45´.
RWY 19: PAPI(P2L)—GA 3.0° TCH 40´. Rgt tfc.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 13; MIRL Rwy 13–31 and Rwy 01–19—CTAF. PAPI Rwys 13 and 31 and Rwys 01 and 19 oper cont.
AIRPORT REMARKS: Attended 1700–0100Z‡. Ultralight acft on and invof arpt. Ocnl flocks of birds on or near arpt. Rwy 01 markings fading and chipping. Rwy 19 markings fading and chipping. Rwy 13 nrs faded.
AIRPORT MANAGER: 503-842-2413
WEATHER DATA SOURCES: AWOS–3 120.0 (503) 842–8792.
COMMUNICATIONS: CTAF/UNICOM 122.8
SEATTLE CENTER APP/DEP CON 124.2
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MMV.
NEWBERG (H) VORW/DME 117.4 UBG Chan 121 N45°21.19´ W122°58.69´ 256° 35.6 NM to fld. 1443/21E.



TOKETEE STATE (See CLEARWATER on page 137)

TOLEDO STATE (5S4) 1 SW UTC–8(–7DT) N44°36.06´ W123°56.38´ **SEATTLE**
12 NOTAM FILE MMV
RWY 13–31: H1750X40 (ASPH)
RWY 13: Trees.
RWY 31: Trees.
AIRPORT REMARKS: Unattended. Numerous deer and waterfowl invof of arpt. Owner advises ctc with Department of Aviation 503–378–4880 prior to use. Trees in transition area. Curve apch path from over water to avoid obst in transitional areas. Unpaved ramp and twy. Rwy may be under water during high tides. Ocnl driftwood may be on rwy following flooding. +20´ trees in transitional sfc at 50´–75´ from rwy edge.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

TURNO N44°50.85´ W122°57.06´ NOTAM FILE SLE. **SEATTLE**
NDB (MHW) 266 SL 312° 4.3 NM to Mcnary Fld. 63/17E.

VALE

MILLER MEM AIRPARK (S49) 1 SW UTC–7(–6DT) N43°57.83´ W117°15.56´ **KLAMATH FALLS**
2249 B NOTAM FILE MMV
RWY 18–36: H3872X65 (ASPH) LIRL
RWY 18: Thld dsplcd 880´. Road.
RWY 36: Thld dsplcd 125´. Tree.
RWY 10–28: 2100X40 (GRVL–DIRT)
RWY 10: Berm.
RWY 28: Tree.
SERVICE: **LGT** ACTIVATE LIRL Rwy 18–36—CTAF.
AIRPORT REMARKS: Unattended. Rwy 18 has a 660´ grvl ovrn. Rwy 36 has very rough grvl extn. Rwy lgtg obscured by vegetation.
AIRPORT MANAGER: 541-212-1881
COMMUNICATIONS: CTAF/UNICOM 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

VALLEY VIEW (See ESTACADA on page 141)

VANCOUVER N45°41.92´ W122°55.52´ **SEATTLE**
RCO 122.35 (SEATTLE RADIO) **L–1C**

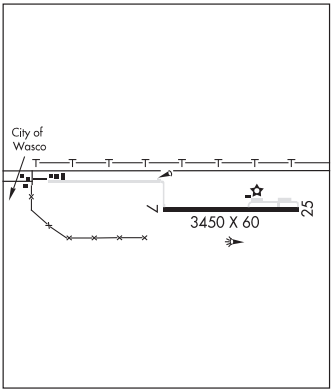
VERNONIA MUNI (Ø5S) 2 W UTC–8(–7DT) N45º51.13´ W123º14.57´ **SEATTLE**
650 NOTAM FILE MMV
RWY 09–27: 2940X45 (TURF)
RWY 09: Fence. Rgt tfc.
RWY 27: Hill.
AIRPORT REMARKS: Unattended. Hangars 100´ rgt of cntrln on AER 27. Rwy 09, 4´ fence at rwy end marked by orange pylons. Rwy 27 10´ road 10´ from rwy end. Deer and elk on and in vicinity of airport. Rwy 09–27 rwy edge marked with white mats.
AIRPORT MANAGER: 503-429-1562
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

WAKONDA BEACH STATE (See WALDPORT on page 173)

WALDPORT

WAKONDA BEACH STATE (R33) 3 S UTC–8(–7DT) N44º23.07´ W124º05.11´ **KLAMATH FALLS**
41 NOTAM FILE MMV
RWY 16–34: 2000X30 (TURF)
RWY 16: Road.
RWY 34: Trees.
AIRPORT REMARKS: Unattended. Owner advises ctc Oregon Dept of Aviation 503–378–4880 prior to use. Ldg to the south and tkf to the north not recommended. Rwy sfc may be soft after extv winter rains. Many 10–35´ trees at 30–250´ from rwy end both sides of centerline in apch area. Numerous other 2–6´ trees within 50´ of rwy end both sides of centerline. Rwy 34 curve apch from southwest to avoid high terrain and trees rgt at 800´. Rwy 34 has rising terrain and ditch 7´ wide and 2´ deep at 10´ from thld. Rwy 16 has a road, +30´ trees, and a p–line across the apch path within 50´ of rwy end. 15´ trees at 175´ from Rwy 34 on cntrln. +30´ trees at 70–90´ from rwy along both sides. . Rwy 16–34 white tires mark rwy ends.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

WASCO STATE (35S) 1 E UTC–8(–7DT) N45º35.35´ W120º40.44´ **SEATTLE**
1503 B NOTAM FILE MMV **L–13A**
RWY 07–25: H3450X60 (ASPH) S–12.5 MIRL 1.5% up E
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended. Surface conditions not reported. Extv AG sprayer ops, dur spring and summer.
AIRPORT MANAGER: 503-378-4880
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.
KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45º42.82´ W121º06.05´ 091º 19.5 NM to fld. 3220/21E.



WILDHORSE N43º35.59´ W118º57.30´ NOTAM FILE BNO. **KLAMATH FALLS**
(H) VORW/DME 114.55 ILR Chan 92(Y) at Burns Muni. 4146/18E. **L–11A**

ABBOTSFORD BC (CYXX) 2 SW UTC–8(–7DT) N49°01.52´ W122°21.60´ **SEATTLE**
194 B AOE NOTAM FILE CYXX Not insp. **H–1B, L–1E**
RWY 07–25: H9597X200 (ASPH) HIRL
RWY 07: SSALR. REIL. Rgt tfc.
RWY 25: ODALS. REIL. PAPI(P4L)—GA 3.0°. Thld dsplcd 295´.
RWY 01–19: H5328X200 (ASPH) MIRL
RWY 01: REIL. PAPI(P4L)—GA 3.0°. Rgt tfc.
RWY 19: REIL. PAPI(P4L)—GA 3.0°.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–5328 TODA–6178 ASDA–5328 LDA–5328
RWY 07: TORA–9597 TODA–10101 ASDA–9597 LDA–9597
RWY 19: TORA–5328 TODA–5854 ASDA–5328 LDA–5328
RWY 25: TORA–9597 TODA–10581 ASDA–9695 LDA–9302
SERVICE: S4 **FUEL** 100LL, JET A
AIRPORT REMARKS: Attended continuously. Fuel self-serve with credit card, 604-856-6260. ARFF svc avbl. Turbo–jet, turbo–fan, and turbo–prop not permitted from 0600–1500Z‡. All other ngt trng as authorized by arpt mgr. Parachute area aprx 5 NM NE of arpt. Prior ntc rqrd for cstms (1600–0800Z‡) call 888–226–7277. IFR trng flts PPR ctc 604–775–9674. Helicopter trng on infld. Numerous obst in helicopter trng areas. Oprs ltd winter maintenance 1430–0700Z‡. Other times 2 hrs prior ntc rqrd, call out charge. PPR dur winter maintenance exc scheduled ops, alternate or emerg, CRFI, PLR/PCN. Turf rwy clsd exc with prior permission and agreement plan with arpt mgr. Tall vehicles on road south of thld Rwy 01. Ltd parking and deicing dur winter ops, all wide body acft 24 hr prior ntc ctc ops 604–864–5544. Transit parking rstd to Apron 1. All other parking PPR ctc ops. Apron 1 north of Twy B, including Twy A, ltd to acft with wingspans of 118´ or less. PPR for larger acft. Twy D unctl east of blast fence. Turns from Twy A onto Twy C rstd to C–130 smaller (blast issue). Twy G uncontrolled. Rwy 01–19, Twy B, C, C1, and C4 not avbl for acft taxiing when visibility below ½ SM. Night ops must use PAPI. Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.
COMMUNICATIONS: ATIS 119.8 (1500–0700Z‡) 877–517–2847
ABBOTSFORD RADIO (CYXX) on arpt 122.5
VICTORIA TERMINAL APP/DEP CON 132.7
TOWER 119.4 (inner) 121.0 (outer) (1500–0700Z‡) Mandatory freq 119.4 (0700–1500Z‡ below 4500´ MSL)
GND CON 121.8 (1500–0700Z‡)
RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.
WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72´ W122°34.76´ 041° 9.9 NM to fld. 83/20E.
TACAN AZM unusable:
155°–165° byd 15 NM blo 6,000´
NDB (HW) 344 XX N49°00.93 W122°29.27 068° 4.3 NM to fld. /19E.
WHITEROCK NDB (MHW) 332 WC N49°00.20 W122°45.02 067° 14.7 NM to fld. /19E.
CULTUS NDB (HW) 214 LU N49°01.27 W122°02.98 252° 12.3 NM to fld.
ILS 109.7 I–IXX Rwy 07
COMM/NAV/WEATHER REMARKS: Local call to ABBOTSFORD FSS dial 604–852–2781. Pvt advsy svcs 877–270–2010. MF and advsy svc only provided over Canadian Territory.

AJ EISENBERG (See OAK HARBOR on page 204)

AMERICAN LAKE SPB (See LAKEWOOD on page 197)

ANACORTES

ANACORTES (74S) 2 W UTC–8(–7DT) N48°29.91´ W122°39.75´ **SEATTLE**
241 B LRA NOTAM FILE SEA **L–1E**

RWY 18–36: H3015X60 (ASPH–GRVD) S–12.5 MIRL 0.3% up S
RWY 18: REIL. PAPI(P4R)—GA 3.0° TCH 40´. Tree. Rgt tfc.
RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40´. Trees.

SERVICE: **FUEL** 100, JET A **LGT** ACTIVATE MIRL and REIL Rwy 18 and Rwy 36—CTAF.

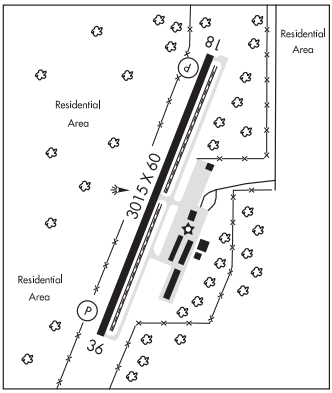
AIRPORT REMARKS: Unattended. Mil arr corridor north and west of arpt. No touch and go ldgs. NS ABTMT procedures in effect, ctc arpt mgr 360–293–3134. Rwy 36 preferred calm wind rwy.

AIRPORT MANAGER: 360-293-3134

COMMUNICATIONS: CTAF 128.25

CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.
WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72´ W122°34.76´ 167° 27.0 NM to fld. 82/20E.
TACAN AZIMUTH unusable:
155°–165° byd 15 NM blo 6,000´



SKYLINE SPB (21H) 3 W UTC–8(–7DT) N48°28.99´ W122°41.08´ **SEATTLE**
00 LRA NOTAM FILE SEA

WATERWAY NW–SE: 5000X2500 (WATER)
WATERWAY NW: Hill.
WATERWAY SE: Hill.

SEAPLANE REMARKS: Attended Jun–Sep 1600–0100Z‡. Unattended Oct–May. Land to southeast. Mil arrival corridor north and west of arpt. Coord with mgr prior to arr.

AIRPORT MANAGER: (360) 293-5134

COMMUNICATIONS: CTAF 128.25

CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

ANATONE

ROGERSBURG (D69) 8 SE UTC–8(–7DT) N46°04.45´ W116°57.89´ **SEATTLE**
869 NOTAM FILE SEA

RWY 09–27: 1471X50 (TURF)

AIRPORT REMARKS: Unattended. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Arpt clsd 15 Nov–1 Mar exc emerg public safety/law enforcement helicopter ops. No mil ops during clsd periods exc emerg. Report all ldgs during clsd periods immediately. Rolling terrain on both sides of airport. Pedestrians, vehicles, or animals on or invof rwy. No camping, fires, or parking for more than five acft at any time. Park acft within arpt limits only. Spill kit avbl. Rwy marked with reflectors during dates arpt is open.

AIRPORT MANAGER: (360) 618-2477

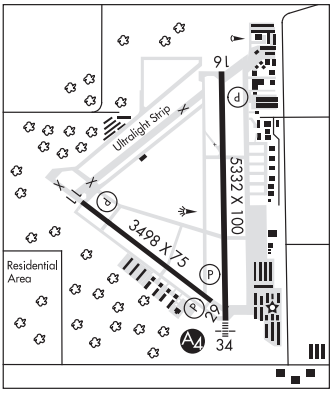
COMMUNICATIONS: CTAF 122.9

ANDERSON FLD (See BREWSTER on page 180)

APEX AIRPARK (See SILVERDALE on page 222)

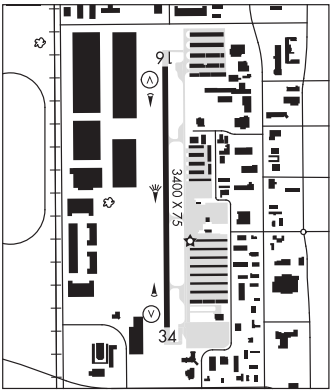
ARLINGTON MUNI (AWO)(KAWO) 3 SW UTC–8(–7DT) N48º09.65´ W122º09.54´ **SEATTLE**
142 B TPA—See Remarks NOTAM FILE AWO **H–1B, L–1E**
IAP

RWY 16–34: H5332X100 (ASPH) S–114, D–150, 2S–175, 2D–270
MIRL
RWY 16: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Tree. Rgt tfc.
RWY 34: MALS. PAPI(P2L)—GA 3.0º TCH 46´.
RWY 11–29: H3498X75 (ASPH) S–32, D–34, 2D–59
RWY 11: REIL. PAPI(P2L)—GA 3.5º TCH 42´. Rgt tfc.
RWY 29: REIL. PAPI(P2L)—GA 4.0º TCH 40´. Tree.



SERVICE: S4 **FUEL** 100LL, JET A **LGT** PAPI Rwy 11, Rwy 16, Rwy 29 and Rwy 34 opr 24 hrs. REIL Rwy 11, Rwy 16 and Rwy 29 opr dusk to dawn. ACTIVATE MALS Rwy 34—122.725.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡. Fuel, phone 360–435–5700 for after hrs svc. 100LL fuel avbl 24 hr credit card svc. Alternate phone number for arpt: 360–403–3470. Winter wx ops and reporting Monday–Fri 1600–0100Z‡. Wildlife on and invof arpt. Rwy 34 calm wind rwy. Glider ops at arpt daily. Ultralight and powered parachute ops daily west of Rwy 16–34. Occasional hot air balloon activity. TPA—1200(1058). TPA for ultralights 542(400), helicopters 642(500). For additional details and rules on local procedures, visit http://www.arlingtonwa.gov/trafficpatterns.
AIRPORT MANAGER: 360-403-3474
WEATHER DATA SOURCES: AWOS–3PT 135.625 (360) 435–8045.
COMMUNICATIONS: CTAF 122.725
Ⓡ**SEATTLE APP/DEP CON** 128.5
CLNC DEL 121.725
GCO 121.725 FOR SEA APCH/CD 2 CLICKS; WX 4 CLICKS, ARPT OPS 6 CLICKS, 911(EMERG) 8 CLICKS)
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4722.
RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.
PAINE (L) VORW/DME 110.6 PAE Chan 43 N47º55.19´ W122º16.67´ 358º 15.2 NM to fld. 669/20E.
WATON NDB (LOMW) 382 AW N48º04.57´ W122º09.23´ 342º 5.1 NM to fld. 65/16E. NOTAM FILE AWO.
LOC 111.5 I–AWO Rwy 34. LOM WATON NDB. LOC unmonitored cont.

AUBURN MUNI (S5Ø) 2 N UTC–8(–7DT) N47°19.66´ W122°13.60´ **SEATTLE**
63 B NOTAM FILE SEA **L–1D**
RWY 16–34: H3400X75 (ASPH) S–12.5 MIRL **IAP, AD**
RWY 16: REIL. VASI(V4R)—GA 4.5° TCH 60´. Bldg. Rgt tfc.
RWY 34: REIL. VASI(V4L)—GA 4.0° TCH 53´. Parking lot lights..



SERVICE: S4 **FUEL** 100LL **OX** 2, 4 **LGT** ACTVT REIL Rwys 16 and 34 7 clicks; MIRL Rwy 16–34—CTAF. VASI Rwy 16 and Rwy 34 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡. Fuel 24 hrs credit card self svc. Ultralights prohibited. Plan apchs and departures to avoid extremely noise sensitive residential area east of the arpt. Be alert, wildlife on and invof arpt, birds present dawn and dusk, winter wx ops and report Mon–Fri 1600–0100Z‡. Rwy 34 calm wind rwy. No loitering on rwy when 2 or more acft are prsnt in the tfc pat. Pilots bring own tiedowns.
AIRPORT MANAGER: (253) 333-6821
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SEATTLE APP/DEP CON** 123.85
CLNC DEL 123.85
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47°26.12´ W122°18.58´ 133° 7.3 NM to fld. 348/19E.
VOR unusable:
008°–023° byd 20 NM blo 3,500´
008°–023° byd 30 NM blo 4,100´
233°–273° byd 20 NM blo 8,000´
233°–273° byd 30 NM blo 10,000´
233°–273° byd 35 NM blo 11,000´
233°–273° byd 8 NM blo 5,500´
303°–333° byd 20 NM blo 2,900´
303°–333° byd 30 NM blo 4,000´
333°–353° byd 15 NM blo 3,500´
353°–008° byd 20 NM blo 2,900´
DME unusable:
008°–028° byd 20 NM blo 4,500´
008°–028° byd 30 NM blo 7,000´
203°–219° byd 27 NM
220°–225° byd 20 NM
226°–239° byd 27 NM
240°–253° byd 15 NM
303°–008° byd 30 NM blo 3,500´
TACAN AZIMUTH unusable:
008°–163°
303°–008° byd 30 NM blo 3,500´

AULT FLD (See WHIDBEY ISLAND NAS (AULT FLD) on page 234)

AVEY FLD (See LAURIER on page 198)

BADGER MOUNTAIN N47°35.29´ W120°08.60´ **SEATTLE**
RCO 122.3 (SEATTLE RADIO) **L–1D, 9A**

BANDERA STATE (4WØ) 0 W UTC–8(–7DT) N47°23.72´ W121°32.19´ **SEATTLE**
1636 NOTAM FILE SEA
RWY 08–26: 2344X100 (TURF)
RWY 08: Trees.
RWY 26: Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Oct–1 June exc for apvd mil and public safety/law enforcement helicopter ops. Rwy 08–26 west end extremely rough, rwy soft when wet. Vehicles, pedestrians and animals on and invof rwy. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Rwy marked with reflectors dur dates arpt is open.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4722.

BATTLE GROUND

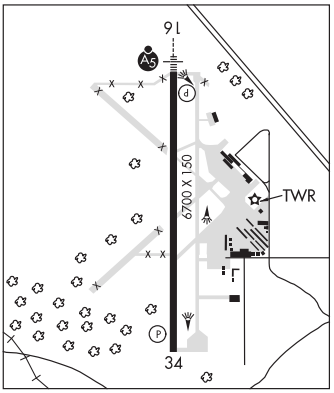
CEDARS NORTH (W58) 1 NW UTC–8(–7DT) N45°45.87´ W122°30.91´ **SEATTLE**
275 NOTAM FILE SEA
RWY 08–26: 1960X50 (TURF)
RWY 08: Trees.
RWY 26: Trees.
AIRPORT REMARKS: Unattended. Birds on and invof arpt. Rwy edges marked with white cones. Rwy 08 5´ fence posts, 84´ from thld. Rwy and twy soft in winter.
AIRPORT MANAGER: 360-687-8234
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

GOHEEN (W52) 3 NW UTC–8(–7DT) N45°49.61´ W122°34.61´ **SEATTLE**
292 NOTAM FILE SEA
RWY 15–33: 2565X50 (TURF) LIRL
RWY 15: VASI(NSTD). Trees.
RWY 33: P–line.
RWY 07–25: 1500X48 (TURF)
RWY 07: Tree.
RWY 25: Tree.
SERVICE: S4 **LGT** Rwy 15 NSTD VASI, NSTD single lgt VASI both sides of rwy. ACTIVATE LIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended continuously. Rwy 07–25 for emerg only. Rwy 15–33 width of 43´ over culvert in center of fld. Rwy 15–33 sfc uneven with an incline. Rwy 25 6´ fence, 16´ from rwy end.
AIRPORT MANAGER: 360-687-3038
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

BATTLE GROUND N45°44.87´ W122°35.49´ NOTAM FILE PDX. **SEATTLE**
(H) VORTACW 116.6 BTG Chan 113 179° 8.1 NM to Pearson Fld. 253/21E. **H–1B, L–1C**
TACAN AZIMUTH & DME unusable:
035°–085° byd 35 NM blo 10,000´

BELLINGHAM

BELLINGHAM INTL (BLI)(KBLI) 3 NW UTC–8(–7DT) N48°47.56´ W122°32.25´ **SEATTLE**
171 B TPA—See Remarks AOE LRA Class I, ARFF Index B NOTAM FILE BLI **H–1B, L–1E**
RWY 16–34: H6700X150 (ASPH–GRVD) S–75, D–160, 2S–175, 2D–250 **IAP, AD**
PCN 57 F/A/W/T HIRL
RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 50´. RVR–T Rgt tfc.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50´. RVR–R
RUNWAY DECLARED DISTANCE INFORMATION
RWY 16: TORA–6700 TODA–6700 ASDA–6700 LDA–6700
RWY 34: TORA–6700 TODA–6700 ASDA–6700 LDA–6700



SERVICE: S7 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE HIRL Rwy 16–34, MALSR Rwy 16 and REIL Rwy 34—CTAF.
AIRPORT REMARKS: Attended continuously. Birds and coyotes on and invof arpt movement areas. PPR for unscheduled air carrier ops with more than 30 pax seats ctc ops at 360–739–1944. Twy A btn Twy E and Twy F clsd to acft winspan more than 118´. Portions of Twy A at Twy G and Twy J not vsbl from twr. Air carrier ops use Twy A, Twy B, Twy C, Twy D West of Twy E, Twy E, Twy F West of Twy A, Twy G, and Twy H. Coml ramp clsd to pvt acft. NS ABTMT procedures in effect ctc ops at 360–739–1944 or at www.flybli.com/noise. TPA—1200 (1030) fixed wing, 700(530) helicopter, 2000(1830) turbo. Ldg fee over 7,500 lbs. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (360) 676-2500
WEATHER DATA SOURCES: ASOS (360) 671–8688
COMMUNICATIONS: CTAF 124.9 **ATIS** 134.45 360–647–5939 **UNICOM** 122.95
RCO 122.15 (SEATTLE RADIO)
Ⓡ**VICTORIA TERMINAL APP/DEP CON** 132.7
TOWER 124.9 (1500–0630Z‡) **GND CON** 127.4
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Victoria trml on 133.95 or at 604-586-4561.
AIRSPACE: CLASS D svc 1500–0630Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.
WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72´ W122°34.76´ 150° 9.3 NM to fld. 82/20E.
TACAN AZIMUTH unusable:
155°–165° byd 15 NM blo 6,000´
ILS/DME 108.5 I–BLI Chan 22 Rwy 16. Class IA. ILS DME unusable beyond 30° left of course.

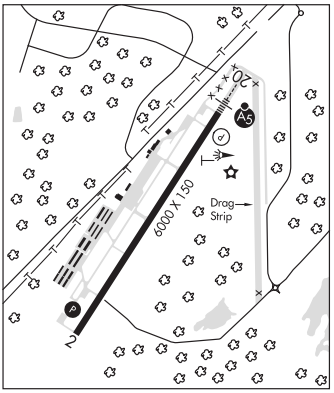
FLOATHAVEN SPB (ØW7) 6 SE UTC–8(–7DT) N48°44.14´ W122°20.40´ **SEATTLE**
307 NOTAM FILE SEA
WATERWAY 12W–30W: 10000X4000 (WATER)
SERVICE: S4
SEAPLANE REMARKS: Attended dalgt hrs. Canoe, sailboat, drone and hang glider activity invof arpt. For airframe repairs call 206–909–7299 prior to arrival to arrange svcs. Land and tkf in the center of the lake. Avoid flying over noise sensitive area during tkf and ldg.
AIRPORT MANAGER: 206-909-7299
COMMUNICATIONS: CTAF 122.9
VICTORIA TERMINAL APP/DEP CON 132.7 290.8 604–586–4560

BOEING FLD/KING CO INTL (See SEATTLE on page 218)

BOWERMAN (See HOQUIAM on page 194)

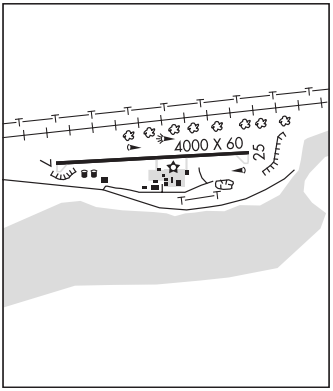
BOWERS FLD (See ELLENSBURG on page 188)

BREMERTON NTL (PWT)(KPWT) 7 SW UTC–8(–7DT) N47°29.42´ W122°45.89´ **SEATTLE**
444 B NOTAM FILE PWT **H–1B, L–1D**
RWY 02–20: H6000X150 (ASPH–GRVD) S–66, D–150, 2D–336 HIRL **IAP**
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 43´. Rgt tfc.
RWY 20: MALSR. PAPI(P4L)—GA 2.83° TCH 50´. Fence.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt MALSR Rwy 20; REIL Rwy 02; PAPI Rwy 02—CTAF. PAPI Rwy 20 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 1600–0030Z‡. 24 hr fuel terminal 300´ wsw of Twy E, only for 100LL. Fence crosses north end of abandoned rwy. Winter weather ops and reporting Mon–Fri 1600–0030Z‡. Pilots must prvd tiedowns.
AIRPORT MANAGER: (360) 813-0828
WEATHER DATA SOURCES: AWOS–3PT 121.2 (360) 674–2811.
COMMUNICATIONS: CTAF/UNICOM 123.05
Ⓡ**SEATTLE APP/DEP CON** 127.1
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.
AIRSPACE: CLASS E svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30´ W122°54.11´ 351° 31.6 NM to fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223°–258° byd 20 NM blo 4,100´
258°–283° byd 30 NM blo 4,100´
358°–043° byd 10 NM blo 6,000´
358°–043° byd 20 NM blo 7,000´
ILS 111.1 I–PWT Rwy 20. Class IA. Unmonitored.



BREWSTER

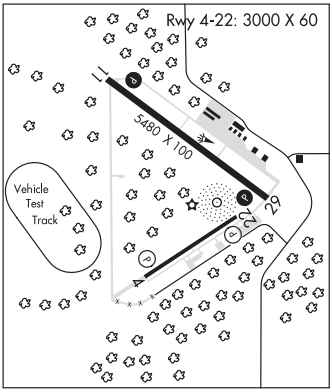
ANDERSON FLD (S97) 3 E UTC–8(–7DT) N48°06.28´ W119°43.19´ **SEATTLE**
920 B NOTAM FILE SEA **L–13A**
RWY 07–25: H4000X60 (ASPH) S–15 MIRL
RWY 07: Trees.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25—CTAF. Twy lgts on center twy only.
AIRPORT REMARKS: Unattended. Wind indicator lit in non–daylight hrs. Pilots provide tie down ropes.
AIRPORT MANAGER: (509) 689-3464
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47°12.65´ W119°19.01´ 325° 56.1 NM to fld. 1193/18E.



BUCKHORN MTN N46°32.49´ W123°01.28´ **SEATTLE**
RCO 122.2 (SEATTLE RADIO) **L–1C**

BURLINGTON/MOUNT VERNON

SKAGIT RGNL (BVS)(KBVS) 3 W UTC–8(–7DT) N48°28.23´ W122°25.30´ **SEATTLE**
145 B TPA—See Remarks NOTAM FILE BVS **H–1B, L–1E**
RWY 11–29: H5480X100 (ASPH) S–19 MIRL 0.8% up W **IAP**
RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 43´.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 42´.
RWY 04–22: H3000X60 (ASPH) S–12.5 LIRL 0.3% up NE
RWY 04: PAPI(P2L)—GA 4.0° TCH 43´.
RWY 22: PAPI(P2L)—GA 3.0° TCH 44´.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 3, 4 **LGT** ACTIVATE MIRL Rwy 11–29 and LIRL Rwy 04–22, PAPI Rwy 11 and Rwy 29 and REIL Rwy 11 and Rwy 29—CTAF. PAPI Rwy 04 and Rwy 22 opr continuously.
AIRPORT REMARKS: Attended 1500–0300Z‡. Terminal building open 1500–0300Z‡. After hours, access avbl to pilots. Terminal and apron adj to terminal free pilot access Wifi. Migratory waterfowl and birds on and invof arpt. Helicopter training ops on arpt with autorotations on rwy. Possible turbulence invof exhaust stacks 3,500´ southwest of Rwy 04, avoid low alt over flt. Use of Twy B by acft with wingspan 49´ or greater prohibited when Rwy 04–22 in use. TPA–1145(1000) Ultralight TPA–645(500). Rwy 04–22 has wdspr, opn, unsealed cracks and joints. Rwy 04 and Rwy 22 markings faded. U.S. Cust svc avbl for intl arr. Ck Port of Skagit website for req for svc instr, www.portofskagit.com. Avbl seve days a week, per apvl. Usage fees apply.
AIRPORT MANAGER: 360-757-0011
WEATHER DATA SOURCES: AWOS–3 121.125 (360) 757–7767.
COMMUNICATIONS: CTAF/UNICOM 123.075
Ⓡ**WHIDBEY APP/DEP CON** 120.7
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48°17.99´ W124°37.62´ 061° 88.8 NM to fld. 1650/22E.
SKAGIT/BAY VIEW NDB (MHW) 240 BVS N48°28.12´ W122°25.10´ at fld. 98/16E. NOTAM FILE BVS.
NDB unusable:
350°–030° byd 20 NM

CAMANO ISLAND AIRFIELD (See STANWOOD on page 226)

CAMAS

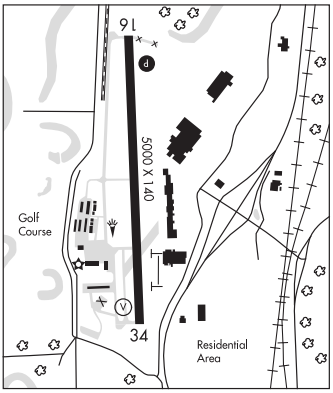
GROVE FLD (1W1) 3 N UTC–8(–7DT) N45°37.67´ W122°24.26´ **SEATTLE**
429 B TPA—1229(800) NOTAM FILE SEA
RWY 07–25: H2710X40 (ASPH) MIRL(NSTD)
RWY 07: Thld dsplcd 493´. Trees.
RWY 25: Thld dsplcd 413´. Trees.
SERVICE: **FUEL** 100 **LGT** Rwy 07–25 NSTD MIRL Rwy 07 and Rwy 25 dsplcd thlds unlighted. ACTIVATE rotating bcn and MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended. For fuel after hrs credit card lock. Noise abatement procedures in effect, ctc Port of Camas–Washougal at 360–835–2196. Rwy 07–25 has buildings, telephone poles and trees encroaching in safety areas.
AIRPORT MANAGER: 360-835-2196
COMMUNICATIONS: CTAF 122.9
PORTLAND CLNC DEL 121.65
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

CASHMERE–DRYDEN (8S2) 2 SW UTC–8(–7DT) N47°30.89´ W120°29.08´ **SEATTLE**
858 B NOTAM FILE SEA
RWY 07–25: H1800X50 (ASPH) S–8 MIRL 1.4% up W
RWY 07: Trees.
RWY 25: Thld dsplcd 144´. Trees.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25; bcn—121.7.
AIRPORT REMARKS: Unattended. Ground vehicles and pedestrians use twy for hangar access. Exit rwy at twys only. Radio control model activity permitted on W end of arpt.
AIRPORT MANAGER: (509) 782-3321
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

CEDARS NORTH (See BATTLE GROUND on page 178)

CHEHALIS–CENTRALIA (CLS)(KCLS) 1 W UTC–8(–7DT) N46°40.62´ W122°58.97´ **SEATTLE**
177 B NOTAM FILE SEA **H–1B, L–1C**
IAP

RWY 16–34: H5000X140 (CONC) S–30, D–30, 2D–85 MIRL
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 35´. Rgt tfc.
RWY 34: REIL. VASI(V2L)—GA 3.5° TCH 41´.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT REIL Rwy 16 and Rwy 34; PAPI Rwy 16; MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0100Z‡. Fuel avbl 24 hrs by credit card only. No debit cards. Possible wildlife on rwys. Weekend glider activity in spring, summer and early fall.
AIRPORT MANAGER: 360-748-1230
WEATHER DATA SOURCES: AWOS–3 118.025 (360) 740–5164.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SEATTLE APP CON** 121.1
SEATTLE CENTER DEP CON 124.2
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30´ W122°54.11´ 172° 18.0 NM to fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223°–258° byd 20 NM blo 4,100´
258°–283° byd 30 NM blo 4,100´
358°–043° byd 10 NM blo 6,000´
358°–043° byd 20 NM blo 7,000´

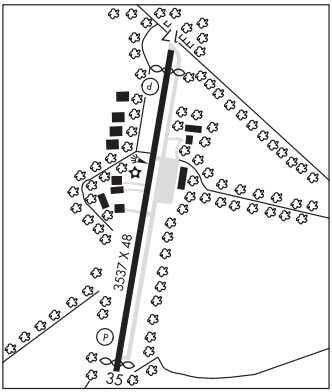
CHELAN

LAKE CHELAN (S1Ø) 3 NE UTC–8(–7DT) N47°51.96´ W119°56.56´ **SEATTLE**
1263 B NOTAM FILE SEA **L–13A**

RWY 02–20: H3506X60 (ASPH) S–12 MIRL 0.3% up N
RWY 02: Thld dsplcd 448´. Road. Rgt tfc.
RWY 20: PAPI(P2L). Thld dsplcd 199´.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 02–20 CTAF.
AIRPORT REMARKS: Attended continuously. Self–svc fuel avbl 24 hrs. Rwy 20 is preferred apch rwy. May through October parachute jumping activities on airfield.
AIRPORT MANAGER: 509-682-5976
COMMUNICATIONS: CTAF 122.9 **AUNICOM** 122.95
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 303° 36.1 NM to fld. 1250/21E.
VOR unusable:
310°–350° byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280°–295° byd 25 NM blo 7,000´
310°–350° byd 25 NM blo 6,500´

RIVERVIEW AIRPARK (9WA) 5 NE UTC–8(–7DT) N47°54.02´ W119°53.75´ **SEATTLE**
1210 NOTAM FILE SEA Not insp.
RWY 18–36: H1850X40 (ASPH)
RWY 18: Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt cond not monitored. Arpt clsd btn 1 Dec–1 Apr due to winter conds. Call 509–952–9153 for facility info or incident reports. CAUTION—Deer in the area.
AIRPORT MANAGER: (509) 952-9153
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EAT.
WENATCHEE (L) VORW/DME 111.0 EAT Chan 47 N47°23.98´ W120°12.65´ 008° 32.7 NM to fld. 1222/15E.
VOR unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM
DME unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM

CHEWELAH MUNI (1S9) NW UTC–8(–7DT) N48°18.84´ W117°44.61´ **SEATTLE**
2084 B NOTAM FILE SEA **L–13B**
RWY 17–35: H3537X48 (ASPH) MIRL
RWY 17: PAPI(P2R)—GA 4.0° TCH 63´. Thld dsplcd 230´. Tree. Rgt tfc.
RWY 35: PAPI(P2L)—GA 3.0°. Thld dsplcd 87´.
SERVICE: S2 **LGT** ACTIVATE MIRL Rwy 17–35—CTAF. PAPI Rwy 17 and Rwy 35 opr continuously.
AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt. Lodging and food avbl at arpt. All patterns to the west. Rwy 17–35 markings faded. Pilots bring own ropes.
AIRPORT MANAGER: (509) 936-0234
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 333° 45.2 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´



CLAYTON

CROSS WINDS (C72) 2 SE UTC–8(–7DT) N47°58.86´ W117°31.73´ **SEATTLE**
2150 TPA—See Remarks NOTAM FILE SEA
RWY 13L–31R: 3800X125 (DIRT)
RWY 13L: P–line.
RWY 31R: Thld dsplcd 170´. Road. Rgt tfc.
RWY 13R–31L: 2065X50 (DIRT)
RWY 13R: Fence. Rgt tfc.
RWY 31L: Road.
AIRPORT REMARKS: Unattended. Arpt currently clsd, open only to ski eqpt acft. Use care during high wind due to turbulence and crosswind. Rwy 13L–31R and Rwy 13R–31L not useable during heavy snow and spring mud. Rwy 13L–31R dirt is uneven and uncompacted. Rwy 13R–31L dirt is uneven and compacted. Rwy 13L–31R and Rwy 13R–31L rough with tall grass. Mole holes on rwys. Rwy 13R–31L ultralight rwy. Ultralight tfc on arpt. TPA—Ultralight—2650 (500).
AIRPORT MANAGER: (509) 671-3824
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522

CLE ELUM

CLE ELUM MUNI (S93) 1 E UTC–8(–7DT) N47°11.65´ W120°53.04´ **SEATTLE**
1945 B NOTAM FILE SEA
RWY 07–25: H2379X60 (ASPH) MIRL 0.3% up W
RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 20´. Rgt tfc.
RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 20´.
SERVICE: **LGT** PAPI Rwy 07 and Rwy 25 opr continuously. ACTIVATE rotating bcn, MIRL Rwy 07–25 and REIL Rwy 07 and Rwy 25—CTAF.
AIRPORT REMARKS: Unattended. Wildlife on and invof rwy. Gliders use CTAF freq 122.3.
AIRPORT MANAGER: 509-674-2262
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

DE VERE FLD (2W1) 3 E UTC–8(–7DT) N47°10.65´ W120°51.16´ **SEATTLE**
1800 NOTAM FILE SEA
RWY 08–26: H2055X30 (ASPH)
RWY 08: Trees. Rgt tfc.
RWY 26: Trees.
AIRPORT REMARKS: Attended dalgt hrs. Fld occasionally CLOSED in winter. Wildlife on and invof rwy. Rwy 08–26 has 2" dropoff along entire rwy both sides.
AIRPORT MANAGER: (509) 609-6938
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

COLFAX

LOWER GRANITE STATE (ØØW) 12 S UTC–8(–7DT) N46°40.37´ W117°26.50´ **SEATTLE**
719 NOTAM FILE SEA
RWY 14–32: 3400X50 (GRVL) 0.9% up SE
RWY 14: Trees.
RWY 32: Hill.
AIRPORT REMARKS: Unattended. Do not land if snow present on rwy. No winter snow removal ops. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Pedestrians, vehicles and animals on and invof rwy. Gravel portions of rwy sfc rough and soft. Rwy marked with reflectors dur dates arpt is open. Steep drop off on both sides of runway.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PORT OF WHITMAN BUSINESS AIR CENTER (S94) 3 SW UTC–8(–7DT) N46°51.52´ W117°24.84´ **SEATTLE**
2181 B TPA—3010(829) NOTAM FILE SEA **L–13B**
RWY 08–26: H3209X60 (ASPH) S–17 MIRL 1.0% up E
RWY 08: Thld dsplcd 492´. Road.
RWY 26: Thld dsplcd 450´. Hill.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–3209 TODA–3209 ASDA–3209 LDA–2718
RWY 26: TORA–3209 TODA–3209 ASDA–3209 LDA–2890
SERVICE: **LGT** ACTIVATE MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Attended May–Sept dawn–dusk, Oct–Apr, Mon–Fri dawn–dusk. Deer invof rwy. Watch for birds invof creek south of arpt. Rwy 08–26 farm machinery may be opr in flds on both sides of rwy and off both rwy ends. 30´ bldg 250´ south AER 26. Dense agricultural ops Feb–Oct.
AIRPORT MANAGER: 509-397-2061
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PUW.
PULLMAN (L) VORW/DME 109.0 PUW Chan 27 N46°40.45´ W117°13.41´ 305° 13.6 NM to fld. 2772/20E. DME unmonitored.

COLLEGE PLACE

MARTIN FLD (S95) 1 W UTC–8(–7DT) N46º02.82´ W118º25.03´ **SEATTLE**
746 NOTAM FILE SEA **L–13A**
RWY 05–23: H3819X60 (ASPH) S–12 LIRL(NSTD)
RWY 05: VASI(V2L).
RWY 23: VASI(V2R). Road.
SERVICE: S2 **FUEL** 100LL **LGT** Rwy 05–23 NSTD LIRL southwest 1240´ medium ints. Arpt lgtg opr from dusk until 1000Z‡. ACTIVATE NSTD LIRL Rwy 05–23 and VASI Rwy 05 and Rwy 23—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡. Call in advn 509–386–0000. 24 hr self svc credit card fueling facility. Gliders and other acft perform ops on turf btn Rwy 05–23 and twy. Overnight parking fee of $3.00. Pvt road crosses 700´ from southwest end of rwy. 2/3 of the rwy has wdspr, opn, unsealed cracks and joints, hi lvl of raveling and alligator cracking. Ldg fee.
AIRPORT MANAGER: 509-386-0000
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE ALW.
WALLA WALLA (L) VORW/DME 116.4 ALW Chan 111 N46º05.22´ W118º17.55´ 225º 5.7 NM to fld. 1150/20E.
VOR/DME unusable:
010º–065º byd 31 NM blo 12,500´
065º–095º byd 20 NM blo 14,500´
095º–140º byd 20 NM blo 13,500´
DME portion unusable:
140º–145º byd 20 NM blo 11,500´

COLVILLE MUNI (63S) 1 E UTC–8(–7DT) N48º32.65´ W117º53.01´ **SEATTLE**
1888 B NOTAM FILE SEA
RWY 01–19: H2695X40 (ASPH) S–11 MIRL
RWY 19: Tree.
SERVICE: **FUEL** 100LL **LGT** Dusk–dawn. ACTIVATE MIRL Rwy 01–19—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡. Watch for deer on and invof arpt. Rwy 19 dthr 255 ft. When ldg Rwy 19, bright lgts around high school stadium, aprx 3/4 miles south of arpt. Ocnl vehicular tfc across end of Rwy 01–19 and twy. Grass ldg area avbl across Rwy 01–19 1500´X150´. Hazards are 50´ obst on both ends, trees/poles. Apron and tiedown grvl; 3 asph paved transient tiedowns westside. Eastside tiedowns gravel. 2 car avbl.
AIRPORT MANAGER: 509-685-9056
WEATHER DATA SOURCES: AWOS–3 119.275 (509) 684–8994.
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

CONCRETE

MEARS FLD (3W5) 1 S UTC–8(–7DT) N48º31.79´ W121º45.49´ **SEATTLE**
267 NOTAM FILE SEA
RWY 07–25: H2609X60 (ASPH) S–12
RWY 07: Trees. Rgt tfc.
RWY 25: Trees.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Unattended. Elk and deer freq both rwy ends and mid–fld. All patterns south of arpt.
AIRPORT MANAGER: 425-322-8582
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

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HELIPAD H1: H40X40 (CONC)
HELIPORT REMARKS: Helipad for emerg use only.

COPALIS STATE (S16) 2 NW UTC–8(–7DT) N47º08.69´ W124º11.36´ **SEATTLE**
1 NOTAM FILE SEA
RWY 14–32: 3560X150 (SAND)
RWY 14: Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt CLOSED to vehicles Apr 15 thru the day after Labor Day. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Vehicles, pedestrians and animals on and invof rwy. River course change may alter rwy length. Stream crossing 1500´ south of Rwy 14 end.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

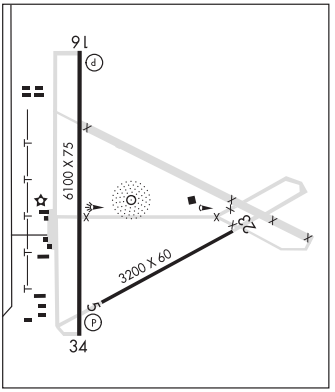
CROSS WINDS (See CLAYTON on page 183)

DARRINGTON MUNI (1S2) 0 N UTC–8(–7DT) N48°15.52´ W121°36.61´ **SEATTLE**
553 B NOTAM FILE SEA
RWY 10–28: H2491X40 (ASPH) MIRL
RWY 10: Trees.
RWY 28: Road.
SERVICE: **LGT** ACTVT MIRL Rwy 10–28—CTAF. Arpt bcn OTS.
AIRPORT REMARKS: Unattended. CLOSED when snow on rwy. Turbulence on hot days ldg west in trns east apch. Twys marked with blue reflectors.
AIRPORT MANAGER: 360-631-1928
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

DAVENPORT (68S) 1 W UTC–8(–7DT) N47°39.21´ W118°10.13´ **SEATTLE**
2427 B NOTAM FILE SEA
RWY 05–23: H2740X50 (ASPH) MIRL
RWY 23: Tree. Rgt tfc.
SERVICE: **FUEL** 100LL
AIRPORT REMARKS: Attended on call. Mon–Fri 8:00 am to 5:00 pm, call office number, 509–725–4352. After hours call 509–721–0069. Fuel 24 hr credit card svc avbl. Rwy 05–23 markings are faded. Pilots bring own ropes.
AIRPORT MANAGER: 509-725-4352
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522

DE VERE FLD (See CLE ELUM on page 184)

DEER PARK (DEW)(KDEW) 3 NE UTC–8(–7DT) N47°58.02´ W117°25.72´ **SEATTLE**
2211 B TPA—See Remarks NOTAM FILE DEW **H–1C, L–13B**
RWY 16–34: H6100X75 (ASPH) S–30, D–50 MIRL 0.4% up NW **IAP**
RWY 16: REIL. PAPI(P4L)—GA 3.5° TCH 38´. Trees.
RWY 34: REIL. PAPI(P4R)—GA 3.0° TCH 40´.
RWY 05–23: H3200X60 (ASPH) S–12.5 PCN 17 F/C/W/T
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 16 and Rwy 34; MIRL Rwy 16–34—CTAF. PAPI Rwy 16 and 34 opr continuously.
AIRPORT REMARKS: Attended Apr–Oct 1600–0100Z‡, Nov–Mar 1800–0000Z‡. 100LL and Jet A avbl 24 hrs credit card self svc facility. Call ahead for full svc, Jet A svc 509–276–3379. Rwy 05–23 heavy glider activity weekends. Model airplane activity on arpt. Farming opr active on land adjacent to rwys. Coyotes on and invof rwys. Monitor glider tfc on 123.3 abv 5000´ MSL. Glider pattern TPA 3211(1000). 175´ twr 2000´ west of Rwy 16–34. NS ABTMT procedures in effect ctc arpt mgr 509–276–3379. Rwy 16 preferred calm wind rwy.
AIRPORT MANAGER: 509-276-3379
WEATHER DATA SOURCES: ASOS 135.175 (509) 276–2303.
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ**SPOKANE APP/DEP CON** 123.75
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 357° 25.4 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´
NDB (MHW) 365 DPY N47°58.07´ W117°25.58´ at fld. 2194/16E. NOTAM FILE DEW. NDB unmonitored.



DESERT AIRE RGNL (See MATTAWA on page 200)

DOROTHY SCOTT (See OROVILLE on page 207)

EASTON STATE (ESW)(KESW) 2 N UTC–8(–7DT) N47°15.25´ W121°11.13´ **SEATTLE**
2226 NOTAM FILE SEA
RWY 09–27: 2640X100 (TURF) LIRL 0.5% up W
RWY 09: Trees.
RWY 27: Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED Oct 1 thru Jun 1 exc for approved military and public safety/law enforcement helicopter ops. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Wind cone mounted on 50´ self supporting twr. Vehicles, pedestrians, or wildlife on and invof rwy. LIRL opr dusk to dawn during dates arpt is open.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

EASTSOUND

ORCAS ISLAND (ORS)(KORS) 1 N UTC–8(–7DT) N48°42.50´ W122°54.64´ **SEATTLE**
35 B TPA—1035(1000) NOTAM FILE ORS **L–1E**
RWY 16–34: H2901X60 (ASPH–AFSC) S–12.5 MIRL 0.8% up S **IAP**
RWY 16: REIL. PAPI(P4R)—GA 3.48° TCH 35´. Road.
RWY 34: REIL. PAPI(P2L)—GA 4.0° TCH 26´. Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 16 and Rwy 34; PAPI Rwy 16; MIRL Rwy 16–34: twy lgts—CTAF. REIL Rwy 16 and Rwy 34 on photocell and not avbl durg dalgt.
AIRPORT REMARKS: Attended 1600–0030Z‡. Self svc 24 hr fuel avbl with credit card. Deer on and invof rwy. NS ABTMT procedures in effect, ctc arpt manager 360–376–5285. Preferred Rwy 16 in calm wind cond. Nighttime circling apchs not permitted from west side of rwy. Additional tran turf tiedowns south of segmented circle. PAPI baffled west of centerline, lateral coverage has been narrowed to avoid obstacles, during decent close alignment to rwy centerline is necessary. Ldg on grass sfc prohibited.
AIRPORT MANAGER: 360-376-5285
WEATHER DATA SOURCES: AWOS–3 135.425 (360) 376–6045.
COMMUNICATIONS: CTAF 128.25
MT CONSTITUTION RCO 122.3 (SEATTLE RADIO)
WHIDBEY APP/DEP CON 118.2 (ARR and DEP to the South)
VICTORIA TERMINAL APP/DEP CON 132.7 (ARR and DEP to the North)
CLEARANCE DELIVERY PHONE: For CD for dep from rwy 16/34, ctc Victoria trml on 133.95 or at 604-586-4561.
RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.
WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72´ W122°34.76´ 203° 19.4 NM to fld. 82/20E.
TACAN AZIMUTH unusable:
155°–165° byd 15 NM blo 6,000´

EATONVILLE

SWANSON (2W3) 1 NE UTC–8(–7DT) N46°52.30´ W122°15.43´ **SEATTLE**
843 TPA—1643(800) NOTAM FILE SEA
RWY 16–34: H2990X36 (ASPH) MIRL
RWY 16: Trees. Rgt tfc.
RWY 34: Ground.
SERVICE: **LGT** Arpt lgts opr dusk–0800Z‡. After 0800Z‡, ACTIVATE MIRL Rwy 16–34—CTAF.
AIRPORT REMARKS: Attended 1600–0400Z‡. Deer on and in vicinity of arpt. Bldgs are in close proximity to rwy. Gravel svc road around Rwy 16–34 not avbl for acft ops. Taxi on rwy. Rwy 16–34 trees in apch and transitional sfcs both sides of rwy. Restrooms and bicycles avbl at Trinity Aviation Academy.
AIRPORT MANAGER: (253) 888-0929
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

ED CARLSON MEM FLD – SOUTH LEWIS CO (See TOLEDO on page 229)

EDIZ HOOK N48°08.39´ W123°24.20´ NOTAM FILE SEA. **SEATTLE**
NDB (MHW) 338 NOW at Port Angeles Cgas. 6/17E. **L–1E**
NDB unusable:
120°–190° byd 10 NM
190°–120° byd 15 NM

ELECTRIC CITY

GRAND COULEE DAM (3W7) 2 SW UTC–8(–7DT) N47°55.32´ W119°04.98´ **SEATTLE**
1593 B NOTAM FILE SEA **L–13A**

RWY 04–22: H4203X75 (ASPH) S–26 MIRL
RWY 04: Hill.
RWY 22: Ground. Rgt tfc.

SERVICE: **LGT** ACTIVATE MIRL Rwy 04–22—CTAF.

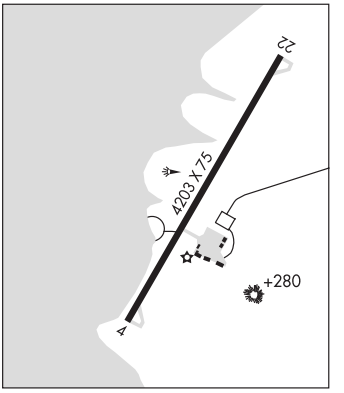
AIRPORT REMARKS: Unattended. Geese and other wildlife invof runway.

AIRPORT MANAGER: 509-633-1319

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AID TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 002° 35.5 NM to fld. 1250/21E.
VOR unusable:
310°–350° byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280°–295° byd 25 NM blo 7,000´
310°–350° byd 25 NM blo 6,500´



ELLENSBURG

BOWERS FLD (ELN)(KELN) 2 N UTC–8(–7DT) N47°02.09´ W120°31.73´ **SEATTLE**
1763 B TPA—2597(834) NOTAM FILE ELN **H–1C, L–13A**
RWY 11–29: H4300X150 (CONC) S–35, D–57, 2D–100 MIRL **IAP**
0.4% up NW
RWY 29: PAPI(P4R)—GA 3.0° TCH 40´.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 11–29—CTAF.

AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. 100LL and Jet A self svc fuel avbl with credit card. FS Jet A avbl upon req. Dist to go mkrs N side of Rwy 11–29. Rwy 11–29 has 1,460´ stopway NW end. Twys Alpha, Charlie, Echo clsd. Extv flt trng at or blo 7,500´ within 10 NM of ELN (mnt 123.0).

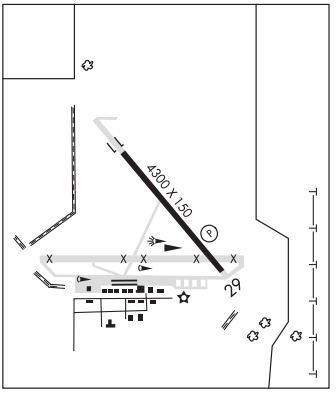
AIRPORT MANAGER: 509-962-7523

WEATHER DATA SOURCES: ASOS 118.375 (509) 925–2040.

COMMUNICATIONS: CTAF/UNICOM 123.0
ELLENSBURG RCO 122.2 (SEATTLE RADIO)
SEATTLE CENTER APP/DEP CON 132.6

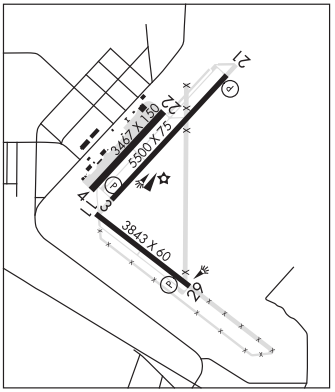
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE ELN.
ELLENSBURG (H) VORW/DME 117.9 ELN Chan 126 N47°01.46´ W120°27.50´ 261° 3.0 NM to fld. 1771/21E.
VOR portion unusable:
025°–040° byd 25 NM
040°–065° byd 34 NM
065°–075° byd 34 NM blo 18,000´
075°–080° byd 34 NM
090°–158° byd 10 NM
158°–163° byd 27 NM
163°–248° byd 33 NM
248°–268° byd 33 NM blo 10,000´
300°–350° byd 25 NM
350°–025° byd 25 NM blo 18,000´
DME portion unusable:
025°–070° byd 21.0NM
070°–090° byd 34.0NM
090°–158° byd 10.0NM
158°–163° byd 27.0NM
163°–268° byd 33.0NM
300°–350° byd 21.0NM
350°–025° byd 15.0NM



ELWHA N48º09.01´ W123º40.22´ NOTAM FILE CLM. **SEATTLE**
NDB (MHW/LOM) 515 CL 089º 7.1 NM to William R Fairchild Intl. 1096/16E. **L–1E**
NDB unusable:
100º–235º byd 12 NM

EPHRATA MUNI (EPH)(KEPH) 2 SE UTC–8(–7DT) N47º18.48´ W119º31.01´ **SEATTLE**
1276 B NOTAM FILE EPH MON Airport **H–1C, L–13A**
RWY 03–21: H5500X75 (ASPH) S–30, D–60, 2S–114 MIRL **IAP**
RWY 03: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Ground. Rgt tfc. 0.3% up.
RWY 21: REIL. PAPI(P4L)—GA 3.0º TCH 40´.
RWY 11–29: H3843X60 (ASPH) S–12 MIRL
RWY 11: REIL. Ground.
RWY 29: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
RWY 04–22: H3467X150 (ASPH) S–12
RWY 22: Rgt tfc.



SERVICE: S2 **FUEL** 100LL **LGT** ACTVT REIL Rwys 03, 11, 21 and 29; MIRL Rwy 03–21 and MIRL Rwy 11–29—CTAF. PAPI Rwy 29, Rwy 03 and Rwy 21 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 1530–0000Z‡. Conditions not monitored Mon–Fri 0000–1500Z‡, conditions not monitored Sat–Sun and hol. Fuel 24 hr credit card svc avbl. Rwy 04–22 glds use 1 Apr to 1 Nov. Be alert aerobatic acft activity over center of arpt. Ultralight activity invof arpt. Heavy glider activity from apron area Apr–Oct.
AIRPORT MANAGER: 509-754-3508
WEATHER DATA SOURCES: ASOS 135.775 (509) 754–3761.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.2 (SEATTLE RADIO)
GRANT COUNTY APP/DEP CON 126.4 (1400–0600Z‡)
SEATTLE CENTER APP/DEP CON 126.1 (0600–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Grant County Apch at 509-762-2842. when Apch clsd ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E svc 1400–0600Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
(H) VORTACW 112.6 EPH Chan 73 N47º22.68´ W119º25.44´ 201º 5.7 NM to fld. 1250/21E.
VOR unusable:
310º–350º byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280º–295º byd 25 NM blo 7,000´
310º–350º byd 25 NM blo 6,500´
COMM/NAV/WEATHER REMARKS: UNICOM mntd intmtly.

EVERETT

SNOHOMISH CO (PAINE FLD) (PAE)(KPAE) P (AR) 6 SW UTC–8(–7DT) N47°54.44´ W122°16.93´ **SEATTLE H–1B, L–1D IAP, AD**

608 B LRA ARFF Index—See Remarks NOTAM FILE PAE

RWY 16R–34L: H9010X150 (ASPH–CONC–GRVD) S–100, D–200, 2S–175, 2D–350, 2D/2D2–830 PCN 83 F/A/W/T HIRL CL

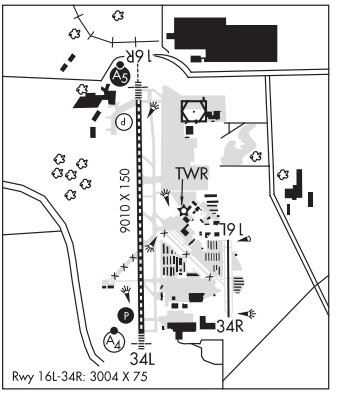
RWY 16R: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 74´. RVR–TR Rgt tfc.

RWY 34L: MALSF. PAPI(P4L)—GA 3.0° TCH 75´. RVR–TR Trees.

RWY 16L–34R: H3004X75 (ASPH) S–12.5 PCN 4 F/B/Y/T MIRL

RWY 16L: REIL. Pole.

RWY 34R: REIL. Pole. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 16L:	TORA–3004	TODA–3004	ASDA–3004	LDA–3004
RWY 16R:	TORA–9010	TODA–9010	ASDA–9010	LDA–9010
RWY 34L:	TORA–9010	TODA–9010	ASDA–9010	LDA–9010
RWY 34R:	TORA–3004	TODA–3004	ASDA–3004	LDA–3004

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When twr clsd ACTIVATE HIRL Rwy 16R–34L, MALSR Rwy 16R and PAPI Rwy 34L—CTAF. **MILITARY—** **FUEL** Copter proh at fueling islands. A, A+ (1400–0700Z‡, OT C425–355–6600, fee $250, clsd Thanksgiving and Christmas day.) (NC–100LL)

AIRPORT REMARKS: Attended 1500–0500Z‡. Airfield cond not mnt aft bus hrs of 1330–0800Z‡. Flocks of lrg and sml birds invof arpt. Ldg fee for acft over 30,000 lbs GWT. First 1000 ft of Rwy 16R is concrete. Tkof clnc Rwy 16R full len; ent rwy via Twy A1 unless Twy AA specified. Rwy 16R–34L touch and go landings prohibited Mon–Fri fm 1500–1700Z‡. Rwy 16L–34R clsd btn 0500–1500Z‡. Rwy 16L–34R ltd to heli 8000 lbs or less. Tsnt hel exp Indg/tkof on Twy B. Use caution for 80 ft AGL poles SW edge of Bravo ramp. Hels prohibited at fueling island. For jet and hel fuel aft hrs call (425) 355–6600. Avoid low lvl ovrflt of Boeing ramp; NE corner of arpt due to jet blast. Class I, ARFF Index B. Arpt clsd to unsked acr opns with more than 30 psgr seats 0500–1500Z‡ excp PPR ctc arpt ops 425–388–5125. PAE has fac constraints that lmt its ability to accommodate divd flts and mntn the arpt safe ops dur ireg ops. Acft opr should ctct the on–duty arpt ops psnl (425–388–5125) to coord diverted flts exc in the case of a declared in–flt emerg. Twy C btn trml ramp and cntrl ramp rstrd to wingspan of 68 ft or less. Twy D, F, G and L rstrd to wingspan less than 49 ft. Twy A4, A5, K7 and B rstrd to wingspan less than 118 ft. Taxilane H rstrd to wingspan of 49 ft. Taxilane E rstd to wingspan less than 171 ft. Acft wingspan of 171 ft or greater on taxilane E, tug ops only. East 500 ft of taxilane E rstd to wingspan less than 49 ft. Twy A2 rstrd to 30000 lbs. Twy K1 clsd to acft under 30000 lbs. Areas not vsb fm ATCT incl E edge of S 1200 ft of Twy A, Taxilane E fm SE corner of W hngrs to Twy A, Taxilane H fm NW edge of W hngrs to Taxilane E. Noise sensitive arpt; for noise abatement proc and tfc proc call arpt ops 425–388–5125. It is req that pilots adhere to the flw noise abatement proc unless otrw instrd by ATCT, itnrnt arr and low apch of sml acft over 250 horsepower auz on Rwys 16L and 34R. Itnrnt dep of sml acft over 250 horsepower on Rwy 34R. Avoid int deps fm Rwy 16L–34R. For NS ABTMT from 0500–1500Z‡ if acft performance/wind allows, use Rwy 16R for arr and Rwy 34L for dep. Lrg acft fly W pat ovr wtr; sml acft fly E pat ovr arpt. Be alert for cnvg tfc on base to final legs Rwy 16R–34L 0500–1500Z‡. Trng flts discouraged after 0600Z‡. PPR rqrd for aces on Boeing ramp. Ctc Boeing Flt Dispatch 206–544–5900 for apvl. Prior to taxi onto Boeing ramp ctc Boeing radio twr 123.475 or call 425–342–5900.

AIRPORT MANAGER: (425) 388-5100

WEATHER DATA SOURCES: ASOS 128.65 (425) 355–6192. LAWRS.

COMMUNICATIONS: CTAF 132.95 **ATIS** 128.65 425–355–9797 **UNICOM** 122.95

PAINE RCO 122.55 (SEATTLE RADIO)

Ⓡ **SEATTLE APP/DEP CON** 128.5

PAINE TOWER 132.95 (Rwy 16R–34L) 120.2 (Rwy 16L–34R) (1500–0500Z‡) **GND CON** 121.8 **CLNC DEL** 127.175

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4722.

AIRSPACE: CLASS D svc 1500–0500Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.

PAINE (L) VORW/DME 110.6 PAE Chan 43 N47°55.19´ W122°16.67´ at fld. 669/20E.

ILS 109.3 I–PAE Rwy 16R. Class IIE. Category: special authorization: Category I ILS evaluated to Category II standards. Must meet Category II tolerances to maintain SA Cat II SIAP. ILS unmonitored 0500–1500Z‡. LOC unusable byd 15° left of course.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not mnt at twr. Seattle APP CON–TRACON mnt 121.5 for Everett (PAE).

FAIRCHILD AFB (SKA)(KSKA) AF (ANG) 10 SW UTC–8(–7DT) N47°36.90´ W117°39.35´ **SEATTLE**
2462 B TPA—See Remarks AOE NOTAM FILE SKA Not insp. **H–1C, L–13B**
RWY 05–23: H13899X150 (CONC) PCN 88 R/B/W/T HIRL CL **DIAP, AD**
RWY 05: ALSF2. PAPI(P4L)—GA 3.0° TCH 58´. RVR–T
RWY 23: ALSF1. PAPI(P4L)—GA 3.0° TCH 56´. RVR–T Rgt tfc.
SERVICE: S4 **OX** 2 **MILITARY— JASU** (MA–1A) (A/M32A–86) (MC–1A) **FUEL** A++ **FLUID** SP PRESAIR; De–ice–Not avbl for C5, C17; LOX **OIL** O–148–156 JOAP **TRAN ALERT** Opr 1400–0600Z‡, clsd wk end. Ctc Base Ops NLT 15 min out for svc req. Fleet svc avbl.
MILITARY REMARKS: RSTD PPR includes scheduled AMC msn. 24 hr prior coord rqr. All inbd pax/cargo acft must ctc comd post no later than 30 min prior to ldg. AMC acft opr rstd during Bird Watch Cond Moderate (tkf or ldg permission only when departing/arr rte avoid identified bird act, no lcl IFR/VFR tfc pat act) and Severe (tkf and ldg prohibited without Operation Group Commander apvl) ctc PTD or Command Post for current Bird Watch condition. Pad 5 DZ, 5000´ S of Rwy EFF 1630–2130Z‡ Mon–Fri. **CAUTION** Unctl vehicle on twys and ramps. Helicopter ops invof Fairchild AFB. Flare rocket firing and demolition of explosives training Wed 1530–1630Z‡ and 2000–2100Z‡, lctd 5,000´ south of Rwy 05–23 abeam Twy F, max alt 1,300´. Do not mistake Spokane Intl 4.5 NM east for Fairchild AFB. Exp increased bird act (aprx) Apr–May and Nov–Dec; review or ck NOTAM for current BASH phase. **CSTMS/AG/IMG** C509–247–5202/5439.
TFC PAT TPA—rectangular 4000(1538), overhead 4500(2038). **MISC** Base OPS OMNI DSN 312–657–2323, C509–247–2323. Air evacuation/tran acft ctc ptd no later than 15 min prior to arr. ARFF avbl upon req. Afld mgmt ops avbl to store classified up to secret, ltd storage capability. **ANG** OPR 1400–0700Z‡ Tue–Fri, CLSD WKEND and HOL. PPR for ANG ramp, DSN 657–7100/7264.
COMMUNICATIONS: SFA Acft rqr SFA notify Seattle Center or Spokane App Con 20 min out on any published frequency.
ATIS 257.625 **PTD** 139.3 372.2
Ⓡ **SPOKANE APP/DEP CON** 133.35 263.0 (029°–207°) 123.75 282.25 (208°–028°)
TOWER 120.35 233.7 **GND CON** 123.6 275.8
COMD POST 321.0 311.0 (Call STRIKEHAWK) **PMSV METRO** 234.8 Wx flt svs and PMSV svs avbl 24 hrs. Wx flt DSN 657–5514/8411, C509–247–5514/8411. AN/FMQ–19 automated observing sys in use; augmented by human obsn when nec. Dur wx flt closures remote briefing svc avbl from 25 OWS DSN 228–6598/6599/6588, C520–228–6598.
WASHINGTON ANG OPS 293.7 (Call Expo Ops)
AIRSPACE: CLASS C svc ctc **APP CON**.
RADIO AIDS TO NAVIGATION: NOTAM FILE SKA.
(L) TACAN Chan 51 SKA (111.4) N47°36.61´ W117°39.72´ at fld. 2438/16E.
DME unusable:
130°–135° byd 19 NM blo 10,000´
160°–175° byd 15 NM blo 10,000´
195°–225° byd 19 NM blo 10,000´
265°–270° byd 15 NM blo 8,000´
265°–270° byd 35 NM
TACAN unusable:
130°–135° byd 19 NM blo 10,000´
160°–175° byd 15 NM blo 10,000´
195°–225° byd 19 NM blo 10,000´
265°–270° byd 15 NM blo 8,000´
265°–270° byd 35 NM
ILS 110.3 I–FRC Rwy 05. Class IIE. No NOTAM MP: Rwy 05/23 1400–1700Z‡ Wed and Thu, (2,000/3+1).
ILS 110.3 I–SKA Rwy 23. Class IE.

FELTS FLD (See SPOKANE on page 225)

FERRY CO (See REPUBLIC on page 215)

FIRST AIR FLD (See MONROE on page 202)

FISHERMANS BAY SPB (See LOPEZ on page 199)

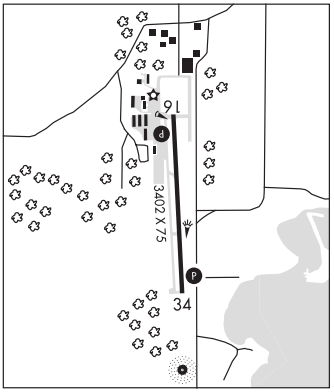
FLOATHAVEN SPB (See BELLINGHAM on page 179)

FLY FOR FUN (See VANCOUVER on page 230)

FORKS (S18) 1 SW UTC–8(–7DT) N47°56.26´ W124°23.76´ **SEATTLE**
299 NOTAM FILE SEA
RWY 04–22: H2400X75 (ASPH) MIRL
RWY 04: Trees.
RWY 22: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. Parallel twy marked with reflectors.
AIRPORT MANAGER: 360-374-5412
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

FRIDAY HARBOR

FRIDAY HARBOR (FHR)(KFHR) 0 SW UTC–8(–7DT) N48°31.32´ W123°01.46´ **SEATTLE**
113 B LRA NOTAM FILE FHR **L–1E**
RWY 16–34: H3402X75 (ASPH–GRVD) S–12.5 MIRL 0.8% up N **IAP**
RWY 16: REIL. PAPI(P2R)—GA 4.0° TCH 43´. Bldg. Rgt tfc.
RWY 34: REIL. PAPI(P4R)—GA 3.5° TCH 42´. Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL RWY 16 and 34; PAPI RWY 16 and 34; MIRL RWY 16–34—CTAF. Rwy 16 PAPI UNUSBL BYD 3 DEGS right of CNTRLN.
AIRPORT REMARKS: Attended Mon–Fri 1600–0100Z‡. No attendance during holidays. Bird activity on and invof arpt. NS ABTMT procedures in effect ctc arpt mgr 360–378–4724. Preferred Rwy 16 in calm wind conds. Due to high concentration of tfc invof arpt recommend ldg lgts or forward visibility lgts turned on while utilizing arpt. Acft with wingspan greater than 55´, 24 hr PPR, ctc arpt mgr 360–378 4724 or cell 360–317–8674. Customs apron located on east side of terminal ramp. Soft ground btn tiedowns NE parking area. Acft in excess of 7,500 lbs charged fee based on wt ctc arpt mgr for info.
AIRPORT MANAGER: (360) 378-4724
WEATHER DATA SOURCES: ASOS 135.675 (360) 378–8491.
COMMUNICATIONS: CTAF 128.25
Ⓡ**WHIDBEY APP/DEP CON** 118.2
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
RADIO AIDS TO NAVIGATION: NOTAM FILE BLI.
WHATCOM (H) VORTACW 113.0 HUH Chan 77 N48°56.72´ W122°34.76´ 195° 31.0 NM to fld. 82/20E.
TACAN AZIMUTH unusable:
155°–165° byd 15 NM blo 6,000´
NDB (MHW) 284 FHR N48°30.73´ W123°01.43´ at fld. 41/17E. NOTAM FILE FHR.
COMM/NAV/WEATHER REMARKS: 128.25 monitored intermittently.



FRIDAY HARBOR SPB (W33) 0 NE UTC–8(–7DT) N48°32.24´ W123°00.58´ **SEATTLE**
00 AOE LRA NOTAM FILE SEA
WATERWAY 03W–21W: 10000X2000 (WATER)
WATERWAY 03W: Hill.
WATERWAY 12W–30W: 6000X1000 (WATER)
WATERWAY 12W: Hill.
WATERWAY 30W: Hill.
SEAPLANE REMARKS: Unattended. All tkfs should be performed N of Browns Island. US customs user fee arpt. Flight Notification Service (ADCUS) available. General aviation overnight ldg fee.
AIRPORT MANAGER: (360) 378-4724
COMMUNICATIONS: CTAF 128.25
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

GOHEEN (See BATTLE GROUND on page 178)

GOLDENDALE (S2Ø) 1 NW UTC–8(–7DT) N45°49.92´ W120°50.72´ **SEATTLE**
1678 B NOTAM FILE SEA **L–13A**
RWY 07–25: H3491X40 (ASPH) S–4 MIRL
RWY 07: Ground.
RWY 25: SAVASI(S2L). Thld dsplcd 330´. Trees.
SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended. Deer and wildlife invof arpt. NSTD white line crosses rwy near Rwy 07 marking. NSTD white line crosses rwy near Rwy 25 marking. Fences, ditch, boulders, bldgs & road in primary surface. Pilots bring own ropes.
AIRPORT MANAGER: (509) 261-9442
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE DLS.
KLICKITAT (H) VORW/DME 112.3 LTJ Chan 70 N45°42.82´ W121°06.05´ 035° 12.9 NM to fld. 3220/21E.

GRAND COULEE DAM (See ELECTRIC CITY on page 188)

GRANT CO INTL (See MOSES LAKE on page 203)

GRAY AAF (JOINT BASE LEWIS–MCCHORD) (GRF)(KGRF) A (AR ARNG) 1 E UTC–8(–7DT) **SEATTLE**
N47°04.75´ W122°34.85´ **H–1B, L–1D**
301 B TPA—See Remarks NOTAM FILE GRF Not insp. **DIAP, AD**
RWY 15–33: H6124X150 (ASPH) PCN 55 F/A/W/T HIRL
RWY 15: SSALR. PAPI(P4L)—GA 3.0° TCH 58´. RVR–T Tower.
RWY 33: SSALR. RVR–R
SERVICE: **FUEL** JET A++ **MILITARY—** **FUEL** A++ (Mil) Ltd supply. Ltd tran alert. NATO F24 avbl.
MILITARY REMARKS: Base ops, twr, wx opr 24 hrs clsd hol. No incoming Space A pax without prior apvl. **RSTD** 48 hr PPR tran acft, ctc Base Ops DSN 357–6628/5998, C253–967–6628/5998. **CAUTION** Extv NVD trng and PJE. High volume of night vision trng on afld, portions of afld lgtg may be dim or off. Numerous small arms 0.8 NM east of afld. **TFC PAT** TPA—E/W tfc, fixed wing 1800(1494), rotary wing 800(494). **MISC** Special VFR day fixed wing 700–1, rotary wing 300–1/2. Ngt fixed wing not auth, rotary wing 500–1. Acft conducting tactical opr on JBLM mil reservation ctc OPS prior to opr. Ctc Gray tfc on CTAF when twr clsd. No hangar for tran acft. Base ops and tower opr continuously. Clsd hol. Rwy cond reading will be reported Mon–Fri, 1500–2300Z‡ via NOTAM and ATIS dur inclement winter wx. Wx obsn visibility ltd to 2 SM in some directions. Wx obsn visibility ltd to 2 SM in some directions. Wx obsn augmented/backup Mon–Fri 0800–0800Z‡ and 1700–0100Z‡ Sat and Sun or end of lcl flying daily and dur inclement wx, as rqrd. Clsd hol. Pilots of mil rotary–wing acft shall inform Gray Twr on initial ctc if they are unaided. Arpt mgr C253–967–6676. **USAR** Ctc OPS DSN 357–3036, C253–967–3036. **ARNG** Opr 1430–0100Z‡ Tue–Fri exc hol. Tran alert svc not avbl.
AIRPORT MANAGER: 253 967 6676
COMMUNICATIONS: CTAF 119.325 **ATIS** 124.65 306.2
BULLSEYE RADIO 34.6 141.5 379.1 Opr continuously. Clsd hol. All rotary wing acft ctc Bullseye radio prior to entry R6703A–J, range status avbl on UHF 384.525 and VHF 142.7.
® **SEATTLE APP/DEP CON** 120.1
TOWER 119.325 256.8 276.4 (24 hrs clsd hol.) **GND CON** 121.9 290.2 **CLNC DEL** 121.9 290.2
PMSV METRO 134.1 38.45 (WX OPS H24, CLSD HOL. WX FLT DSN 357–7061/4363, COML 253–967–7061/4363. AN/FMQ–19 Automated observing SYS in use, augmented by human OBSN when NEC. DUR WX FLT closures remote briefing SVS AVBL from 25 OWS DSN 228–6598/6599/6588, COML 250–228–6598/6599/6588)
OPS 41.50 138.6 395.225 (Opr cont. Clsd hol.) **USAR OPS** 30.5 36.10 245.5 **ARNG OPS** 32.6
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4723. 120.1/290.9.
AIRSPACE: CLASS D svc 24 hours, clsd hol; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30´ W122°54.11´ 045° 14.7 NM to fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223°–258° byd 20 NM blo 4,100´
258°–283° byd 30 NM blo 4,100´
358°–043° byd 10 NM blo 6,000´
358°–043° byd 20 NM blo 7,000´
ILS/DME 108.3 I–GRF Chan 20 Rwy 15. ILS – No NOTAM MP 1300–1500Z‡ Fri. Radar – No NOTAM MP 1400–1600Z‡ Fri.
ASR/PAR (ASR, 1400–0600Z‡) (PAR, OPR 1500–0700Z‡ Mon–Fri. POC DSN 677–3883 or C253–477–3883)

GREENWATER

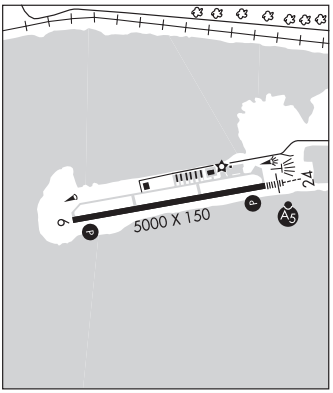
RANGER CREEK (21W) 10 SE UTC–8(–7DT) N47º00.79´ W121º32.02´ **SEATTLE**
2650 NOTAM FILE SEA
RWY 15–33: H2875X30 (ASPH) 0.9% up SE
RWY 15: Trees.
RWY 33: Trees.
AIRPORT REMARKS: Unattended. Arpt clsd Oct 1 to Jun 1 exc for approved mil and public safety/law enforcement helicopter ops. Mountainous terrain surrounds arpt. Pedestrians, vehicles and animals on and invof rwy. USFS campgrounds east and north of rwy. Guardrail and road runs full length of eastside of rwy. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

GROVE FLD (See CAMAS on page 181)

HARVEY FLD (See SNOHOMISH on page 223)

HOQUIAM

BOWERMAN (HQM)(KHQM) 2 W UTC–8(–7DT) N46º58.27´ W123º56.19´ **SEATTLE**
18 B LRA NOTAM FILE HQM **H–1B, L–1D**
RWY 06–24: H5000X150 (ASPH) S–30, D–40, 2D–80 HIRL **IAP**
RWY 06: REIL. PAPI(P4R)—GA 3.0º TCH 40´. Rgt tfc.
RWY 24: MALSR. PAPI(P4L)—GA 3.5º TCH 55´.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE HIRL Rwy 06–24, PAPI Rwy 06–24, MALSR Rwy 24 and REIL Rwy 06—CTAF.
AIRPORT REMARKS: Unattended. 100LL avbl 24 hrs a day with major credit card. For Jet A call 360–593–1895 24 hrs a day. Flocks of waterfowl on and invof arpt. 103´ crane 0.2 NM southwest of AER 24. Svc road south of rwy in primary sfc. Ultralights prohibited without written permission from arpt mgr.
AIRPORT MANAGER: 360-533-9544
WEATHER DATA SOURCES: ASOS 135.775 (360) 538–7021.
COMMUNICATIONS: CTAF/UNICOM 122.7
HOQUAIM RCO 122.2 (SEATTLE RADIO)
Ⓡ **SEATTLE CENTER APP/DEP CON** 128.3
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.
HOQUIAM (H) VORTACW 117.7 HQM Chan 124 N46º56.82´ W124º08.96´ 062º 8.9 NM to fld. 10/19E.
ILS/DME 108.7 I–HQM Chan 24 Rwy 24. Class IT.



HOQUIAM N46º56.82´ W124º08.96´ NOTAM FILE HQM. **SEATTLE**
(H) VORTACW 117.7 HQM Chan 124 062º 8.9 NM to Bowerman. 10/19E. **H–1B, L–1D**
RCO 122.2 (SEATTLE RADIO)

HOSKINS FLD (See OLYMPIA on page 205)

ILWACO

PORT OF ILWACO (7W1) 2 E UTC–8(–7DT) N46º18.89´ W124º00.23´ **SEATTLE**
13 B NOTAM FILE SEA
RWY 10–28: H2080X50 (ASPH) S–5
RWY 10: Trees.
RWY 28: PAPI(P2L)—GA 4.0º. Thld dsplcd 300´. Trees.
SERVICE: **LGT** Arpt bcn pilot activated.
AIRPORT REMARKS: Unattended. Rwy 10 markings faded. Rwy 28 markings faded.
AIRPORT MANAGER: 360-642-3143
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

IONE MUNI (S23) 2 S UTC–8(–7DT) N48°42.51´ W117°24.79´ **SEATTLE**
2110 B NOTAM FILE SEA **L–13B**
RWY 15–33: H3643X45 (ASPH) MIRL
RWY 15: Thld dsplcd 222´. Fence.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 15: TORA–3421 TODA–3421 ASDA–3421 LDA–3421
RWY 33: TORA–3644 TODA–3644 ASDA–3644 LDA–3421
AIRPORT REMARKS: Unattended. Wildlife invof rwy. Arpt used for seasonal wildland fire support. Rwy 15–33 markings are faded.
AIRPORT MANAGER: 509-442-3416
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 346° 69.2 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´
NDB (MHW) 379 ION N48°42.61´ W117°24.81´ at fld. 2107/21E. NOTAM FILE SEA. VFR only.

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HELIPAD H1: H60X60 (CONC) MIRL
HELIPORT REMARKS: H1 markings are faded.

JEFFERSON CO INTL (See PORT TOWNSEND on page 210)

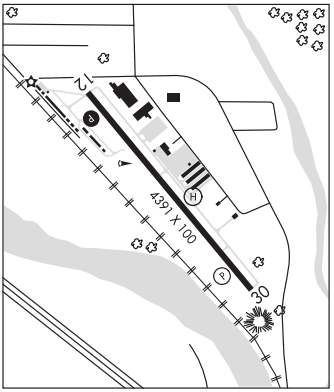
JOINT BASE LEWIS–MCCHORD (See MCCHORD FLD (JOINT BASE LEWIS–MCCHORD) on page 200)

KAHLOTUS

LOWER MONUMENTAL STATE (WØ9) 5 S UTC–8(–7DT) N46°32.98´ W118°32.20´ **SEATTLE**
813 NOTAM FILE SEA
RWY 01–19: 3300X50 (GRVL) 0.4% up S
RWY 01: Tower.
RWY 19: P–line.
AIRPORT REMARKS: Unattended. Do not land if snow present on rwy. No snow removal ops. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Pedestrians, vehicles and animals on and invof rwy. Gravel portions of rwy sfc rough and soft. Rwy 01–19 surface emulsion layer crumbles. Rwy marked with reflectors dur dates arpt is open. Rwy 01–19 has steep canyon walls North, East and South. Multiple p–lines 0.4 mi NNE of arpt.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

KELSO

SOUTHWEST WASHINGTON RGNL (KLS)(KKLS) 2 SE UTC–8(–7DT) N46°07.08´ W122°53.90´ **SEATTLE**
20 B LRA NOTAM FILE KLS **L–1C**
RWY 12–30: H4391X100 (ASPH) S–38, D–46, 2D–74 MIRL(NSTD) **IAP**
RWY 12: REIL. PAPI(P4R)—GA 4.0° TCH 65´. Trees. Rgt tfc.
RWY 30: REIL. PAPI(P4L)—GA 4.0° TCH 62´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** Rwy 12–30 MIRL NSTD spacing. ACTIVATE REIL Rwy 12 and 30; PAPI Rwy 12; MIRL Rwy 12–30—CTAF.
AIRPORT REMARKS: Attended 1600–0100Z‡. 24 hr self–svc credit card fuel facility 100LL. After hrs Jet A svc call–out avbl. Numerous flocks of birds on and invof arpt. Flight Notification Service (ADCUS) avbl. No fld cond NOTAMs avbl Mon–Fri 1700L–0800L and all day Sat and Sun.
AIRPORT MANAGER: (360) 261-8268
WEATHER DATA SOURCES: AWOS–3PT 135.075 (360) 577–1964.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.25 (SEATTLE RADIO)
Ⓡ **SEATTLE CENTER APP/DEP CON** 124.2
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87´ W122°35.49´ 309° 25.7 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035°–085° byd 35 NM blo 10,000´



KENMORE AIR HARBOR SPB (See SEATTLE on page 219)

KENMORE AIR HARBOR INC SPB (S6Ø) 1 S UTC–8(–7DT) N47°45.29´ W122°15.56´ **SEATTLE**
14 LRA NOTAM FILE SEA
WATERWAY 16W–34W: 10000X1000 (WATER)
WATERWAY 18W–36W: 3000X1000 (WATER)
SERVICE: S4 **FUEL** 100LL, JET A
SEAPLANE REMARKS: Attended dawn–dusk. Unlgtd crane 75´ AGL and pilings 6´ abv water Rwy 18. 8 buoys mk 7 kts spd limit wi ldg zone–unlgtd; seaplanes exempt fm 7 kts spd lmt. Sfc watercraft entering opr area from within channel East of Waterway 16–34. Dock freq 130.30. For tsnt pkrg and dock aces call at least 3 hrs prior to arr, ctc dispatch for apvl at 425–486–1257, ext 2010. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 425-486-1257
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

KENT

NORMAN GRIER FLD (S36) 5 SE UTC–8(–7DT) N47º20.23´ W122º06.21´ **SEATTLE L–1D**

472 B NOTAM FILE SEA

RWY 15–33: H3288X40 (ASPH) S–12 LIRL

RWY 15: Trees.

RWY 33: Thld dsplcd 281´. Trees.

SERVICE: S4 **FUEL** 100LL

AIRPORT REMARKS: Attended 1700–0100Z‡. 24 hr credit card fuel avbl. Arpt clsd when snow on rwy. Night ops use Rwy 15, wind and wx permitting. Trees on both sides of Rwy 15–33.

AIRPORT MANAGER: 253-631-7100

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

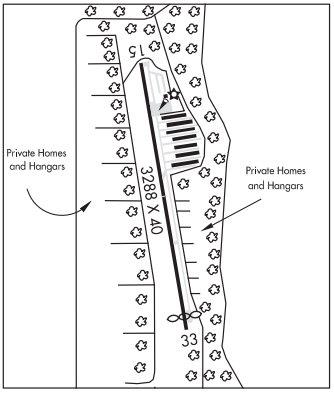
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47º26.12´ W122º18.58´ 106º 10.3 NM to fld. 348/19E.

VOR unusable:
008º–023º byd 20 NM blo 3,500´
008º–023º byd 30 NM blo 4,100´
233º–273º byd 20 NM blo 8,000´
233º–273º byd 30 NM blo 10,000´
233º–273º byd 35 NM blo 11,000´
233º–273º byd 8 NM blo 5,500´
303º–333º byd 20 NM blo 2,900´
303º–333º byd 30 NM blo 4,000´
333º–353º byd 15 NM blo 3,500´
353º–008º byd 20 NM blo 2,900´

DME unusable:
008º–028º byd 20 NM blo 4,500´
008º–028º byd 30 NM blo 7,000´
203º–219º byd 27 NM
220º–225º byd 20 NM
226º–239º byd 27 NM
240º–253º byd 15 NM
303º–008º byd 30 NM blo 3,500´

TACAN AZIMUTH unusable:
008º–163º
303º–008º byd 30 NM blo 3,500´



KLICKITAT N45º42.82´ W121º06.05´ NOTAM FILE DLS. **SEATTLE H–1B**

(H) VORW/DME 112.3 LTJ Chan 70 186º 6.3 NM to Columbia Gorge Rgnl/The Dalles Muni. 3220/21E.

LAKE CHELAN (See CHELAN on page 182)

LAKE WENATCHEE STATE (See LEAVENWORTH on page 198)

LAKEWOOD

AMERICAN LAKE SPB (W37) 3 SW UTC–8(–7DT) N47º08.49´ W122º33.66´ **SEATTLE**

235 TPA—935(700) NOTAM FILE SEA

WATERWAY 02W–20W: 5500X500 (WATER)

SEAPLANE REMARKS: Unattended. Seaplane dock avbl dur park hrs, 1500Z‡–Sunset. Swimmers and boaters in the area. Day use only recommended. NS ABTMT procedures in effect, ctc arpt manager 253–589–2489, extn 7741. Arpt underlies McChord Field (Joint Base Lewis–McChord) Class D Airspace.

AIRPORT MANAGER: 253-589-2489

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

LANGLEY

WHIDBEY AIR PARK (W1Ø) 2 SW UTC–8(–7DT) N48º01.05´ W122º26.26´ **SEATTLE**

271 NOTAM FILE SEA

RWY 16–34: H2470X25 (ASPH)

RWY 16: Trees.

RWY 34: Tree.

AIRPORT REMARKS: Unattended. Wildlife invof rwy.

AIRPORT MANAGER: (360) 321-0510

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

LAURIER

AVEY FLD (69S) 2 SW UTC–8(–7DT) N48º59.90´ W118º13.36´ **SEATTLE**
1655 LRA NOTAM FILE SEA
RWY 17–35: 1975X40 (GRVL)
RWY 17: Trees.
RWY 35: Trees.
AIRPORT REMARKS: Unattended. Vehicles and animals on and invof rwy. Rwy 17 marked with retro–reflective devices. Helicopter operations on airport during fire season. Shoulders very soft and rough both sides of rwy. Canadian and U.S. customs avbl on hwy to the west. U.S. based acft should park on the U.S. side of ramp, south, and Canadian based acft should park on north side of ramp.
AIRPORT MANAGER: 509-684-2240
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

LEAVENWORTH

LAKE WENATCHEE STATE (27W) 14 NW UTC–8(–7DT) N47º49.16´ W120º43.19´ **SEATTLE**
1939 NOTAM FILE SEA
RWY 09–27: 2473X100 (TURF) 0.4% up W
RWY 09: Road.
RWY 27: Road.
AIRPORT REMARKS: Unattended. CLOSED 1 Oct–1 Jun. Pedestrians, vehicles and animals on and invof rwy. Two windsocks, one at each rwy end. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Rwy marked with reflectors dur dates arpt is open.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

LESTER STATE (15S) 2 E UTC–8(–7DT) N47º12.91´ W121º27.74´ **SEATTLE**
1693 NOTAM FILE SEA
RWY 05–23: 400X100 (TURF)
RWY 05: Tree.
RWY 23: Tree.
AIRPORT REMARKS: Unattended. Arpt clsd to fixed wing acft indef. Rwy 05–23 clsd indef due to severe erosion from river. Vehicles, pedestrians and animals on and invof rwy. Ctc WA State Aviation Division 360–651–6300 or 1–800–552–0666 WA area for facility info prior to use. Rwy 05–23 sfc rough. Rwy sfc not maintained, very tall grass and weeds.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

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HELIPAD H1: 100X100 (TURF)
HELIPORT REMARKS: Grass area available for emergency helicopter operations.

LIND (ØSØ) 2 NE UTC–8(–7DT) N46º58.61´ W118º35.23´ **SEATTLE**
1507 B NOTAM FILE SEA **L–13A**
RWY 05–23: H3197X50 (ASPH) HIRL
RWY 23: Hill.
SERVICE: **LGT** ACTIVATE HIRL Rwy 05–23–CTAF.
AIRPORT REMARKS: Unattended. East end of rwy has 800´ by 50´ dirt graded safety area. Rwy 05–23 markings faded.
AIRPORT MANAGER: 509-677-3241
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47º12.65´ W119º19.01´ 097º 33.0 NM to fld. 1193/18E.

LITTLE GOOSE LOCK AND DAM (See STARBUCK on page 227)

LOPEZ

FISHERMANS BAY SPB (81W) 1 N UTC–8(–7DT) N48º30.99´ W122º55.08´ **SEATTLE**
00 NOTAM FILE SEA
WATERWAY 05W–23W: 3000X150 (WATER)
WATERWAY 05W: Rgt tfc.
SEAPLANE REMARKS: Unattended. Avoid overflights of houses on surrounding land. No step taxi in bay.
AIRPORT MANAGER: 360-468-4116
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

LOPEZ ISLAND (S31) 3 N UTC–8(–7DT) N48º29.04´ W122º56.26´ **SEATTLE**
209 B NOTAM FILE SEA
RWY 16–34: H2905X61 (ASPH–GRVD) S–12.5 MIRL 1.6% up N
RWY 16: REIL. PAPI(P2L)—GA 4.0º TCH 43´. Trees. Rgt tfc.
RWY 34: REIL. PAPI(P2L)—GA 4.0º TCH 33´. Trees.
AIRPORT REMARKS: Unattended. Rwy 16–34 soft shoulders and thlds.
AIRPORT MANAGER: 360-468-4116
COMMUNICATIONS: CTAF 128.25
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

LOST RIVER (See MAZAMA on page 200)

LOWER GRANITE STATE (See COLFAX on page 184)

LOWER MONUMENTAL STATE (See KAHLOTUS on page 195)

LYNDEN MUNI AIRPORT JANSEN FLD (38W) 1 N UTC–8(–7DT) N48º57.35´ W122º27.49´ **SEATTLE**
106 B NOTAM FILE SEA
RWY 07–25: H2425X40 (ASPH) S–12 MIRL(NSTD)
RWY 07: PAPI(P2L)—GA 3.0º TCH 15´. Thld dsplcd 262´. Trees.
RWY 25: PAPI(P2R)—GA 6.0º TCH 15´. Thld dsplcd 433´. Trees.
SERVICE: FUEL 100LL **LGT** Rwy 07–25 NSTD MIRL. Use 3 clicks to ACTIVATE MIRL Rwy 07–25 and rotating bcn—CTAF.
AIRPORT REMARKS: Unattended. Automated credit card system for fuel. Exposed ditch Rwy 07–25. Avoid ngt ldgs to Rwy 25. Ngt ldgs should be performed on Rwy 07, winds permitting. 1850´ between thld lgts, Rwy 07 thld lgts located 134´ prior to dsplcd thld. Rwy 07 thld relocated 155´ for ngt ops. Rwy 25 thld relocated 434´ for ngt ops, 1871´ usable for ngt ops. No white/red lgts past dsplcd thld. Run–ups not permitted on Rwy 25 turn around twy. Fly PAPI on all approaches to Rwy 07. Rwy 25 departures use full length of available Rwy TODA 2425 ft. WSDOT kiosk lctd at fuel stn. Bicycles avbl in pilot´s lounge.
AIRPORT MANAGER: 360-354-3446
COMMUNICATIONS: CTAF 122.9
VICTORIA TERMINAL APP/DEP CON 132.7 290.8 604–586–4560
COMM/NAV/WEATHER REMARKS: Use 3 clicks to ACTIVATE A–UNICOM.

MANSFIELD (8W3) 0 E UTC–8(–7DT) N47º48.56´ W119º38.22´ **SEATTLE**
2272 B NOTAM FILE SEA
RWY 03–21: H2575X46 (ASPH) LIRL
RWY 03: Road.
RWY 21: Road.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–2400
RWY 21: TORA–2400
SERVICE: LGT Rwy 03–21 no rwy lgts northside of Rwy 21 end to midfield.
AIRPORT REMARKS: Unattended. Possible turbulence from grain elevators north side of arpt. Rwy 03–21 has widespread, open unsealed cracks and joints. Rwy 03–21 markings faded. Pilots bring own ropes.
AIRPORT MANAGER: 509-884-2494
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MARTIN FLD (See COLLEGE PLACE on page 185)

MATTAWA

DESERT AIRE RGNL (M94) 3 SW UTC–8(–7DT) N46°41.24´ W119°55.18´ **SEATTLE**
586 B NOTAM FILE SEA **L–13A**
RWY 10–28: H3665X60 (ASPH) MIRL
RWY 10: Bldg.
RWY 28: PAPI(P2L)—GA 4.0° TCH 45´.
SERVICE: **LGT** ACTIVATE MIRL Rwy 10–28 and rotating bcn—CTAF.
AIRPORT REMARKS: Unattended. No touch and go ldgs prior to 1600Z‡. Long final and extd base apchs to Rwy 28 not advised due to close proximity of low flying fast mil jets. Tran parking lctd on southeast and southwest end of arpt. EMS helicopter parking area on southwest end of arpt. Twy marked with retro–reflective devices. Pavement rated for 18,000 lbs aircraft.
AIRPORT MANAGER: 509-596-2298
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47°12.65´ W119°19.01´ 200° 40.0 NM to fld. 1193/18E.

MAZAMA

LOST RIVER (W12) 5 NW UTC–8(–7DT) N48°38.98´ W120°30.12´ **SEATTLE**
2415 NOTAM FILE SEA
RWY 11–29: 3150X85 (TURF–GRVL)
RWY 11: Road. Rgt tfc.
RWY 29: Road.
AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Nov thru 1 Apr. Watch for vehicles and pedestrians on rwy. Access roads both side of rwy in primary surface, vehicles cross rwy at various locations, primarily at rwy ends.
AIRPORT MANAGER: (206) 321-2447
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MCCHORD FLD (JOINT BASE LEWIS–MCCHORD) (TCM)(KTCM) AF 3 S UTC–8(–7DT) N47°08.26´ **SEATTLE**
W122°28.59´ **H–1B, L–1D**
322 B TPA—See Remarks AOE NOTAM FILE TCM Not insp. **DIAP, AD**
RWY 16–34: H10108X150 (ASPH–CONC–GRVD) PCN 60 F/A/W/T HIRL CL
RWY 16: ALSF1. PAPI(P4R)—GA 3.0° TCH 68´. RVR–T 0.4% up.
RWY 34: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 59´. RVR–T Rgt tfc.
RWY 162–342: H3000X60 (ASPH)
ARRESTING GEAR/SYSTEM
RWY 16 HOOK E5 (240' OVRN) HOOK BAK–12B(B) (2450'). HOOK BAK–12B(B) (1668') HOOK E5 (102' OVRN) **RWY 34**
SERVICE: S4 **OX** 1, 2 **LGT** Visual TCH set for hgt Gp 3 acft only. Rwy 16–34 cntr 72´ thld lgt removed. AMP–1/AMP–3 overt/covert assault strip lgt inst mid 5000´ Rwy 16–34. **MILITARY—** **JASU** (MD–3M) 1(MD–3) 1(MA–1A) (AM32A–60) 1(MC–11) **FUEL** A++ **FLUID** SP PRESAIR De–ice–Exp 3 hr delay. LHOX LOX **OIL** O–128–133–148–156 SOAP – Results rqr 24 hr, 1530–0030Z‡ wkd exc hol, results not avbl OT. Tran acft req SOAP will arr with historical eng SOAP data for trend analysis. **TRAN ALERT** Opr H24. Delays can be exp. Prk ltd. All tran acft rqr tran alert follow me assistance.
MILITARY REMARKS: RSTD PPR incl scheduled AMC msn due to ltd ramp space, tran acft parking extremely ltd. 24 hr prior coord rqr, Base OPS DSN 382–5611, C253–982–5611. All inbd acft must ctc Command Post (Rainier OPS) no later than 30 min prior to ldg. AMC acft opr rstd dur Bird Watch Cond Moderate (tkf and ldg permission only when departing/arr rte avoid identified bird act, no lcl IFR/VFR tfc pat act) and Severe (tkf and ldg prohibited without OG/CC apvl), ctc PTD/ATIS/Command Post for current Bird Watch Cond. Tran aircrews conducting lcl area low–level training msn must receive lcl procedure/rstd briefing from 62 OSS/OSK at DSN 382–3615, C253–982–3615. **CAUTION** When performing pre–tkof end runup, align acft so that debris is not blown toward ADTAC alert hgr or adj acft prk ramp. Dur VFR cond, acft making lo apch, nml tkof, touch and go ldg, or missed apch remain at or blw 1800 ft til dep end of the rwy. Bird haz. South end rwy not visible from official wx station obsn point. When fog/low clouds are present over AER 34, cond report from obsn point may not be representative. **CSTMS/AG/IMG** Unsked acft arr btn 0900–1400Z‡ may experience delays for CSTMS/AG/IMG inspections. **TFC PAT** Before ldg maintain tfc pat alt commensurate with safety as long as practicable. TPA—Rectangular 1800´ (1478) overhead 2300´(1978). **MISC** Aircrews notify PTD anytime they plan to delay in lcl IFR pat on separate clnc prior to or departure on filed flt plan. Base OPS DSN 382–5611, C253–982–5611. Rwy 16–34 marked with white non–reflective 90´ X 3500´ VFR daytime assault ldg zone. South 1000´ Rwy 16–34 is conc, rwy is grvd. Rwy cond codes (RWYCC) unavbl.

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AIRPORT MANAGER: 253-982-5611
WEATHER DATA SOURCES: ASOS (253) 982–3434
COMMUNICATIONS: D–ATIS 135.825 270.1 **PTD** 372.2
Ⓡ **SEATTLE APP/DEP CON** 126.5 377.15
TOWER 124.8 259.3 **GND CON** 118.175 279.65
COMD POST 349.4 134.1
PMSV METRO 342.3 Full wx svc avbl H24 exc dur afld/twr closure. DSN 382–3434/2112, C253–982–3434/2112. All obs provided by AN/FMQ–19 automated observing sys; augmented by human obsn when nec. Full svc PMSV avbl via phone patch with comd post. Tran aircrew ctc 25 OWS dur afld closure to request wx briefing DSN 228–6598, or C520–228–6598. when possible provide 3 hr pn for all rqr briefings.
AIRSPACE: CLASS D.
RADIO AIDS TO NAVIGATION: NOTAM FILE TCM.
(T) VORTAC 109.6 TCM Chan 33 N47º08.86´ W122º28.50´ at fld. 283/15E.
No NOTAM MP 0800–1700Z‡ and 2100–2300Z‡ Wed
VOR unusable:
033º–043º byd 12 NM blo 8,500´
043º–063º byd 12 NM
063º–076º byd 19 NM
076º–082º byd 19 NM blo 8,000´
076º–082º byd 24 NM blo 10,000´
142º–153º byd 12 NM
153º–163º byd 12 NM blo 5,800´
207º–277º byd 12 NM
307º–082º byd 10 NM blo 8,000´
307º–347º byd 12 NM
347º–033º byd 19 NM
ILS 109.9 I–MAR Rwy 16. Class IA. Ry 16–34 backcourse unusable. Ry 16–34 No NOTAM MP 0800–1700Z‡ and 2100–2300Z‡ Tue and Thu.
ILS 108.5 I–TCM Rwy 34. Class IIE. Ry 16–34 backcourse unusable. Ry 16–34 No NOTAM MP 0800–1700Z‡ and 2100–2300Z‡ Tue and Thu.

MEAD FLYING SERVICE (7ØS) 1 N UTC–8(–7DT) N47º47.23´ W117º21.49´ SEATTLE

1905 TPA—2505(600) NOTAM FILE SEA
RWY 16–34: H2481X30 (ASPH)
RWY 16: Trees.
RWY 34: Trees.
AIRPORT REMARKS: Attended continuously. No winter maintenance.
AIRPORT MANAGER: 253-880-7805
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522

MEARS FLD (See CONCRETE on page 185)

METALINE FALLS

SULLIVAN LAKE STATE (Ø9S) 3 SE UTC–8(–7DT) N48º50.45´ W117º17.04´ **SEATTLE**

2614 NOTAM FILE SEA

RWY 16–34: 1765X100 (TURF)

RWY 16: Trees.

RWY 34: Sign.

AIRPORT REMARKS: Unattended. Arpt clsd 1 Oct–1 June exc for apvd mil and public safety/law enforcement helicopter ops. Vehicles, pedestrians, and animals on and invof arpt. Watch for gnd squirrel holes in rwy. Rwy 16–34 sfc rough. Trees both sides in transition sfcs. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Gnd drops rapidly byd Rwy 16–34 ends. Rwy marked with reflectors dur dates arpt is open. 2 wind socks, one on each rwy end.

AIRPORT MANAGER: (360) 618-2477

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

METHOW VALLEY STATE (See WINTHROP on page 235)

MICA PEAK N47º34.43´ W117º04.83´ **SEATTLE**

RCO 122.65 (SEATTLE RADIO) **L–13B**

MONROE

FIRST AIR FLD (W16) 2 NW UTC–8(–7DT) N47º52.28´ W121º59.71´ **SEATTLE**

50 NOTAM FILE SEA

RWY 07–25: H2087X34 (ASPH) RWY LGTS(NSTD)

RWY 07: Rgt tfc.

RWY 25: Thld dsplcd 500´.

SERVICE: S4 **LGT** SS–SR. Solar powered lighting.

AIRPORT REMARKS: Attended Oct–Mar 1700Z‡–dark, Apr–Sept 1700–0300Z‡. Parachute Jumping. Tran tie downs have no ropes, pilots must supply own. Additional tran parking avbl SE corner of rwy. Rwy 25 acft parked in primary sfc. Rwy 07 numbers 200´ E of dsplcd thr; numbers only; no cntrln. Word "MONROE" painted midfield on rwy.

AIRPORT MANAGER: 360-794-8570

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

MORTON

STROM FLD (39P) 0 SE UTC–8(–7DT) N46º33.02´ W122º16.00´ **SEATTLE**

941 B NOTAM FILE SEA

RWY 07–25: H1810X40 (ASPH) MIRL

RWY 07: Thld dsplcd 200´. P–line.

RWY 25: Trees.

SERVICE: **LGT** ACTIVATE MIRL Rwy 07–25 and rotating bcn—CTAF.

AIRPORT REMARKS: Unattended. Trees near rwy. Trees, stream and brush in prim sfc. Deer and elk on and invof rwy. Ditch parallel rwy on Eastside. Rwy 07–25 markings faded.

AIRPORT MANAGER: (360) 496-5210

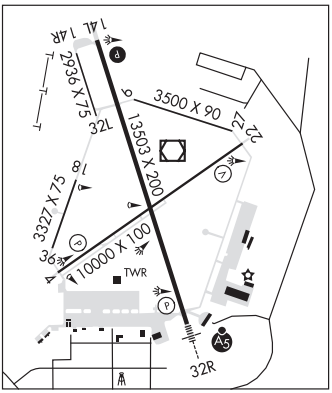
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

MOSES LAKE

GRANT CO INTL (MWH)(KMWH) 5 NW UTC–8(–7DT) N47º12.52´ W119º19.15´ **SEATTLE**
1189 B ARFF Index—See Remarks NOTAM FILE MWH **H–1C, L–13A**
IAP, AD

RWY 14L–32R: H13503X200 (CONC–GRVD) S–85, D–155, 2S–175, 2D–320, 2D/2D2–600 PCN 103R/B/W/T HIRL(NSTD)
RWY 14L: REIL. PAPI(P4L)—GA 3.0º TCH 75´. Bldg.
RWY 32R: MALSR. PAPI(P4L)—GA 3.0º TCH 76´. Rgt tfc.
RWY 04–22: H10000X100 (CONC–GRVD) S–75, D–100, 2S–127, 2D–175, 2D/2D2–475 PCN 92 R/B/W/T MIRL
RWY 04: REIL. PAPI(P4L)—GA 3.0º TCH 49´. 0.4% down.
RWY 22: REIL. VASI(V4L)—GA 3.0º TCH 50´. Rgt tfc. 0.3% up.
RWY 09–27: H3500X90 (CONC–GRVD) S–100, D–150, 2S–270, 2D–270, 2D/2D2–475 PCN 53 R/B/W/T RWY LGTS(NSTD) 0.3% up NW
RWY 27: Rgt tfc.
RWY 18–36: H3327X75 (ASPH) S–75, D–170, 2S–175, 2D–300, 2D/2D2–400 PCN 112F/A/W/T MIRL
RWY 18: Rgt tfc.
RWY 14R–32L: H2936X75 (CONC) S–100, D–200, 2S–175, 2D–400, 2D/2D2–400 PCN 107R/B/W/T
RWY 14R: Ground. Rgt tfc.



LAND AND HOLD–SHORT OPERATIONS

LDG RWY	HOLD–SHORT POINT	AVBL LDG DIST
RWY 04	14L–32R	4700
RWY 14L	04–22	7550
RWY 22	14L–32R	4650
RWY 32R	04–22	5050

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04:	TORA–10000	TODA–10000	ASDA–10000	LDA–10000
RWY 09:	TORA–3500	TODA–3500	ASDA–3500	LDA–3500
RWY 14L:	TORA–13503	TODA–13503	ASDA–13503	LDA–13503
RWY 14R:	TORA–2936	TODA–2936	ASDA–2936	LDA–2936
RWY 22:	TORA–10000	TODA–10000	ASDA–10000	LDA–10000
RWY 27:	TORA–3500	TODA–3500	ASDA–3500	LDA–3500
RWY 32L:	TORA–2936	TODA–2936	ASDA–2936	LDA–2936
RWY 32R:	TORA–13503	TODA–13503	ASDA–13492	LDA–13492

SERVICE: S4 **FUEL** 100LL, JET A, A1+ **OX** 1 **LGT** ACTVT MALSR Rwy 32R; REIL Rwy 04; PAPI Rwy 14L—CTAF. Rwy 14L–32R NSTD HIRL lctd 50´ from rwy edge markings. Rwy 09–27 NSTD, mil ldg zone lgts only.

AIRPORT REMARKS: Attended continuously. Rwy 09–27 CLOSED exc mil ops. Rwy 14R–32L is CLOSED to all ngt ops exc taxiing. Rwy 14L–32R is CLOSED ngts 0600–1400Z‡ exc for special mil ngt trng ops. Flocks of large birds invof arpt April and October. Class IV, ARFF Index A. PPR for air carrier ops with more than 30 pax seats call 509–762–5363 from 0400–1400Z‡ ARFF dep staffed and equipped at Index D 24/7. Rwy 09–27 used as assault strip by C–17 acft. Rwy 09–27 and Twy F not visible from the twr. Rwy 18–36 avbl as air carrier twy movement area only. No edge intensity lgtg. Rwy 14L–32R first 10,000´ AER 32R grvd 150´ wide. Twy G unlighted. Extensive heavy mil jet acft ngt training 1900 PM–0300 AM lcl daily. Announce ldg intentions on CTAF after twr clsd. Heavy jet trng sfc to 5000´ within 25 miles of arpt, possible wake turbulence from larger acft using Rwy 14L–32R and Rwy 09–27. Ldg fee. Landing fees for acft over 12,500.

AIRPORT MANAGER: 509-762-5363

WEATHER DATA SOURCES: ASOS 119.05 (509) 762–5082. LAWRS.

COMMUNICATIONS: CTAF 118.25 **ATIS** 119.05 **UNICOM** 122.95
MOSES LAKE RCO 122.4 (SEATTLE RADIO)
® **GRANT COUNTY APP/DEP CON** 126.4 (1400–0600Z‡)
SEATTLE CENTER APP/DEP CON 126.1 (0600–1400Z‡)
TOWER 128.0 (WEST) 118.25 (EAST) (1400–0600Z‡) **GND CON** 121.9

AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47º12.65´ W119º19.01´ at fld. 1193/18E.
PELLY NDB (MHW/LOM) 408 MW N47º06.94´ W119º16.47´ 324º 5.9 NM to fld. 1136/18E.
ILS 109.5 I–MWH Rwy 32R. Class IB. LOM PELLY NDB. ILS and COMLO unmonitored when ATCT clsd.

MOSES LAKE MUNI (W2Ø) 2 NE UTC–8(–7DT) N47º08.52´ W119º14.27´ **SEATTLE**
1203 B NOTAM FILE SEA
RWY 16–34: H2513X50 (ASPH) S–8 MIRL
RWY 16: PAPI(P2L)—GA 3.0º. Thld dsplcd 466´. Tree.
RWY 34: PAPI(P2L)—GA 3.0º. Thld dsplcd 253´. Bldg. Rgt tfc.
SERVICE: S4
AIRPORT REMARKS: Unattended. Bird haz. Ultralgt opr reqd to obtain arpt safety briefing from arpt mgnt prior to initial use of arpt. Pilots bring own ropes.
AIRPORT MANAGER: (509) 764-3777
COMMUNICATIONS: CTAF/UNICOM 123.0
CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

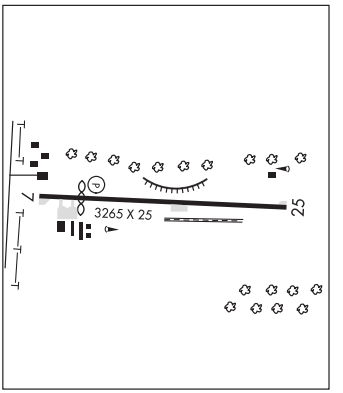
MOSES LAKE N47º12.65´ W119º19.01´ NOTAM FILE MWH. **SEATTLE**
(H) VORW/DME 115.0 MWH Chan 97 at Grant Co Intl. 1193/18E. **H–1C, L–13A**
RCO 122.4 (SEATTLE RADIO)

MOUNT CONSTITUTION N48º40.79´ W122º50.48´ **SEATTLE**
RCO 122.3 (SEATTLE RADIO) **L–1E**

NORMAN GRIER FLD (See KENT on page 197)

OAK HARBOR

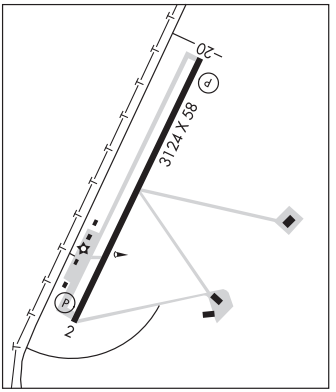
AJ EISENBERG (OKH)(KOKH) 3 SW UTC–8(–7DT) N48º15.09´ W122º40.42´ **SEATTLE**
193 B NOTAM FILE OKH **L–1E**
RWY 07–25: H3265X25 (ASPH) S–5 LIRL(NSTD) 1.6% up E **IAP**
RWY 07: PAPI(P2L). Thld dsplcd 507´. Fence. Rgt tfc.
RWY 25: Tree.
SERVICE: **FUEL** 100LL **LGT** Rwy 07–25 NSTD LIRL only West 2620´ rwy lgtd. ACTIVATE NSTD LIRL Rwy 07 and 25—CTAF.
AIRPORT REMARKS: Unattended. PPR for ultralights and gliders ctc arpt mgr phone 360–672–5695. Deer near all movement areas. Rwy 07–25 has svr weathering, rutting, and raveling over 20% of the sfc. Rwy 07 markings are faded.
AIRPORT MANAGER: (360) 672-5695
WEATHER DATA SOURCES: AWOS–3 132.775 (360) 675–8431.
COMMUNICATIONS: CTAF/UNICOM 122.8 **ATIS** 134.15 (Thru Whidbey Island NAS/Ault Fld)
Ⓡ **WHIDBEY APP/DEP CON** 118.2
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
PENN COVE (L) VORW/DME 117.2 CVV Chan 119 N48º14.68´ W122º43.47´ 060º 2.1 NM to fld. 200/19E.
DME portion unusable:
126º–160º byd 30 NM blo 2,200´
250º–260º byd 30 NM blo 3,400´
330º–360º byd 30 NM blo 2,200´
ASR



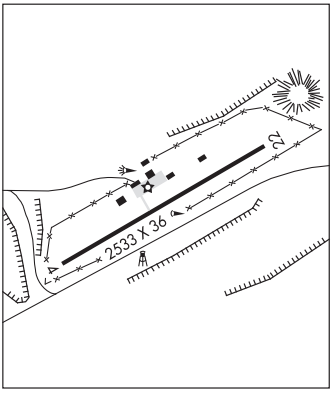
OCEAN SHORES MUNI (WØ4) 2 NE UTC–8(–7DT) N46º59.95´ W124º08.54´ **SEATTLE**
15 B NOTAM FILE SEA **L–1D**
RWY 15–33: H3100X50 (ASPH) S–12.5 MIRL
RWY 15: PAPI(P2L)—GA 3.0º TCH 40´.
RWY 33: PAPI(P2L)—GA 3.0º TCH 40´. Trees. Rgt tfc.
SERVICE: **LGT** ACTIVATE MIRL Rwy 15–33 and PAPI Rwy 15 and Rwy 33—CTAF.
AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Seabirds in safety and taxi areas and adjacent wetland. Rwy 15–33 has asph 50´ wide with 12.5´ grvl shoulders.
AIRPORT MANAGER: (360) 940-7487
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.
HOQUIAM (H) VORTACW 117.7 HQM Chan 124 N46º56.82´ W124º08.96´ 346º 3.1 NM to fld. 10/19E.

ODESSA MUNI (43D) 1 N UTC–8(–7DT) N47°20.86´ W118°40.63´ **SEATTLE**
1738 B NOTAM FILE SEA **L–13A**

RWY 02–20: H3124X58 (ASPH) S–5 MIRL 0.6% up N
RWY 02: PAPI(P2L)—GA 3.5° TCH 17´.
RWY 20: PAPI(P2L)—GA 3.0° TCH 14´.
AIRPORT REMARKS: Unattended. Deer invof of runway. Pilots bring own ropes.
AIRPORT MANAGER: 509-660-3024
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 072° 30.5 NM to fld. 1250/21E.
VOR unusable:
310°–350° byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280°–295° byd 25 NM blo 7,000´
310°–350° byd 25 NM blo 6,500´



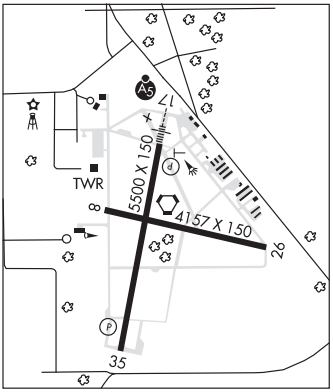
OKANOGAN LEGION (S35) 1 E UTC–8(–7DT) N48°21.72´ W119°34.05´ **SEATTLE**
1042 B NOTAM FILE SEA
RWY 04–22: H2533X36 (ASPH) S–6 MIRL
RWY 22: Hill. Rgt tfc.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 04–22 CTAF.
AIRPORT REMARKS: Unattended. Fuel, call 509–422–3600, 509–422–3071, 509–322–4710. 24 hr refueling. Down drafts over grvl pit 500´ off thld Rwy 04. Rwy 04–22 markings faded.
AIRPORT MANAGER: (509) 422-3600
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.



OLYMPIA

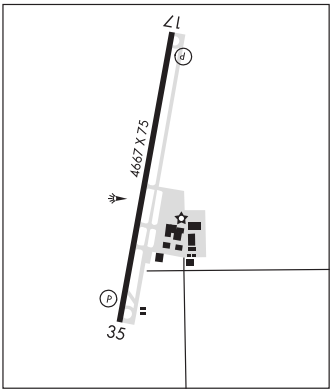
HOSKINS FLD (44T) 5 SE UTC–8(–7DT) N46°59.54´ W122°49.67´ **SEATTLE**
213 NOTAM FILE SEA
RWY 07–25: 2015X116 (TURF) 0.5% up E
RWY 07: Trees.
RWY 25: Trees.
AIRPORT REMARKS: Unattended. No helicopters. No ultralights. NS ABTMT procedures in effect, call arpt mgr 360–491–6723. Geese and ducks on and invof arpt. Recommend land Rwy 07, depart Rwy 25 when wind condition permits. Rwy 07–25 no line of sight btn rwy ends.
AIRPORT MANAGER: 360-491-6723
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

OLYMPIA RGNL (OLM)(KOLM) 4 S UTC–8(–7DT) N46º58.16´ W122º54.15´ **SEATTLE**
208 B LRA NOTAM FILE OLM **H–1B, L–1D**
RWY 17–35: H5500X150 (ASPH–GRVD) S–75, D–94, 2S–87, 2D–142 HIRL **IAP, AD**
RWY 17: MALSR. PAPI(P4L)—GA 3.0º TCH 54´.
RWY 35: REIL. PAPI(P4L)—GA 3.0º TCH 50´. Rgt tfc.
RWY 08–26: H4157X150 (ASPH) S–30
RWY 08: Trees. Rgt tfc.
RWY 26: Tree.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3, 4 **LGT** PAPI Rwy 17 and Rwy 35 opr continuously. When twr clsd ACTIVATE HIRL Rwy 17–35, MALSR Rwy 17, REIL Rwy 35, twy lgts and directional signage—CTAF.
AIRPORT REMARKS: Attended 1600–0200Z‡. Airport field conditions unmonitored 0100– 1500Z‡. Twy lgts on Twy A, Twy B, Twy L and Twy W.
AIRPORT MANAGER: 360-528-8074
WEATHER DATA SOURCES: ASOS 135.725 (360) 754–0781. SAWRS.
COMMUNICATIONS: CTAF 124.4 **ATIS** 135.725 **UNICOM** 122.95
Ⓡ**SEATTLE APP/DEP CON** 121.1
TOWER 124.4 (1600–0400Z‡) **GND CON** 121.6
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4723.
AIRSPACE: CLASS D svc 1600–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
(H) VORTACW 113.4 OLM Chan 81 N46º58.30´ W122º54.11´ at fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223º–258º byd 20 NM blo 4,100´
258º–283º byd 30 NM blo 4,100´
358º–043º byd 10 NM blo 6,000´
358º–043º byd 20 NM blo 7,000´
ILS 111.9 I–OLM Rwy 17. Class IB. Unmonitored when ATCT closed. LOC unusable byd 25º rgt of course.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

OMAK (OMK)(KOMK) 3 N UTC–8(–7DT) N48º27.86´ W119º31.08´ **SEATTLE**
1305 B NOTAM FILE OMK **L–13A**
RWY 17–35: H4667X75 (ASPH–GRVD) S–75, D–200, 2D–400 MIRL **IAP**
RWY 17: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
RWY 35: REIL. PAPI(P2L)—GA 3.0º TCH 40´.

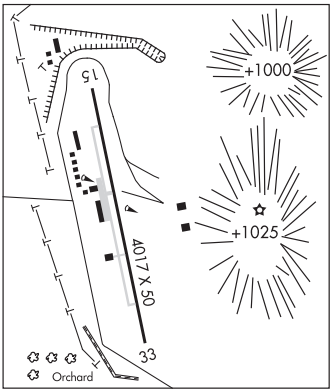


SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 17 and Rwy 35; MIRL Rwy 17–35—CTAF. PAPI Rwy 17 and Rwy 35 opr continuously. Rwy 17 VGSI unusbl byd 2.5 NM, does not provide obstn clnc byd 2.5 NM from thld.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs–credit card, no govt credit cards. Cold temperature restricted airport. Altitude correction required at or below –15°C.
AIRPORT MANAGER: 509-826-1170
WEATHER DATA SOURCES: ASOS 118.325 (509) 826–2655.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.2 (SEATTLE RADIO)
SEATTLE CENTER APP/DEP CON 126.1
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47º22.68´ W119º25.44´ 336º 65.3 NM to fld. 1250/21E.
VOR unusable:
310º–350º byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280º–295º byd 25 NM blo 7,000´
310º–350º byd 25 NM blo 6,500´

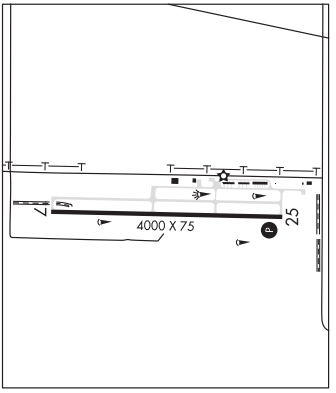
ORCAS ISLAND (See EASTSOUND on page 187)

OROVILLE

DOROTHY SCOTT (ØS7) 2 NE UTC–8(–7DT) N48º57.54´ W119º24.72´ **SEATTLE**
1069 B AOE LRA NOTAM FILE SEA **L–13A**
RWY 15–33: H4017X50 (ASPH) S–5 MIRL
RWY 15: Bldg. Rgt tfc.
RWY 33: Trees.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Attended dawn–dusk. On call for service, alternate number 509–322–2887. Wildlife adj to rwy and twy. Rwy 15–33 cracks in twy pavement. Cstms telephone 509–476–2955. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (509) 560-0292
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE MWH.
MOSES LAKE (H) VORW/DME 115.0 MWH Chan 97 N47º12.65´ W119º19.01´ 340º 105.0 NM to fld. 1193/18E.



OTHELLO MUNI (S7Ø) 4 SE UTC–8(–7DT) N46º47.65´ W119º04.81´ **SEATTLE**
1149 B NOTAM FILE SEA **L–13A**
RWY 07–25: H4000X75 (ASPH) S–16 MIRL 0.3% up E
RWY 07: REIL. Road.
RWY 25: REIL. PAPI(P2L)—GA 3.0º TCH 32´. Road.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 07 and Rwy 25; PAPI Rwy 25; MIRL Rwy 07–25—CTAF.
AIRPORT REMARKS: Unattended. Irrigation pivot ocnly oprs across extdd cntrln of Rwy 25. Aprx 750´ byd rwy end dur growing season.
AIRPORT MANAGER: (509) 761-1004
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.
PASCO (L) VORW/DME 109.8 PSC Chan 35 N46º16.22´ W119º07.04´ 348º 31.5 NM to fld. 406/15E.
DME unusable:
160º–170º byd 30 NM



PACKWOOD (55S) 0 W UTC–8(–7DT) N46º36.25´ W121º40.67´ **SEATTLE**
1057 B NOTAM FILE SEA
RWY 01–19: H2356X38 (ASPH) MIRL
RWY 01: Trees.
RWY 19: Trees.
SERVICE: **LGT** ACTIVATE Rwy 01–19 MIRL—CTAF.
AIRPORT REMARKS: Unattended. Rwy 01–19 soft shoulders both sides, use rwy for back taxi.
AIRPORT MANAGER: (360) 864-4966
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

PANGBORN MEM (See WENATCHEE on page 233)

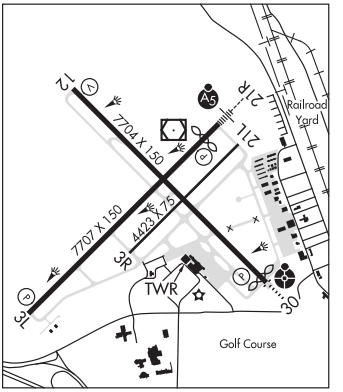
PASCO

TRI–CITIES (PSC)(KPSC) 2 NW UTC–8(–7DT) N46º15.88´ W119º07.14´ **SEATTLE**
410 B Class I, ARFF Index B NOTAM FILE PSC **H–1C, L–13A**
IAP, AD

RWY 03L–21R: H7707X150 (ASPH–GRVD) S–150, D–200, 2S–175, 2D–400 PCN 47 F/B/X/T HIRL
RWY 03L: REIL. PAPI(P4L)—GA 3.0º TCH 49´. RVR–R Tree.
RWY 21R: MALSR. PAPI(P4L)—GA 3.0º TCH 54´. RVR–T Thld dsplcd 597´. Pole. Rgt tfc.

RWY 12–30: H7704X150 (ASPH–GRVD) S–150, D–200, 2S–175, 2D–400 PCN 53 F/C/X/T MIRL
RWY 12: REIL. VASI(V4L)—GA 3.0º TCH 56´.
RWY 30: ODALS. PAPI(P4L)—GA 3.0º TCH 54´. Thld dsplcd 200´. Tree.

RWY 03R–21L: H4423X75 (ASPH) S–52, D–85, 2S–108, 2D–108, 2D/2D2–150 PCN 13 F/B/X/T
RWY 03R: Rgt tfc.
RWY 21L: Tower.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 03L:	TORA–7707	TODA–7707	ASDA–7707	LDA–7707
RWY 03R:	TORA–4423	TODA–4423	ASDA–4423	LDA–4423
RWY 12:	TORA–7704	TODA–7704	ASDA–7504	LDA–7504
RWY 21L:	TORA–4423	TODA–4423	ASDA–4423	LDA–4423
RWY 21R:	TORA–7707	TODA–7707	ASDA–7707	LDA–7110
RWY 30:	TORA–7704	TODA–7704	ASDA–7704	LDA–7504

SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 2 **LGT** When twr clsd HIRL Rwy 03L–21R and MIRL Rwy 12–30 preset on low intensity to increase intensity and ACTIVATE MALSR Rwy 21R and ODALS Rwy 30—CTAF.

AIRPORT REMARKS: Attended 1600–0400Z‡. After hrs fuel call 509–547–6271 or 509–545–5524. Call out fee. Fuel 24 hour credit card svc avbl. Rwy 03R–21L sfc cracking. Waterfowl on and in vicinity of arpt spring and fall. PPR to unscheduled air carrier ops with more than 30 passenger seat call arpt manager 509–547–6352. Rwy 21L and Rwy 03R not avbl as movement area for air carrier acft with more than 9 passenger seats or greater for ldg and tkf. Rwy 03R–21L is avbl for air carrier acft for taxiing during dalgt and VFR conditions only.

AIRPORT MANAGER: 509-547-6352

WEATHER DATA SOURCES: ASOS (509) 547–7379 LAWRS SAWRS.

COMMUNICATIONS: CTAF 135.3 **ATIS** 125.65 **UNICOM** 122.95
JUMP–OFF–JOE RCO 122.4 (SEATTLE RADIO)
Ⓡ **CHINOOK APP/DEP CON** 128.75 (N & W) 133.15 (S & E) (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600–1400Z‡)
TOWER 135.3 (1400–0600Z‡) **GND CON** 121.8 **CLNC DEL** 120.0

AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.
PASCO (L) VORW/DME 109.8 PSC Chan 35 N46º16.22´ W119º07.04´ at fld. 406/15E.
DME unusable:
160º–170º byd 30 NM
ILS/DME 108.7 I–PSC Chan 24 Rwy 21R. Class IE. Unmonitored when ATCT closed.

PEARSON FLD (See VANCOUVER on page 230)

PELLY N47º06.94´ W119º16.47´ NOTAM FILE MWH. **SEATTLE**
NDB (MHW/LOM) 408 MW 324º 5.9 NM to Grant Co Intl. 1136/18E. **L–13A**

PENN COVE N48º14.68´ W122º43.47´ NOTAM FILE SEA. **SEATTLE**
(L) VORW/DME 117.2 CVV Chan 119 060º 2.1 NM to Aj Eisenberg. 200/19E. **L–1E**
DME portion unusable:
126º–160º byd 30 NM blo 2,200´
250º–260º byd 30 NM blo 3,400´
330º–360º byd 30 NM blo 2,200´

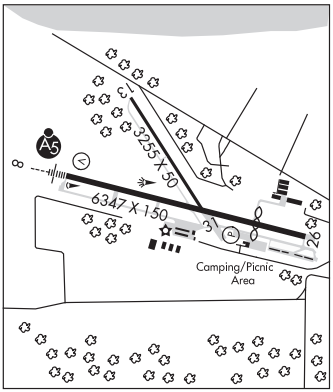
PIERCE CO – THUN FLD (See PUYALLUP on page 212)

POINT ROBERTS AIRPARK (1RL) 1 SW UTC–8(–7DT) N48º58.63´ W123º04.75´ **SEATTLE**
11 NOTAM FILE SEA
RWY 16–34: 2265X125 (TURF) LIRL
RWY 16: Trees. Rgt tfc.
RWY 34: Trees.
SERVICE: **LGT** SS–SR.
AIRPORT REMARKS: Attended Mon–Fri 1700–0100Z‡. When able land to the north and depart to the south. Tfc pat west of fld over water. NS ABTMT procedures in effect, ctc arpt mgr for details at 778–846–4311. TKF to the south, 15 degrees right turn for NS ABTMT. TKF to the north, turn 30 degrees west as soon as possible. Parking avbl on grass area. No tie downs provided. $5 per ngt fee.
AIRPORT MANAGER: (778) 846-4311
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
COMM/NAV/WEATHER REMARKS: Boundary Bay (CZBB) ATIS avbl, 125.5 or 1–877–517–2847 Boundary Bay twr 118.1 or 127.6.

PORT ANGELES

PORT ANGELES SPB (W66) 1 NE UTC–8(–7DT) N48º07.00´ W123º24.79´ **SEATTLE**
00 NOTAM FILE SEA Not insp.
WATERWAY 11W–29W: 3200X999 (WATER)
AIRPORT MANAGER: 360 417 3376
COMMUNICATIONS: CTAF 122.975

WILLIAM R FAIRCHILD INTL (CLM)(KCLM) 3 NW UTC–8(–7DT) N48º07.21´ W123º29.98´ **SEATTLE**
291 B LRA NOTAM FILE CLM **H–1B, L–1E**
RWY 08–26: H6347X150 (ASPH–GRVD) S–55, D–66, 2S–83, 2D–115 MIRL **IAP**
RWY 08: MALSR. VASI(V4L)—GA 3.0º TCH 50´. Trees.
RWY 26: REIL. PAPI(P4L)—GA 3.7º TCH 50´. Thld dsplcd 1354´. Antenna. Rgt tfc.
RWY 13–31: H3255X50 (ASPH) S–30 1.4% up SE
RWY 13: Trees.
RWY 31: Trees. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** RWY 26 PAPI UNUSBL BYD 8 DEGS L of CNTRLN. ACTVT MALSR Rwy 08; MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Attended 1700–0330Z‡. For after hours Jet A call 360–452–6226. Rwy 13–31 CLOSED dusk to dawn. Waterfowl and birds on and invof arpt.
AIRPORT MANAGER: (360) 417-3376
WEATHER DATA SOURCES: ASOS 135.175 (360) 457–1070.
COMMUNICATIONS: CTAF/UNICOM 122.975
PORT ANGELES RCO 122.6 (SEATTLE RADIO)
Ⓡ**WHIDBEY APP/DEP CON** 118.2
CLNC DEL 124.15



CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48º17.99´ W124º37.62´ 081º 46.5 NM to fld. 1650/22E.
ELWHA NDB (MHW/LOM) 515 CL N48º09.01´ W123º40.22´ 089º 7.1 NM to fld. 1096/16E. NOTAM FILE CLM. NDB unusable:
100º–235º byd 12 NM
ILS 108.9 I–CLM Rwy 08. Class IA. LOM ELWHA NDB. NDB/LOM unusable 100º–235º byd 12 NM.

PORT ANGELES N48º06.99´ W123º29.13´ **SEATTLE**
RCO 122.6 (SEATTLE RADIO) **L–1E**

PORT ANGELES CGAS (NOW)(KNOW) CG 2 N UTC–8(–7DT) N48º08.48´ W123º24.84´ **SEATTLE**
13 B NOTAM FILE SEA Not insp. **L–1E**
RWY 08–26: H4500X150 (ASPH) PCN 15 F/B/W/T MIRL **IAP, DIAP**
SERVICE: MILITARY— JASU 1(MD–3) **FUEL** J8 – Avbl to SAR and CG msn only. **TRAN ALERT** Tran acft arr btn 1500–0000Z‡ only. Ctc Port Angeles Air on 345.0 or 127.7 15 min prior to ldg. Tran qtrs not avbl.
MILITARY REMARKS: Birds on rwy all yr. Bldgs as close as 126´ from rwy cntrln. **RSTD** CLOSED to non–CG/tran acft without 24 hr PPR C360–417–5840. 24 hr PPR for all tran acft. **CAUTION** 150´ twr 75 yards S of rwy, marked by strobe lgt.
AIRPORT MANAGER: 360-417-5840
WEATHER DATA SOURCES: AWOS–3P 118.325 (360) 457–7529.
COMMUNICATIONS: CTAF/UNICOM 122.975
WHIDBEY APP/DEP 118.2 285.65 **CLNC DEL** 124.15
PORT ANGELES AIR 127.7 345.0
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
EDIZ HOOK NDB (MHW) 338 NOW N48º08.39´ W123º24.20´ at fld. 6/17E.
NDB unusable:
120º–190º byd 10 NM
190º–120º byd 15 NM
COMM/NAV/WEATHER REMARKS: Advsy info avbl at Port Angeles Air on PN, other CG frequencies avbl on req. Ctc CG–OPS 127.7/345.0. VFR advsy on 381.8/2182.0/2703.0/3120.0/5692.0/8980.0.

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HELIPAD H1: H100X100 (ASPH) LIRL

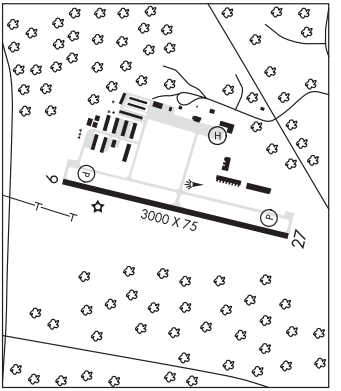
PORT OF ILWACO (See ILWACO on page 194)

PORT OF POULSBO MARINA MOORAGE SPB (See POULSBO on page 210)

PORT OF WHITMAN BUSINESS AIR CENTER (See COLFAX on page 184)

PORT TOWNSEND

JEFFERSON CO INTL (ØS9) 6 SW UTC–8(–7DT) N48º03.23´ W122º48.64´ **SEATTLE**
110 B TPA—1000(890) AOE LRA NOTAM FILE SEA **L–1D**
RWY 09–27: H3000X75 (ASPH) S–12.5 MIRL **IAP**
RWY 09: REIL. PAPI(P2L)—GA 4.25º TCH 43´. Trees. Rgt tfc.
RWY 27: REIL. PAPI(P2R)—GA 4.25º TCH 42´. Tree.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 09–27—CTAF.
AIRPORT REMARKS: Attended 1700–0200Z‡. 100LL fuel avbl 24 hrs with credit card. No cash sales. NS ABTMT procedures in effect ctc arpt mgr 360–385–0656. Tkf and ldg prohibited on turf next to rwy. PAPI Rwy 09 are baffled byd 6.5° left of rwy cntrln due to terrain. PAPI Rwy 27 are baffled byd 6.5° rgt of rwy cntrln due to terrain.
AIRPORT MANAGER: 360-385-0656
WEATHER DATA SOURCES: AWOS–3P 119.025 (360) 379–1199.
COMMUNICATIONS: CTAF/UNICOM 123.0
APP/DEP CON 118.2
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.
PAINE (L) VORW/DME 110.6 PAE Chan 43 N47º55.19´ W122º16.67´ 271º 22.9 NM to fld. 669/20E.



POULSBO

PORT OF POULSBO MARINA MOORAGE SPB (83Q) 0 N UTC–8(–7DT) N47º43.26´ W122º38.53´ **SEATTLE**
00 NOTAM FILE SEA
WATERWAY 13W–31W: 12000X4000 (WATER)
SEAPLANE REMARKS: Attended 1600–0000Z‡. No attendance Thanksgiving and Christmas. Dock closed 3rd weekend in May and July 3rd. Dock not accessible during –2´ or greater low tides. Orange buoy 100´ SW of tran dock marks low tide rocks.
AIRPORT MANAGER: 360-779-9905
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

PROSSER (S4Ø) 1 NW UTC–8(–7DT) N46º12.80´ W119º47.73´ **SEATTLE**
706 B TPA—1506(800) NOTAM FILE SEA **L–13A**

RWY 08–26: H3452X61 (ASPH) S–16 MIRL 0.6% up W
RWY 08: REIL. Trees.
RWY 26: REIL. Rgt tfc.

SERVICE: FUEL 100LL **LGT** ACTVT REIL Rwy 08 and Rwy 26; MIRL Rwy 08–26—CTAF.

AIRPORT REMARKS: Unatndd. Twys marked for ngt ops with retro–reflective devices. Pilots bring own ropes.

AIRPORT MANAGER: 509-713-1417

WEATHER DATA SOURCES: AWOS–1 121.125 (509) 786–8889.

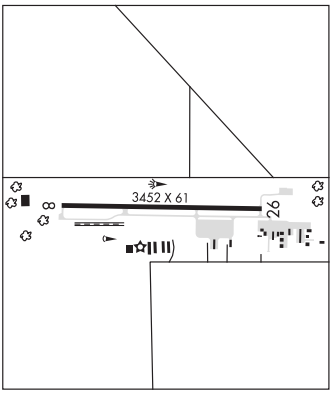
COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.

PASCO (L) VORW/DME 109.8 PSC Chan 35 N46º16.22´ W119º07.04´ 248º 28.5 NM to fld. 406/15E.
DME unusable:
160º–170º byd 30 NM

COMM/NAV/WEATHER REMARKS: UNICOM 122.8: 1700–0100Z‡ only.



PRU FLD (See RITZVILLE on page 216)

PULLMAN/MOSCOW RGNL (PUW)(KPUW) 3 NE UTC–8(–7DT) N46º44.50´ W117º06.70´ **SEATTLE**
2567 B Class I, ARFF Index B NOTAM FILE PUW **H–1C, L–13B**
IAP, AD

RWY 05–23: H7100X150 (ASPH–GRVD) S–120, D–239, 2D–385
PCN 68 F/C/X/T HIRL
RWY 05: MALSR. PAPI(P4L)—GA 3.0º TCH 49´. RVR–T Fence.
RWY 23: REIL. PAPI(P4R)—GA 3.4º TCH 58´. RVR–R Ground.

RUNWAY DECLARED DISTANCE INFORMATION
RWY 05: TORA–7100 TODA–7100 ASDA–7100 LDA–7100
RWY 23: TORA–7100 TODA–7100 ASDA–7100 LDA–7100

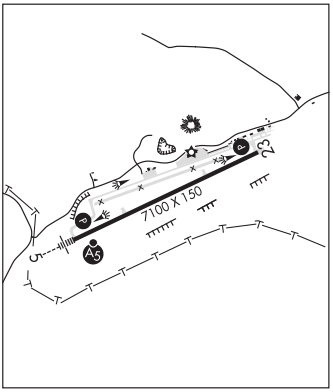
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 05; REIL Rwy 23; PAPI Rwy 05 and 23; HIRL Rwy 05–23—CTAF.

AIRPORT REMARKS: Attended 1600–0200Z‡. CLOSED to unscheduled air carrier ops with more than 30 pax seats exc PPR call arpt mgr 509–338–3223. Parachute Jumping. Non–paved areas soft. No parking between rwy and twy and within 30´ of twy to the northwest. No non–paved acft ops auth. Ldg fee for all coml acft and all itinerant acft over 7,000 lbs. Fuel: Mogas on fld—509–332–6569.

AIRPORT MANAGER: 509-338-3223

WEATHER DATA SOURCES: ASOS 135.675 (509) 334–3222.

COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.6 (SEATTLE RADIO)
SEATTLE CENTER APP/DEP CON 123.95



CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.

AIRSPACE: CLASS E svc 1400–0600Z‡ Mon–Fri, 1700–0000Z‡ Sat, 1900–0600Z‡ Sun; other times CLASS G.

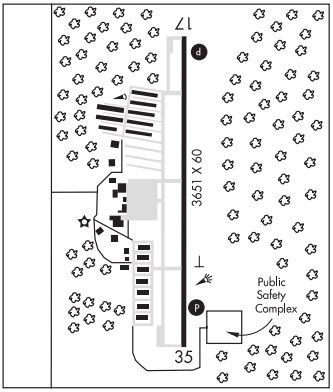
RADIO AIDS TO NAVIGATION: NOTAM FILE PUW.

(L) VORW/DME 109.0 PUW Chan 27 N46º40.45´ W117º13.41´ 029º 6.1 NM to fld. 2772/20E. DME unmonitored.

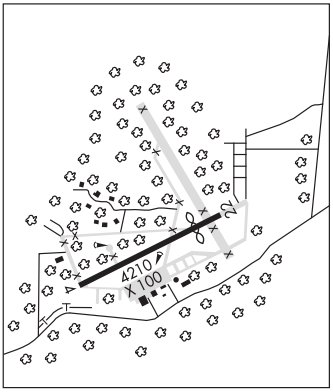
ILS/DME 110.35 I–PUW Chan 40(Y) Rwy 05. Class IE.

PUYALLUP

PIERCE CO – THUN FLD (PLU)(KPLU) 5 S UTC–8(–7DT) N47º06.24´ W122º17.23´ **SEATTLE**
538 B NOTAM FILE PLU **L–1D**
RWY 17–35: H3651X60 (ASPH) HIRL **IAP**
RWY 17: REIL. PAPI(P4L)—GA 4.0º TCH 53´. Trees.
RWY 35: REIL. PAPI(P4R)—GA 4.0º TCH 53´. Road.
SERVICE: S4 **FUEL** 100LL **OX** 4 **LGT** ACTVT REIL Rwy 17 and Rwy 35; PAPI Rwy 17 and Rwy 35; HIRL Rwy 17–35–CTAF.
AIRPORT REMARKS: Attended 1600–0000Z‡. Fuel avbl 24 hrs with credit card. Ultralights prohibited. Noise sensitive all quadrants.
AIRPORT MANAGER: 253-798-3779
WEATHER DATA SOURCES: AWOS–3 128.575 (253) 848–2748.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ**SEATTLE APP/DEP CON** 126.5
CLNC DEL 121.85
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.
RADIO AIDS TO NAVIGATION: NOTAM FILE TCM.
MCCHORD (T) VORTAC 109.6 TCM Chan 33 N47º08.86´ W122º28.50´ 094º 8.1 NM to fld. 283/15E.
No NOTAM MP 0800–1700Z‡ and 2100–2300Z‡ Wed
VOR unusable:
033º–043º byd 12 NM blo 8,500´
043º–063º byd 12 NM
063º–076º byd 19 NM
076º–082º byd 19 NM blo 8,000´
076º–082º byd 24 NM blo 10,000´
142º–153º byd 12 NM
153º–163º byd 12 NM blo 5,800´
207º–277º byd 12 NM
307º–082º byd 10 NM blo 8,000´
307º–347º byd 12 NM
347º–033º byd 19 NM



QUILLAYUTE (UIL)(KUIL) 7 E UTC–8(–7DT) N47º56.20´ W124º33.76´ **SEATTLE**
193 NOTAM FILE UIL **L–1D**
RWY 04–22: H4210X100 (CONC) S–30, D–50 0.4% up NE
RWY 04: Trees.
RWY 22: Thld dsplcd 800´.
AIRPORT REMARKS: Unattended. Pedestrians, veh and animals on and invof rwy.
AIRPORT MANAGER: 360-374-5412
WEATHER DATA SOURCES: ASOS 135.225 (360) 374–9731.
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48º17.99´ W124º37.62´ 151º 22.0 NM to fld. 1650/22E.



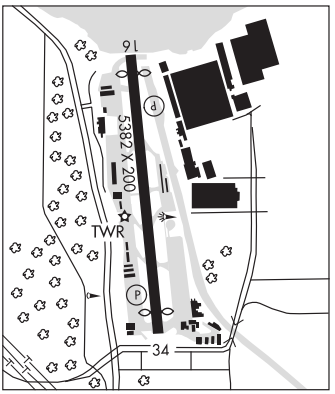
QUINCY MUNI (8ØT) 2 SE UTC–8(–7DT) N47°12.70´ W119°50.39´ **SEATTLE**
1271 B NOTAM FILE SEA **L–13A**
RWY 09–27: H3660X50 (ASPH–AFSC) MIRL 0.3% up W
RWY 09: Road.
RWY 27: Thld dsplcd 200´. Road.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–3460 TODA–3460 ASDA–3660 LDA–3660
RWY 27: TORA–3660 TODA–3660 ASDA–3460 LDA–3460
AIRPORT REMARKS: Unattended. Gravel roads cross Rwy 27 2175´ from apch end where ditches pass under rwy. Berms, brush, roads, fences and –20´ ditches in primary sfc. Twys marked with reflective devices. 15 ft high irrigation pivot point west side of rwy, mid–field. Pilots bring own ropes.
AIRPORT MANAGER: 509-787-3715
COMMUNICATIONS: CTAF 122.9
Ⓡ **GRANT COUNTY APP/DEP CON** 126.4 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 126.1 (0600–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EAT.
WENATCHEE (L) VORW/DME 111.0 EAT Chan 47 N47°23.98´ W120°12.65´ 112° 18.9 NM to fld. 1222/15E.
VOR unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM
DME unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM

R & K SKYRANCH (See ROCHESTER on page 217)

RANGER CREEK (See GREENWATER on page 194)

RENTON

RENTON MUNI (RNT)(KRNT) 0 NW UTC–8(–7DT) N47°29.59´ W122°12.95´ **SEATTLE**
32 B TPA—See Remarks LRA NOTAM FILE RNT **H–1B, L–1D**
RWY 16–34: H5382X200 (ASPH–CONC–GRVD) S–100, D–130, **IAP, AD**
2D–340 MIRL(NSTD)
RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 50´. Thld dsplcd 304´. Trees.
RWY 34: REIL. PAPI(P2L)—GA 3.75° TCH 59´. Thld dsplcd 340´. Road. Rgt tfc.

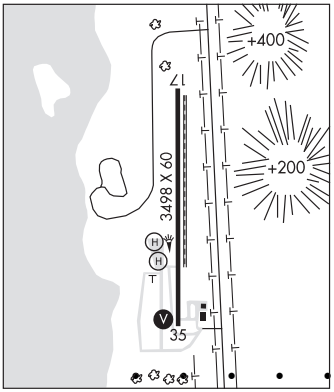


RUNWAY DECLARED DISTANCE INFORMATION
RWY 16: TORA–5382 TODA–5382 ASDA–5042 LDA–4742
RWY 34: TORA–5382 TODA–5382 ASDA–5082 LDA–4742
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4 **LGT** Rwy 16–34 NSTD MIRL, 340´ southwest end unlgtd. ACTIVATE REIL Rwy 16 and Rwy 34, MIRL Rwy 16–34, and twy lgts—CTAF.
AIRPORT REMARKS: Attended 1500Z‡–Dusk. Acft rqrg svcs ctc 122.85 or 122.77. Numerous flocks of birds invof arpt and along Lake Washington shoreline at all times. Rwy 34 12´ blast fence 155´ from EOR. Be alert for Boeing production acft being towed across the rwy dur hrs twr clsd. Spb northwest corner of arpt. TPA–1032(1000). TPA West of the fld is 1218´ AGL due to terrain immediately west of the arpt. West twy clsd to acft with wing span 118´ or over. Twy B btn Twy B3 and Twy B5 clsd to acft with wing span 50´ or over. During RNT twr hrs of opr and VMC wx, RNT twr has control of the W channel, over the water, at and blo 800´ AGL. If opr in the W channel above 800´ AGL or outside of RNT twr opr hrs, ctc Boeing twr, 118.3, prior to opr in the W channel. NS ABTMT procedures in effect ctc arpt mgr 425–430–7471. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (425) 430-7471
WEATHER DATA SOURCES: ASOS 126.95 (425) 255–6080. LAWRS.
COMMUNICATIONS: CTAF 124.7 **ATIS** 126.95 **UNICOM** 122.95
Ⓡ **SEATTLE APP/DEP CON** 119.2 (076°–160° Rwy 16) (341°–075°) 120.1 (199°–300°) 120.4 (301°–340° Rwy 34) 125.9 (076°–160° Rwy 34) (301°–340° Rwy 16) 126.5 (161°–198°)
TOWER 124.7 (Oct 1–Apr 30 1500–0400Z‡, May 1–Sept 30 1500–0500Z‡) **GND CON** 121.6
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4722.
AIRSPACE: CLASS D svc 1500–0400Z‡ Oct 1–Apr 30, 1500–0500Z‡ May 1–Sep 30; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47°26.12´ W122°18.58´ 029° 5.2 NM to fld. 348/19E.
VOR unusable:
008°–023° byd 20 NM blo 3,500´
008°–023° byd 30 NM blo 4,100´
233°–273° byd 20 NM blo 8,000´
233°–273° byd 30 NM blo 10,000´
233°–273° byd 35 NM blo 11,000´
233°–273° byd 8 NM blo 5,500´
303°–333° byd 20 NM blo 2,900´
303°–333° byd 30 NM blo 4,000´
333°–353° byd 15 NM blo 3,500´
353°–008° byd 20 NM blo 2,900´
DME unusable:
008°–028° byd 20 NM blo 4,500´
008°–028° byd 30 NM blo 7,000´
203°–219° byd 27 NM
220°–225° byd 20 NM
226°–239° byd 27 NM
240°–253° byd 15 NM
303°–008° byd 30 NM blo 3,500´
TACAN AZIMUTH unusable:
008°–163°
303°–008° byd 30 NM blo 3,500´
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

WILL ROGERS WILEY POST MEM SPB (W36) 1 N UTC–8(–7DT) N47°29.99´ W122°13.16´ **SEATTLE**
14 LRA NOTAM FILE RNT
WATERWAY 12W–30W: 5000X200 (WATER)
WATERWAY 12W: Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4
SEAPLANE REMARKS: Attended 1500Z‡–Dusk. Ctc Renton twr when opr, for tfc data. When twr not opr announce intentions on 124.7. During RNT twr hrs of opr and VMC wx, RNT twr has control of the W channel, over the water, at and blo 800´ AGL. If opr in the W channel above 800´ AGL or outside of RNT twr opr hrs, ctc Boeing twr, 118.3, prior to opr in the W channel. Flocks of waterfowl in vcnty, be alert ldgs and tkfs. Water depths vary at docks and seaplane launch ramp. Use caution for localized shoaling. Extv boating and personal watercraft in vcnty. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (425) 430-7471
COMMUNICATIONS: CTAF 124.7 **UNICOM** 122.8
CLEARANCE DELIVERY PHONE: For CD when Renton muni ATCT is clsd ctc Seattle Apch at 206-214-4722

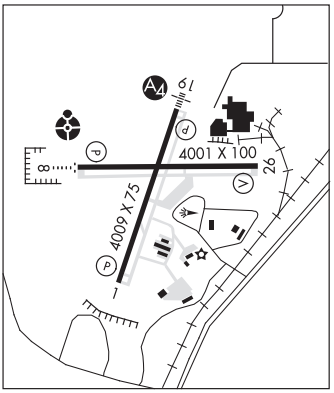
REPUBLIC

FERRY CO (R49) 6 NE UTC–8(–7DT) N48°43.09´ W118°39.39´ **SEATTLE L–13A**
2522 B TPA—3322(800) NOTAM FILE SEA
RWY 17–35: H3498X60 (ASPH) MIRL
RWY 17: Trees. Rgt tfc.
RWY 35: VASI(V2L)—GA 4.0° TCH 23´. Trees.
SERVICE: **LGT** ACTIVATE VASI Rwy 35; MIRL Rwy 17–35—122.8.
AIRPORT REMARKS: Unattended. Suggest ngt ldgs be made on Rwy 35. Rwy 17–35 trees located on unlgtd unmarked mountainous terrain. P–lines NE of Rwy 17 lgtd dusk–dawn. Wildlife invof of rwy.
AIRPORT MANAGER: 616 822-0483
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 360° 86.2 NM to fld. 1250/21E.
VOR unusable:
310°–350° byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280°–295° byd 25 NM blo 7,000´
310°–350° byd 25 NM blo 6,500´



HELIPAD H1: H20X20 (CONC)
HELIPAD H2: H20X20 (CONC)

RICHLAND (RLD)(KRLD) 2 NW UTC–8(–7DT) N46°18.34´ W119°18.25´ **SEATTLE L–13A IAP**
394 B TPA—1194(800) NOTAM FILE SEA MON Airport
RWY 01–19: H4009X75 (ASPH) S–30, D–45, 2D–70 MIRL
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 30´. Antenna.
RWY 19: MALS. REIL. PAPI(P2L)—GA 3.0° TCH 30´. Pole. Rgt tfc.
RWY 08–26: H4001X100 (ASPH) S–30, D–45, 2D–70 MIRL
RWY 08: ODALS. PAPI(P2L)—GA 3.0° TCH 40´.
RWY 26: VASI(V4L)—GA 3.0° TCH 52´. Railroad. Rgt tfc.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE MIRL Rwy 01–19; REIL Rwy 01 and Rwy 19; MALS Rwy 19; ODALS Rwy 08—CTAF. VASI Rwy 26; PAPI Rwy 01, Rwy 08 and Rwy 19 opr 24 hrs.
AIRPORT REMARKS: Attended 1600–0200Z‡. Fuel by major credit card – 24 hr avbl. Rwy 01–19 preferred in calm wind conditions. Road 550´ west of AER 08. Retro–reflective devices along twys. Pilots bring own ropes.
AIRPORT MANAGER: 509-375-3060
WEATHER DATA SOURCES: AWOS–3PT 132.675 (509) 375–4247.
COMMUNICATIONS: CTAF/UNICOM 122.7
Ⓡ **CHINOOK APP/DEP CON** 128.75 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600–1400Z‡)
SEATTLE CLNC DEL 122.4
RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.
PASCO (L) VORW/DME 109.8 PSC Chan 35 N46°16.22´ W119°07.04´ 270° 8.1 NM to fld. 406/15E.
DME unusable:
160°–170° byd 30 NM
LOC/DME 110.5 I–RLD Chan 42 Rwy 19. LOC and LOM unmonitored when pasco ATCT clsd.



RIMROCK

TIETON STATE (4S6) 2 S UTC–8(–7DT) N46º38.25´ W121º07.44´ **SEATTLE**

2964 NOTAM FILE SEA

RWY 02–20: 2509X100 (TURF)

RWY 02: Trees.

RWY 20: Trees.

AIRPORT REMARKS: Unattended. Clsd 1 Oct–1 June exc for approved mil and public safety/law enforcement helicopter ops. Be alert, arpt winter recreation activities during arpt clsd periods. Mil, low apch only during clsd periods. Mountainous terrain surrounds arpt. Rwy 02 obstructed by mountains at 1000´. Rwy 20 obstructed by mountains at 1000´. Vehicles, pedestrians, and animals on and invof arpt. Rwy 02–20 sfc grass and small grvl. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Rwy marked with reflectors during dates arpt is open.

AIRPORT MANAGER: (360) 618-2477

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RITZVILLE

PRU FLD (33S) 1 W UTC–8(–7DT) N47º07.41´ W118º23.36´ **SEATTLE**

1801 B NOTAM FILE SEA **L–13A**

RWY 01–19: H3433X40 (ASPH) S–12.5 MIRL

RWY 01: PAPI(P2L)—GA 4.0º TCH 40´. P–line.

RWY 19: PAPI(P2R)—GA 3.5º TCH 45´. Thld dsplcd 820´. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA–2614 TODA–2614 ASDA–3433 LDA–3433

RWY 19: TORA–3433 TODA–3433 ASDA–3433 LDA–2614

SERVICE: **LGT** ACTIVATE MIRL Rwy 01–19; PAPI Rwy 01 and Rwy 19—CTAF.

AIRPORT REMARKS: Unattended. Arpt clsd when snow and ice on rwy. Pilots bring ropes.

AIRPORT MANAGER: 509-659-1930

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.

SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47º33.90´ W117º37.61´ 209º 40.9 NM to fld. 2756/21E.

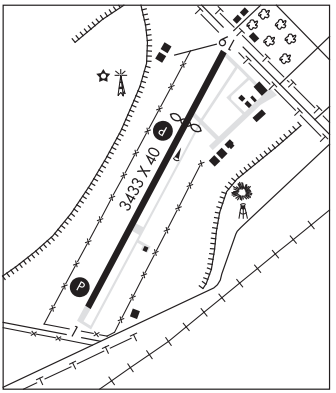
VOR portion unusable:

300º–330º byd 30 NM blo 9,000´

335º–360º byd 18 NM blo 7,000´

335º–360º byd 25 NM

360º–015º byd 26 NM blo 7,000´



RIVERVIEW AIRPARK (See CHELAN on page 183)

ROCHE HARBOR SPB (W39) 0 SW UTC–8(–7DT) N48º36.49´ W123º09.58´ **SEATTLE**

00 NOTAM FILE SEA

WATERWAY NE–SW: 5000X1000 (WATER)

WATERWAY NW–SE: 2500X500 (WATER)

SEAPLANE REMARKS: Unattended. Call ahead for moorage and ldg instructions 800–586–3590. Call ahead to make cstms appointment 360–378–2080. Boats in ldg areas and in docking area.

AIRPORT MANAGER: (360) 317-6167

COMMUNICATIONS: CTAF 128.25

VICTORIA TERMINAL APP/DEP CON 132.7 290.8 604–586–4560

ROCHESTER

R & K SKYRANCH (8W9) 1 N UTC–8(–7DT) N46º49.96´ W123º05.49´ **SEATTLE**
149 TPA—999(850) NOTAM FILE SEA
RWY 16–34: 2480X35 (TURF)
RWY 16: Thld dsplcd 700´. Trees.
RWY 34: Thld dsplcd 327´. Trees.
AIRPORT REMARKS: Unattended. No touch and go landings. Rwy 16 first 1100´ has shrubs and 70´+ trees approximately 15´ from rwy edges. Deer invof rwy.
AIRPORT MANAGER: (253) 405-0133
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

ROGERSBURG (See ANATONE on page 175)

ROSALIA MUNI (72S) 2 W UTC–8(–7DT) N47º14.19´ W117º25.28´ **SEATTLE**
2170 B NOTAM FILE SEA
RWY 02–20: H2807X45 (ASPH) S–15.5 MIRL
RWY 02: Thld dsplcd 165´. Tree.
RWY 20: Thld dsplcd 137´. Road.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–2807 TODA–2807 ASDA–2670 LDA–2505
RWY 20: TORA–2807 TODA–2807 ASDA–2642 LDA–2505
SERVICE: **LGT** ACTIVATE MIRL Rwy 02–20—122.9. Rwy 02–20 twy reflectors, no twy lgts.
AIRPORT REMARKS: Unattended. Pilots bring own ropes.
AIRPORT MANAGER: (509) 981-3206
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Spokane Apch at 509-742-2522

ROSARIO SPB (W49) 0 S UTC–8(–7DT) N48º38.74´ W122º52.08´ **SEATTLE**
00 NOTAM FILE SEA
WATERWAY 16W–34W: 10000X1000 (WATER)
WATERWAY 16W: Hill.
WATERWAY 07W–25W: 2500X1000 (WATER)
WATERWAY 07W: Hill.
WATERWAY 25W: Hill.
SEAPLANE REMARKS: Attended dalgt hrs. Tran dock avbl. Ctc harbormaster for overnight seaplane moorage. Phone number 360–376–2222. Select option 4 for marina office.
AIRPORT MANAGER: 360-376-2222
COMMUNICATIONS: CTAF 128.25
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

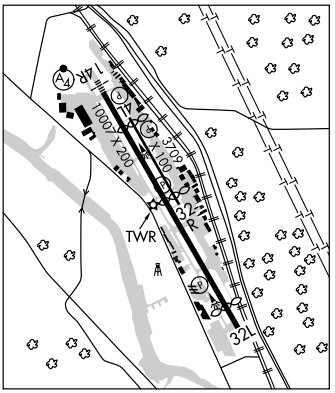
SANDERSON FLD (See SHELTON on page 222)

SEATTLE

BOEING FLD/KING CO INTL (BFI)(KBFI) 4 S UTC–8(–7DT) N47°31.80´ W122°18.12´ **SEATTLE**
22 B TPA—See Remarks AOE LRA Class IV, ARFF Index A NOTAM FILE BFI **H–1B, L–1D**
IAP, AD

RWY 14R–32L: H10007X200 (ASPH–GRVD) S–100, D–200, 2D–500, 2D/2D2–800 PCN 90 F/B/W/T HIRL
RWY 14R: MALSF. PAPI(P4L)—GA 3.0° TCH 54´. Fence. Rgt tfc.
RWY 32L: REIL. PAPI(P4L)—GA 3.1° TCH 66´. RVR–R Thld dsplcd 887´. Railroad.

RWY 14L–32R: H3709X100 (ASPH–GRVD) S–120, D–250, 2D–550, 2D/2D2–1109 PCN 71 F/A/X/T MIRL
RWY 14L: REIL. PAPI(P2L)—GA 3.0° TCH 39´. Thld dsplcd 250´.
RWY 32R: REIL. PAPI(P2L)—GA 3.0° TCH 39´. Thld dsplcd 375´. Tree. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 14R: TORA–10000 TODA–10000 ASDA–9120 LDA–9120
RWY 32L: TORA–10000 TODA–10000 ASDA–10000 LDA–9120

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** HIRL Rwy 14R–32L open dusk–dawn. MIRL Rwy 14L–32R not opr 0600–1500Z‡. Rwy 14R PAPI unusbl byd 7 degs left and 6 degs right of cntrln.

AIRPORT REMARKS: Attended continuously. Bird flocks within arpt vcnty, check lcl advisories. Rwy 14L–32R not avbl for air carrier ops. Rwy 14L–32R ltd to use by acft up to 12,500 lbs. Touch and go ldgs prohibited 0600–1500Z‡. Twr 80´ AGL lctd 1200´ N and 900´ W of thld Rwy 14R. 14´ AGL ant (mkd/lgtd) 230´ fm AER Rwy 14L 125´ rgt. No dep auth from Bravo 9 int. For Boeing military flight center ramp permission, ctc ramp coordinator 206–714–8030. Prior to arrival onto Boeing commericial airplane ramp, ctc Boeing Seattle at 123.425 or call 206–662–4500. Advanced permission to access Boeing commericial airplane ramp only, ctc 206–544–5900 Mon–Fri 1600–0000Z‡. Twy A1 and Twy A from A1–A3 rstd to acft up to 150,000 lbs and less than 108´ wingspan. Twy A2, Twy B2 and Twy A11 rstd to acft up to 60,000 lbs. Twy A3, Twy A5, and Twy A8 rstd to acft up to 12,500 lbs. Extv helicopter trng act on Twy B. For NS ABTMT procedures, ctc noise office at 206–296–7334. Twy Z and 880´ special use pavement avbl 72 hrs PPR, ctc arpt ops 206–296–7334. GA itinerant/tran parking avbl, ctc arpt ops 206–296–7334. PPR for parking arrangements for acft over 12,500 lbs max tkf wt is recommended. For museum tran acft parking, PPR, call museum security (206) 920–9770. Rwy 14L–32R TPA—1000(979), Rwy 14R–32L TPA—800(779). Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (206) 296-7334

WEATHER DATA SOURCES: ASOS (206) 658–6435

COMMUNICATIONS: ATIS 127.75 206–767–4113 **UNICOM** 122.95
SEATTLE RCO 122.5 (SEATTLE RADIO)

Ⓡ **SEATTLE APP/DEP CON** 119.2 (076°–160° Rwy 14) (341°–075°) 120.1 (199°–300°) 120.4 (301°–340° Rwy 32) 125.9 (076°–160° Rwy 32) (301°–340° Rwy 14) 126.5 (161°–198°)
BOEING TOWER 118.3 (Rwy 14L/32R) 120.6 (Rwy 14R/32L & All IFR)
GND CON 121.9 **CLNC DEL** 132.4

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4722.

AIRSPACE: CLASS D.

VOR TEST FACILITY (VOT) 108.6

CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.

SEATTLE (H) VORTACW 116.8 SEA Chan 115 N47º26.12´ W122º18.58´ 344º 5.7 NM to fld. 348/19E.

VOR unusable:
008º–023º byd 20 NM blo 3,500´
008º–023º byd 30 NM blo 4,100´
233º–273º byd 20 NM blo 8,000´
233º–273º byd 30 NM blo 10,000´
233º–273º byd 35 NM blo 11,000´
233º–273º byd 8 NM blo 5,500´
303º–333º byd 20 NM blo 2,900´
303º–333º byd 30 NM blo 4,000´
333º–353º byd 15 NM blo 3,500´
353º–008º byd 20 NM blo 2,900´

DME unusable:
008º–028º byd 20 NM blo 4,500´
008º–028º byd 30 NM blo 7,000´
203º–219º byd 27 NM
220º–225º byd 20 NM
226º–239º byd 27 NM
240º–253º byd 15 NM
303º–008º byd 30 NM blo 3,500´

TACAN AZIMUTH unusable:
008º–163º
303º–008º byd 30 NM blo 3,500´

ILS/DME 110.9 I–BFI Chan 46 Rwy 14R. Class IA. DME unusable byd 30º left of course. LOC unusable byd 20º left of course; backcourse unusable byd 10º left and right of course; backcourse unusable byd 13 NM blw 3,500´.

ILS/DME 110.9 I–CHJ Chan 46 Rwy 32L. Class IA. LOC unusable byd 15º rgt of course. ILS/DME unusable byd 10º rgt of course. Gp unusable byd 7NM from thr.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

KENMORE AIR HARBOR SPB (W55) 1 N UTC–8(–7DT) N47º37.74´ W122º20.32´ SEATTLE

14 AOE NOTAM FILE SEA

WATERWAY 16W–34W: 5000X500 (WATER)

SEAPLANE REMARKS: Attended dawn–dusk. Fuel avbl emerg only. Ngt ldgs not recommended due to unlgtd small watercraft. Kite flying in public park at north end of arpt and UAVS operating at the N and S ends. When consistent with safety, avoid ´on the step´ ops South and West of red buoy. Five tempo buoys have been placed along the North–South cntrln of Lake Union, each separated by approximately 750´, and mark the aprx location of the preferred seaplane opr area. The buoys have a yellow flashing light that can be ACTIVATED by five clicks on 122.9, to alert boaters of an impending seaplane tkof or landing. Run time on the lights is 60 seconds. The buoy/light system is advisory only, and boaters are not required to clear the area. The buoys will be removed within five days following Labor Day, or earlier. Incr boating ops on lake Apr 15 thru Oct 15. All tkf and ldg in ctr of lake. Special NS ABTMT rules in effect ctc opr for pat info. Do not taxi closer than 200´ from shoreline exc in close proximity to Kenmore Air Harbor. Call 425–486–1257 X2010 for apvl at least 3 hrs prior to arr. Docking fee. Lake Union dock freq 130.30. $150 transit docking fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 425-486-1257

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

SEATTLE SEAPLANES SPB (ØWØ) 1 N UTC–8(–7DT) N47º37.66´ W122º19.91´ SEATTLE

14 NOTAM FILE SEA

WATERWAY 18W–36W: 9500X300 (WATER)

SERVICE: S2

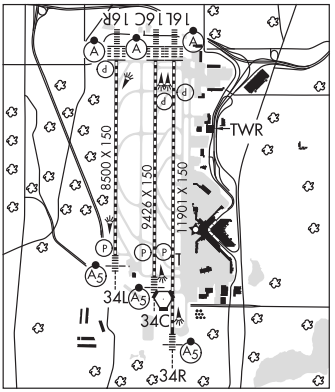
SEAPLANE REMARKS: Attended 1600Z‡–dusk. Small watercraft act on lake.

AIRPORT MANAGER: 206-329-9638

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

SEATTLE–TACOMA INTL (SEA)(KSEA) 10 S UTC–8(–7DT) N47°26.99´ W122°18.71´ **SEATTLE**
432 B LRA Class I, ARFF Index E NOTAM FILE SEA **H–1B, L–1D**
IAP, AD



RWY 16L–34R: H11901X150 (CONC–GRVD) S–100, D–230, 2D–600, 2D/2D2–1400 PCN 110R/B/W/T HIRL CL
RWY 16L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76´. RVR–TMR 0.6% down.
RWY 34R: MALSR. TDZL. PAPI(P4L)—GA 2.75° TCH 81´. RVR–TMR 0.8% up.
RWY 16C–34C: H9426X150 (CONC–GRVD) S–120, D–250, 2S–175, 2D–550, 2D/2D2–1120 PCN 96 R/B/W/T HIRL CL
RWY 16C: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71´. RVR–TMR 0.6% down.
RWY 34C: MALSR. PAPI(P4L)—GA 3.0° TCH 73´. RVR–TMR Tree. 0.8% up.
RWY 16R–34L: H8500X150 (CONC–GRVD) S–100, D–216, 2D–448, 2D/2D2–1157 PCN 89 R/B/W/T HIRL CL
RWY 16R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 69´. RVR–TMR 0.6% down.
RWY 34L: MALSR. PAPI(P4L)—GA 3.0° TCH 75´. RVR–TMR 0.8% up.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 16C: TORA–9426 TODA–9426 ASDA–9426 LDA–9426
RWY 16L: TORA–11901 TODA–11901 ASDA–11901 LDA–11901
RWY 16R: TORA–8500 TODA–8500 ASDA–8500 LDA–8500
RWY 34C: TORA–9426 TODA–9426 ASDA–9426 LDA–9426
RWY 34L: TORA–8500 TODA–8500 ASDA–8500 LDA–8500
RWY 34R: TORA–11901 TODA–11901 ASDA–11901 LDA–11901
SERVICE: **FUEL** JET A, A1
AIRPORT REMARKS: Attended continuously. Bird flocks within arpt vcnty, check lcl advisories. Helicopters ldg and dep avoid overflying fuel farm lctd at the southeast corner of the arpt. ASDE–X in use. Opr transponders with altitude reporting mode and ADS–B (if equipped) enabled on all arpt surfaces. Do not mistake Twy T for ldg sfc. Twy A south of Twy G rstd to acft with wingspan 225´ and smaller. Taxilane on N side of N satellite rstd to wingspan of less than 118´. Tri–taxilanes at N Satellite: Center (green) taxilane rstd to wingspan of 135´ or less. When an acft is on the center (green) or other (orange/blue) taxilanes, no other acft can simultaneously use the adjacent taxilane(s). Orange and blue taxilanes are rstd to wingspans less than 118´. Two acft can simultaneously use the outer taxilanes. Taxilane W rstd to wingspan of 135´ or less north of Twy N and 167´ or less south to Twy N. Seattle ramp twr provides advsy ctl only. Access to air cargo 4 parking and cargo areas rstd to acft with wingspans of 170´ or less. Twy for corporate hangar ramp ltd to acft with 62´ or less wingspan for taxi ops. General aviation cstms parking is very ltd. Acft with wingspans of 171 ft or more parked at PAX gates or cargo 7 must provide 30 min PPR prior to pushback to Seattle ramp twr when vsby less than 2400 RVR. Only acft with less than 150´ wingspan may exit Rwy 34R eastbound on Twy H. PPR for all GA PRKG and SVC. CTC 206–433–5481. OPR HRS 1330–0700Z‡, with a call out AVBL upon REQ. 6 hr PPR for AVGAS fueling, ctc 206–433–5481. Btn the hrs of 0600–1500Z‡, the use of extdd reverse thrust is discouraged byd what is necessary for opr or safety reasons. NS ABTMT procedures in effect btn 0600–1400Z‡. For further info ctc SEA NS ABTMT office at 206–787–7496. Rwy status lgts are in operation. Ldg fee. General aviation ldg fees payable by major credit cards only. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Seattle–Tacoma Intl Gatehold Procedures, Oceanic Departures.
AIRPORT MANAGER: (206) 787-5229
WEATHER DATA SOURCES: ASOS (206) 214–2592 WSP.
COMMUNICATIONS: D–ATIS 118.0 206–241–6025 **UNICOM** 122.95
Ⓡ **SEATTLE APP CON** 120.1 (199°–300°) 120.4 (301°–340° Rwy 34) 125.6 (West) 125.9 (301°–340° Rwy 16) (076°–160° Rwy 34) 126.5 (161°–198°) 133.65 (FINAL Rwy 16–34)
SEATTLE TOWER 119.9 (Rwy 16L–34R, Rwy 16C–34C) 120.95 (Rwy 16R–34L)
GND CON 121.7 **CLNC DEL** 128.0
Ⓡ **SEATTLE DEP CON** 119.2 (NORTH Rwys 34R/34C/34L) 120.1 (199°–300°) 120.4 (301°–340° Rwy 34) (SOUTH 16L/16C/16R) 125.6 (West) 125.9 (301°–340° Rwy 16) (076°–160° Rwy 34) 126.5 (161°–198°)
CPDLC (LOGON KUSA) **RAMP CTL** 126.25 (Gate Hold) 126.875 (North Ramp) 122.275 (South Ramp)
AIRSPACE: CLASS B See VFR Terminal Area Chart svc; CLASS D.

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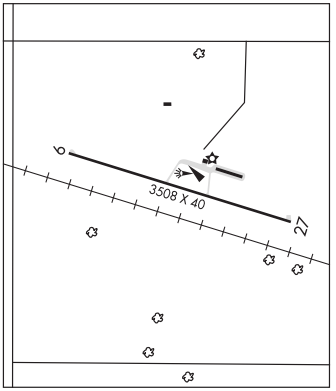
VOR TEST FACILITY (VOT) 117.5
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
(H) VORTACW 116.8 SEA Chan 115 N47°26.12´ W122°18.58´ at fld. 348/19E.
VOR unusable:
008°–023° byd 20 NM blo 3,500´
008°–023° byd 30 NM blo 4,100´
233°–273° byd 20 NM blo 8,000´
233°–273° byd 30 NM blo 10,000´
233°–273° byd 35 NM blo 11,000´
233°–273° byd 8 NM blo 5,500´
303°–333° byd 20 NM blo 2,900´
303°–333° byd 30 NM blo 4,000´
333°–353° byd 15 NM blo 3,500´
353°–008° byd 20 NM blo 2,900´
DME unusable:
008°–028° byd 20 NM blo 4,500´
008°–028° byd 30 NM blo 7,000´
203°–219° byd 27 NM
220°–225° byd 20 NM
226°–239° byd 27 NM
240°–253° byd 15 NM
303°–008° byd 30 NM blo 3,500´
TACAN AZIMUTH unusable:
008°–163°
303°–008° byd 30 NM blo 3,500´
ILS/DME 111.7 I–SZI Chan 54 Rwy 16C. Class IIIE. DME also serves Rwy 34C.
ILS/DME 110.3 I–SNQ Chan 40 Rwy 16L. Class IIIE. DME also serves ILS Rwy 34R. Possible Rwy 16L glideslope fluctuation on final when weather is 800/2 or better. Possible Rwy 16L glideslope fluctuation prior to DGLAS when weather is less than 800/2. Localizer unusable byd 15° left of course.
ILS/DME 110.75 I–CJL Chan 44(Y) Rwy 16R. Class IIIE. DME also serves ILS Rwy 34L.
ILS/DME 111.7 I–TUC Chan 54 Rwy 34C. Class IIE. DME also serves ILS Rwy 16C.
ILS/DME 110.75 I–BEJ Chan 44(Y) Rwy 34L. Class IIE.
ILS/DME 110.3 I–SEA Chan 40 Rwy 34R. Class IID. DME also serves ILS Rwy 16L. Poss Rwy 34R glideslope flctn on fa when wx is 800/2 or btr. Poss Rwy 34R glideslope flctn prior to BUCKK when wx is less than 800/2.
COMM/NAV/WEATHER REMARKS: Freq sectors float depending on rwy in use and sectors generally apply to Seattle TCA.

SEKIU (11S) 0 NW UTC–8(–7DT) N48°15.97´ W124°18.84´ **SEATTLE**
355 B NOTAM FILE SEA
RWY 08–26: H2997X50 (ASPH) LIRL
RWY 08: Thld dsplcd 900´. Trees.
RWY 26: VASI(NSTD)—GA 4.0° TCH 35´. Tree.
SERVICE: **LGT** SS–SR.
AIRPORT REMARKS: Unattended. Deer on and invof arpt Sep–Mar. High ridge along N side of rwy. Turbulence on E end apch over water. Difficult apch when wind from N. Rwy 26 NSTD VASI 2 box VASI left side ngts only. Rwy 08–26 markings are faded.
AIRPORT MANAGER: (360) 417-3376
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

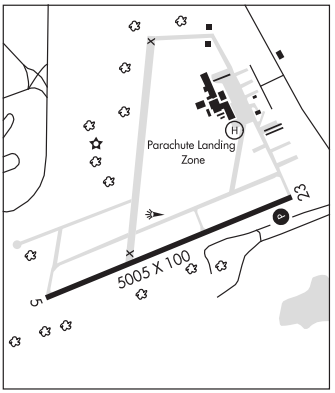
SEQUIM VALLEY (W28) 4 NW UTC–8(–7DT) N48º05.88´ W123º11.28´ **SEATTLE**
151 B NOTAM FILE SEA **L–1E**
RWY 09–27: H3508X40 (ASPH) LIRL
RWY 09: Trees. Rgt tfc.
RWY 27: Trees.
SERVICE: **FUEL** 100LL **LGT** Beacon OTS indefly.
AIRPORT REMARKS: Unattended. Self svc fuel avbl 24 hrs. Wildlife on and invof arpt. Rwy 09–27 has a 6" shoulder. Ldg fee.
AIRPORT MANAGER: 360-670-3083
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEA.
TATOOSH (H) VORTACW 112.2 TOU Chan 59 N48º17.99´ W124º37.62´ 079º 59.0 NM to fld. 1650/22E.



SHADY ACRES (See SPANAWAY on page 224)

SHELTON

SANDERSON FLD (SHN)(KSHN) 3 NW UTC–8(–7DT) N47º14.01´ W123º08.85´ **SEATTLE**
273 B NOTAM FILE SHN **H–1B, L–1D**
RWY 05–23: H5005X100 (ASPH) S–55, D–72, 2D–130 MIRL **IAP**
0.3% up NE
RWY 05: Trees. Rgt tfc.
RWY 23: REIL. PAPI(P4L)—GA 3.0º TCH 47´. Trees.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 23; PAPI Rwy 23; MIRL Rwy 05–23—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1600–0030Z‡. Parachute Jumping. Parachute operations on the field avoid crossing midfield to enter traffic pattern. 24 hr credit card fuel facility. Bcn on water twr north of rwy.
AIRPORT MANAGER: 360-426-1151
WEATHER DATA SOURCES: ASOS 119.275 (360) 426–6332.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SEATTLE APP/DEP CON** 121.1
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46º58.30´ W122º54.11´ 308º 18.7 NM to fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223º–258º byd 20 NM blo 4,100´
258º–283º byd 30 NM blo 4,100´
358º–043º byd 10 NM blo 6,000´
358º–043º byd 20 NM blo 7,000´



SILVERDALE

APEX AIRPARK (8W5) 2 NW UTC–8(–7DT) N47º39.38´ W122º43.99´ **SEATTLE**
525 B NOTAM FILE SEA
RWY 17–35: H2500X28 (ASPH) LIRL 0.8% up N
RWY 17: Trees.
RWY 35: Trees. Rgt tfc.
SERVICE: S4
AIRPORT REMARKS: Attended 1800–0300Z‡. Children and pets etc invof arpt. No line of sight between rwy ends. Twy east side rwy. Be alert on twy. Trees, acft and bldgs in transition sfcs. Avoid overflt of warehouse lctd at Rwy 34 end.
AIRPORT MANAGER: 206-390-4131
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.

SKAGIT RGNL (See BURLINGTON/MOUNT VERNON on page 181)

SKAGIT/BAY VIEW N48º28.12´ W122º25.10´ NOTAM FILE BVS. SEATTLE
NDB (MHW) 240 BVS at Skagit Rgnl. 98/16E. L–1E
NDB unusable:
350º–030º byd 20 NM

SKYKOMISH STATE (S88) 1 E UTC–8(–7DT) N47º42.66´ W121º20.34´ SEATTLE
1002 NOTAM FILE SEA
RWY 06–24: 2050X100 (TURF)
RWY 06: Trees.
RWY 24: Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Oct – 1 June exc for approved mil and public/law enforcement helicopter ops. Vehicles, pedestrians and animals on and invof rwy. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Mountains surround arpt. Rwy soft when wet. Rwy marked with reflectors during dates arpt is open. Rwy 06, ditch, 50 ft from rwy end; bldgs, 450 ft from rwy end. Rwy 24, 25 ft trees, 20 ft from rwy end.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

SKYLINE SPB (See ANACORTES on page 175)

SNOHOMISH

HARVEY FLD (S43) 1 SW UTC–8(–7DT) N47º54.29´ W122º06.16´ SEATTLE
23 TPA—1007(984) NOTAM FILE SEA L–1D
RWY 15L–33R: H2672X36 (ASPH) S–10 LIRL(NSTD) 0.3% up SE IAP
RWY 15L: Thld dsplcd 452´. Trees. Rgt tfc.
RWY 33R: Thld dsplcd 242´. Trees.
RWY 15R–33L: 2430X100 (TURF) 0.3% up SE
RWY 15R: Trees. Rgt tfc.
RWY 33L: Trees.
SERVICE: S4 **FUEL** 100LL, JET A
AIRPORT REMARKS: Attended Nov–Mar 1530–0030Z‡, Apr–Oct 1530–0500Z‡. . Parachute Jumping. Parachute drop zone btn Rwy 15L–33R and main twy, large grvl circle. Additional parachute student drop zone 1 NM East of arpt marked with white X. Fuel 24 hr credit card svc avbl. Arriving helicopter tfc apch helipads from NE or SE to avoid student drop zone. Rwy 15R–33L clsd Nov 1– May 31. Helicopter trng west of rwys 500´ and blo. High voltage P–line 22´ high 25´ from AER 15L. Rwy 15L and Rwy 15R calm wind rwys. NS ABTMT procedures in effect, ctc arpt mgr 360–568–1541. Rwy 15L–33R NSTD LIRL, thld lgts 360º green.
AIRPORT MANAGER: 360-568-1541
COMMUNICATIONS: CTAF/UNICOM 123.0
Ⓡ**SEATTLE APP/DEP CON** 128.5
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4722.
RADIO AIDS TO NAVIGATION: NOTAM FILE PAE.
PAINE (L) VORW/DME 110.6 PAE Chan 43 N47º55.19´ W122º16.67´ 077º 7.1 NM to fld. 669/20E.

SNOHOMISH CO (PAINE FLD) (See EVERETT on page 190)

SOUTH BEND(RAYMOND)

WILLAPA HARBOR (2S9) 2 NW UTC–8(–7DT) N46°41.86´ W123°49.40´ **SEATTLE**
13 B NOTAM FILE SEA **L–1C**

RWY 11–29: H3005X52 (ASPH) S–12 MIRL(NSTD)
RWY 11: Trees.
RWY 29: Trees.

SERVICE: **LGT** NSTD MIRL Rwy 11–29, lgts 25´ from edge. ACTIVATE MIRL Rwy 11–29—122.8.

AIRPORT REMARKS: Unattended. Birds and animals on and invof arpt. Rwy 11–29 52´ wide with 22.5´ asph trtd shoulders.

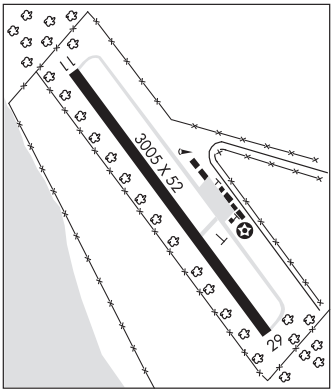
AIRPORT MANAGER: 360-942-3422

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE HQM.

HOQUIAM (H) VORTACW 117.7 HQM Chan 124 N46°56.82´ W124°08.96´ 119° 20.1 NM to fld. 10/19E.



SOUTHWEST WASHINGTON RGNL (See KELSO on page 196)

SPANAWAY

SHADY ACRES (3B8) 3 SE UTC–8(–7DT) N47°04.22´ W122°22.27´ **SEATTLE**
445 NOTAM FILE SEA

RWY 16–34: H1800X20 (ASPH) LIRL
RWY 16: Trees.
RWY 34: Thld dsplcd 200´. Road. Rgt tfc.

AIRPORT REMARKS: Unattended. Arpt clsd to mil helicopters. Civ hels fly in fixed wing tfc pats due to ltd vis. Twrs lctd: 2100 ft NE, 160 ft AGL red/w. Lgtd at ngt; 2700 ft E 150 ft AGL, lgtd at ngt. Power plants with emissions that may not be visible 0.5 and 1 statute mile northeast of arpt. Dsplcd thld marked with NSTD chevrons. Rwy 16 ID is NSTD distance from rwy end. Trees and bldgs in trsn sfcs.

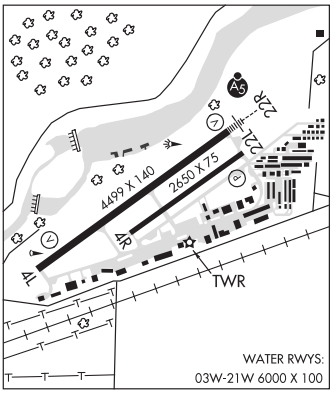
AIRPORT MANAGER: 253-720-4546

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

SPOKANE

FELTS FLD (SFF)(KSFF) 4 NE UTC–8(–7DT) N47°40.98´ W117°19.35´ **SEATTLE**
1957 B LRA NOTAM FILE SFF **L–13B**
RWY 04L–22R: H4499X140 (CONC) S–30 MIRL **IAP, AD**
RWY 04L: REIL. VASI(V2L)—GA 3.0° TCH 50´. Road.
RWY 22R: MALSR. VASI(V2R)—GA 3.5° TCH 44´. Tree. Rgt tfc.
RWY 04R–22L: H2650X75 (ASPH) S–30
RWY 04R: Rgt tfc.
RWY 22L: PAPI(P4L)—GA 3.8° TCH 39´. Trees.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04L:TORA–4499 TODA–4499 ASDA–4499 LDA–4499
RWY 04R:TORA–2650 TODA–2650 ASDA–2650 LDA–2650
RWY 22L:TORA–2650 TODA–2650 ASDA–2650 LDA–2650
RWY 22R:TORA–4499 TODA–4499 ASDA–4499 LDA–4499

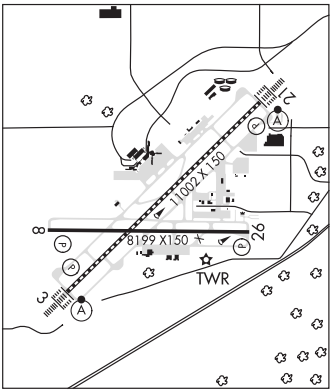


SERVICE: S4 **FUEL** 100LL, JET A1+ **OX** 3, 4 **LGT** When twr clsd ACTIVATE MIRL Rwy 04L–22R, MALSR Rwy 22R and REIL 04L–CTAF. VASI Rwy 04L and VASI Rwy 22R opr continuously. PAPI Rwy 22L opr SR–SS. Rwy 22L PAPI unusable byd 5° right side of cntrln.
AIRPORT REMARKS: Attended 1400–0400Z‡. Waterfowl and birds on and invof arpt. Lgtd crane 1953´ MSL (200´ AGL) 1.25 NM east indef. Acft with tail heights over 20´ must ctc twr prior to taxi. Twr unable to provide ATC svc on perimeter twy due to movement of unctl gnd tfc. Portions of Twy B not visible from twr. PPR for rotorwing acft conducting hover ops above 10´ AGL in non–movement area ctc twr. Cold temperature airport. Altitude correction required at or below –16C. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: 509-455-6419
WEATHER DATA SOURCES: ASOS 120.55 (509) 535–3290.
COMMUNICATIONS: CTAF 132.5 **ATIS** 120.55 **UNICOM** 122.95
SPOKANE RCO 122.55 (SEATTLE RADIO)
Ⓡ**SPOKANE APP/DEP CON** 133.35
TOWER 132.5 (1400–0400Z‡) **GND CON** 121.7 **CLNC DEL** 121.7
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS D svc 1400–0400Z‡; other times CLASS E.
VOR TEST FACILITY (VOT) 114.0
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
SPOKANE (H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 039° 14.2 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´
ILS/DME 111.7 I–FLZ Chan 54 Rwy 22R. Class IB. LOC unusable 0.2 NM fm rwy thld. DME unusable 15° rgt of course.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

• • • • • • • • • • • • • • • • • •

WATERWAY 03W–21W: 6000X100 (WATER)
WATERWAY 21W: Rgt tfc.
SEAPLANE REMARKS: Extv boating in area of water rwy. Water lvl on river may be lwrd by corps of engr. Water area adj to arpt not ctld or mntnd by arpt. Waterway elev 1910 estd. Waterway 03W–21W water rwy advsy svc only area not visible from twr. Ctc Felts twr 132.5 for tfc data.

SPOKANE INTL (GEG)(KGEG) P (ARNG) 5 SW UTC–8(–7DT) N47°37.14´ W117°32.11´ **SEATTLE**
2385 B AOE Class I, ARFF Index C NOTAM FILE GEG MON Airport **H–1C, L–13B**
RWY 03–21: H11002X150 (ASPH–CONC–GRVD) S–200, D–200, **IAP, AD**
2S–175, 2D–400 PCN 88 R/B/W/T HIRL CL
RWY 03: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 69´. RVR–TMR Rgt tfc. 0.5% down.
RWY 21: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 73´. RVR–TMR Ground. 0.6% up.
RWY 08–26: H8199X150 (ASPH–GRVD) S–150, D–180, 2D–280 PCN 40 R/B/X/T MIRL
RWY 08: REIL. PAPI(P4R)—GA 3.0° TCH 45´. Rgt tfc.
RWY 26: REIL. PAPI(P4L)—GA 3.0° TCH 48´.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–11002 TODA–11002 ASDA–11002 LDA–11002
RWY 08: TORA–8199 TODA–8199 ASDA–8199 LDA–8199
RWY 21: TORA–11002 TODA–11002 ASDA–11002 LDA–11002
RWY 26: TORA–8199 TODA–8199 ASDA–8199 LDA–8199
SERVICE: S4 **FUEL** 100, 100LL, JET A **OX** 1, 2, 3, 4 **MILITARY— FUEL** A, A+ (C509–455–5204, avbl 1400–0600Z‡, hol 1600–0000Z‡, OT 2 hr PN, $90 per hr fee) (NC–100, 100LL).
AIRPORT REMARKS: Attended continuously. Waterfowl and birds on and invof arpt. Twy K unlgtd on ramp side along maintenance ramp and is unavbl blo 1200´ RVR unless under escort by "follow me." Portions of Twy K not visible from twr. Rwy 21 ALSF2 may be opr as SSALR during favorable wx conditions. Be alert to turbulence over smoke stacks 1 mile east of arpt. U.S. Customs user fee arpt. Flight Notification Service (ADCUS) avbl.
AIRPORT MANAGER: (509) 455-6418
WEATHER DATA SOURCES: ASOS (509) 624–4406 WSP.
COMMUNICATIONS: ATIS 124.325 509–838–0895 **UNICOM** 122.95
RCO 122.2 (SEATTLE RADIO)
Ⓡ **APP/DEP CON** 123.75 205°–025° 133.35 26°–204°
TOWER 118.3 **GND CON** 121.9 **CLNC DEL** 127.55
AIRSPACE: CLASS C svc ctc **APP CON**.
VOR TEST FACILITY (VOT) 109.6
RADIO AIDS TO NAVIGATION: NOTAM FILE GEG.
(H) VORTACW 115.5 GEG Chan 102 N47°33.90´ W117°37.61´ 028° 4.9 NM to fld. 2756/21E.
VOR portion unusable:
300°–330° byd 30 NM blo 9,000´
335°–360° byd 18 NM blo 7,000´
335°–360° byd 25 NM
360°–015° byd 26 NM blo 7,000´
ILS/DME 111.1 I–OLJ Chan 48 Rwy 03. Class IIIE.
ILS/DME 111.1 I–GEG Chan 48 Rwy 21. Class IIIE.

STAMPEDE PASS SMP N47°15.98´ W121°22.07´/3964 **SEATTLE**
ASOS 135.275 (360) 886–2758 **L–1D**

STANWOOD

CAMANO ISLAND AIRFIELD (13W) 3 NW UTC–8(–7DT) N48°15.42´ W122°26.17´ **SEATTLE**
145 NOTAM FILE SEA
RWY 16–34: H1750X24 (ASPH)
RWY 16: Tree. Rgt tfc.
RWY 34: Brush. Rgt tfc.
SERVICE: S4
AIRPORT REMARKS: Attended Mon–Thur 1630–0130Z‡. No tkofs or ldgs during hrs of darkness. Do not taxi on grass Oct–May. Parallel driveway adjacent to Rwy 16–34. 50 ft trees, 60 ft E of cntrln in pri sfc.
AIRPORT MANAGER: 360-629-4812
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Whidbey Apch at 360-257-3310.

STARBUCK

LITTLE GOOSE LOCK AND DAM (16W) 7 NE UTC–8(–7DT) N46°35.04´ W118°00.22´ **SEATTLE**

681 NOTAM FILE SEA

RWY 07–25: 3400X50 (GRVL)

RWY 07: Road.

RWY 25: Hill.

AIRPORT REMARKS: Unattended. Do not land if snow present on rwy. No winter snow removal ops. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Arpt lctd in canyon, rolling terrain 700–800´ south rising to 750´, canyon wall 800´ south rises steeply to 1800´+, north wall rises to 1600´+. Density altitude. High terrain surrounds arpt. Strong winds possible inside canyon. Pedestrians, vehicles, and animals on and invof rwy. Portions of rwy sfc rough and soft. Grvl does not compact well. Rwy marked with reflectors dur dates arpt is open.

AIRPORT MANAGER: (360) 618-2477

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

STEHEKIN STATE (6S9) 3 NW UTC–8(–7DT) N48°20.75´ W120°43.25´ **SEATTLE**

1230 NOTAM FILE SEA

RWY 13–31: 2630X100 (TURF) 1.5% up NW

RWY 13: Trees.

RWY 31: Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED 1 Oct—1 Jun exc for apvd mil and public safety/law enforcement helicopter ops. No mil use dur clsd periods exc emerg. Pedestrians, vehicles and animals on and invof rwy. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Rwy marked with reflectors dur dates arpt is open. Tall trees in both approaches. Strong, gusty winds in canyon. NW end bare gnd.

AIRPORT MANAGER: (360) 618-2477

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

STROM FLD (See MORTON on page 202)

SULLIVAN LAKE STATE (See METALINE FALLS on page 202)

SUNNYSIDE MUNI (1S5) 2 E UTC–8(–7DT) N46°19.63´ W119°58.22´ **SEATTLE**

768 B NOTAM FILE 1S5 **L–13A**

RWY 07–25: H3423X60 (ASPH) S–12.5 LIRL 0.6% up E

RWY 07: PAPI(P2L)—GA 3.0°. Road.

RWY 25: PAPI(P2L)—GA 3.0°. Pole.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 509-837-5206

WEATHER DATA SOURCES: AWOS–3PT 123.675 (509) 836–2384.

COMMUNICATIONS: CTAF 122.9

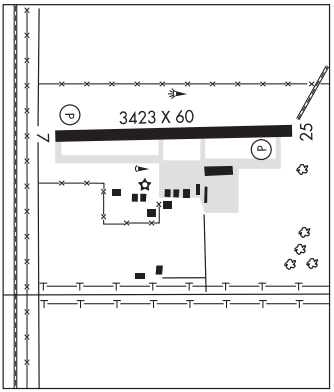
CLEARANCE DELIVERY PHONE: For CD ctc Chinook Apch at 509-542-4209, when Apch clsd ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSC.

PASCO (L) VORW/DME 109.8 PSC Chan 35 N46°16.22´ W119°07.04´ 261° 35.7 NM to fld. 406/15E.

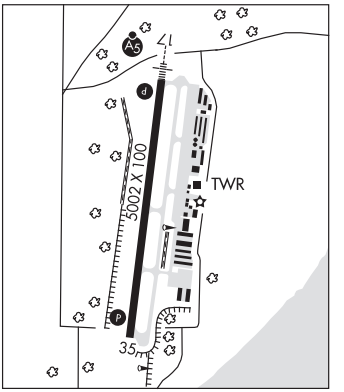
DME unusable:

160°–170° byd 30 NM



SWANSON (See EATONVILLE on page 187)

TACOMA NARROWS (TIW)(KTIW) 4 W UTC–8(–7DT) N47°16.08´ W122°34.69´ **SEATTLE**
295 B TPA—1295(1000) LRA NOTAM FILE TIW MON Airport **H–1B, L–1D**
RWY 17–35: H5002X100 (ASPH–GRVD) S–50, D–80, 2S–102, 2D–80, 2D/2D2–150 MIRL **IAP, AD**
RWY 17: MALSR. PAPI(P4R)—GA 3.0° TCH 52´.
RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 45´. Rgt tfc.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When twr closed ACTIVATE MALSR Rwy 17, PAPI Rwy 17 & Rwy 35, MIRL Rwy 17–35—CTAF. PAPI Rwy 35 unusbl byd 5 deg left of cntrln.
AIRPORT REMARKS: Attended 1500–0000Z‡. Deer on and invof arpt. Noise sensitive arpt; for NS ABTMT and tfc procedures call arpt office 253–798–8550. For customs call 253–593–6338 ext #2.
AIRPORT MANAGER: 253-798-8550
WEATHER DATA SOURCES: ASOS 124.05 (253) 858–6507. LAWRS.
COMMUNICATIONS: CTAF 118.5 **ATIS** 124.05 **UNICOM** 122.95
Ⓡ**SEATTLE APP/DEP CON** 120.1
TOWER 118.5 (1600–0400Z‡) **GND CON** 121.8
CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Seattle Apch at 206-214-4723.
AIRSPACE: CLASS D svc 1600–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE TCM.
MCCHORD (T) VORTAC 109.6 TCM Chan 33 N47°08.86´ W122°28.50´ 315° 8.4 NM to fld. 283/15E.
No NOTAM MP 0800–1700Z‡ and 2100–2300Z‡ Wed
VOR unusable:
033°–043° byd 12 NM blo 8,500´
043°–063° byd 12 NM
063°–076° byd 19 NM
076°–082° byd 19 NM blo 8,000´
076°–082° byd 24 NM blo 10,000´
142°–153° byd 12 NM
153°–163° byd 12 NM blo 5,800´
207°–277° byd 12 NM
307°–082° byd 10 NM blo 8,000´
307°–347° byd 12 NM
347°–033° byd 19 NM
ILS 109.1 I–TIW Rwy 17. Class IA. Unmonitored when ATCT clsd.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

TATOOSH N48°17.99´ W124°37.62´ NOTAM FILE SEA. **SEATTLE**
(H) VORTACW 112.2 TOU Chan 59 151° 22.0 NM to Quillayute. 1650/22E. **H–1B, L–1D**
RCO 122.25 (SEATTLE RADIO)

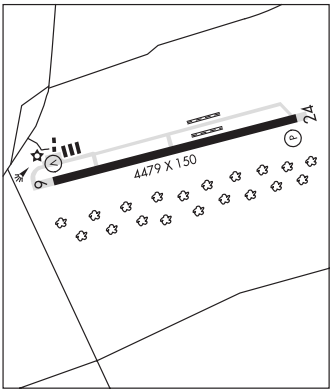
TEKOA

WILLARD FLD (73S) 2 NE UTC–8(–7DT) N47°14.13´ W117°02.62´ **SEATTLE**
2520 B NOTAM FILE SEA
RWY 04–22: H2261X40 (ASPH) MIRL
RWY 04: Thld dsplcd 190´. Trees.
RWY 22: Thld dsplcd 240´.
SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 04–22—122.8.
AIRPORT REMARKS: Unattended. Self svc fuel with credit card. Parachute Jumping. Grass areas not avbl for acft ops.
AIRPORT MANAGER: 509-284-6145
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

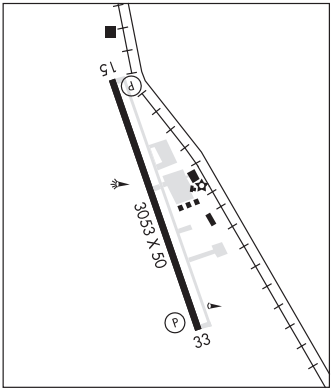
TIETON STATE (See RIMROCK on page 216)

TOLEDO

ED CARLSON MEM FLD – SOUTH LEWIS CO (TDO)(KTDO) 3 N UTC–8(–7DT) N46°28.63´ W122°48.39´ **SEATTLE L–1C IAP**
374 B TPA—1174(800) NOTAM FILE TDO
RWY 06–24: H4479X150 (ASPH) S–25 MIRL 0.4% up NE
RWY 06: REIL. SAVASI(S2L)—GA 3.0° TCH 28´. Trees.
RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 44´.
SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06–24 and REIL Rwy 06 and Rwy 24—CTAF. SAVASI Rwy 06 and PAPI Rwy 24 opr 24 hrs. REIL Rwys 06 and 24 OTS indef.
AIRPORT REMARKS: Attended Mon–Fri 1900–0100Z‡. 24 hr credit card fuel facility. Parachute Jumping. Glider activity Mar–Nov. Radio controlled acft adjacent Rwy 06–24 400´ and blo. Distance to go markers S side of rwy. LNAV GPS approaches currently published to both runway ends, minima as low as 1 mile. Rwy 06–24 markings faded.
AIRPORT MANAGER: 360-864-4966
COMMUNICATIONS: CTAF 122.9
SEATTLE CENTER APP/DEP CON 124.2
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE OLM.
OLYMPIA (H) VORTACW 113.4 OLM Chan 81 N46°58.30´ W122°54.11´ 153° 29.9 NM to fld. 200/19E.
TACAN AZIMUTH & DME unusable:
223°–258° byd 20 NM blo 4,100´
258°–283° byd 30 NM blo 4,100´
358°–043° byd 10 NM blo 6,000´
358°–043° byd 20 NM blo 7,000´



TONASKET MUNI (WØ1) 2 NW UTC–8(–7DT) N48°43.49´ W119°27.94´ **SEATTLE L–13A**
1311 B NOTAM FILE SEA
RWY 15–33: H3053X50 (ASPH) MIRL
RWY 15: PAPI(P2L)—GA 5.0° TCH 37´. Road. Rgt tfc.
RWY 33: PAPI(P2L)—GA 4.5° TCH 31´. Road.
SERVICE: **LGT** ACTIVATE MIRL Rwy 15–33—CTAF.
AIRPORT REMARKS: Unattended. Mountains surround arpt. For night ops and wind permitting land Rwy 33 and depart Rwy 15. Distance to go markers S side arpt.
AIRPORT MANAGER: (509) 322-7432
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 338° 80.9 NM to fld. 1250/21E.
VOR unusable:
310°–350° byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280°–295° byd 25 NM blo 7,000´
310°–350° byd 25 NM blo 6,500´



TRI–CITIES (See PASCO on page 208)

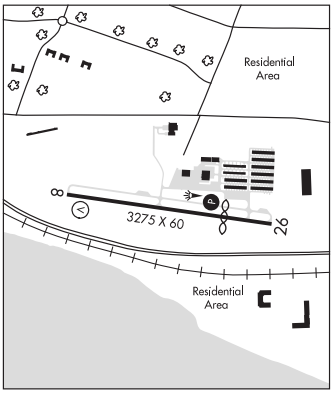
TRINA N46°10.53´ W118°11.78´ NOTAM FILE ALW.
NDB (LOMW) 353 AL 196° 6.2 NM to Walla Walla Rgnl. 1443/20E.

TWISP MUNI (2SØ) 1 SE UTC–8(–7DT) N48°21.04´ W120°05.64´ **SEATTLE**
1602 B NOTAM FILE SEA
RWY 10–28: H2701X60 (ASPH–CONC) MIRL
RWY 10: Trees.
RWY 28: PAPI(P2L)—GA 4.0°. Thld dsplcd 200´. Trees.
SERVICE: **LGT** ACTIVATE rotating bcn and MIRL Rwy 10–28 and PAPI Rwy 28—CTAF.
AIRPORT REMARKS: Unattended. Mountainous terrain surrounds arpt. Deer and pedestrians on and in vicinity of arpt. Rwy 28 dsplcd thld marked by lgt fixture. Airport CTAF freq 122.9; another airport, Methow Valley State (S52) within 8 NM CTAF freq 122.8.
AIRPORT MANAGER: (509) 997-1311
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

VANCOUVER

FLY FOR FUN (W56) 4 NE UTC–8(–7DT) N45°41.24´ W122°31.31´ **SEATTLE**
297 NOTAM FILE SEA
RWY 07–25: 2434X50 (TURF)
RWY 07: P–line.
RWY 25: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt CLOSED Christmas and Easter. Taxi on rwy and mowed grass areas only. Rwy 07–25 edge marked with yellow reflector cones.
AIRPORT MANAGER: 360-253-4850
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

PEARSON FLD (VUO)(KVUO) 2 SW UTC–8(–7DT) N45°37.23´ W122°39.39´ **SEATTLE**
29 TPA—1029(1000) NOTAM FILE VUO **L–1C**
RWY 08–26: H3275X60 (ASPH) MIRL **IAP**
RWY 08: VASI(V4R)—GA 3.75° TCH 31´. Bridge.
RWY 26: REIL. PAPI(P2R)—GA 4.0° TCH 32´. Thld dsplcd 762´. Tree. Rgt tfc.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 08: TORA–3275 TODA–3275 ASDA–3065 LDA–3065
RWY 26: TORA–3275 TODA–3275 ASDA–3275 LDA–2513
SERVICE: S4 **FUEL** 100LL **OX** 2 **LGT** Rwy 08 VASI unusable byd 6° left and rgt of rwy cntrln. ACTIVATE PAPI Rwy 26, MIRL Rwy 08–26—CTAF.
AIRPORT REMARKS: Attended Nov–Mar Mon–Fri 1600–0100Z‡, Apr–Oct 1600–0200Z‡. Self svc fuel avbl 24 hrs by credit card. Geese on and invof arpt. Rwy 26 thld relocated 762´ for ngt ops, 2513´ of Rwy 08–26 lgtd at ngt. Arrivals ctc Pearson Advsy on 119.0 prior to entering SFRA for tfc and wake turbulence advisories. Dep ctc Pearson Advsy on 119.0 prior to dep. When opr over the rwy cntrln or rwy cntrln extdd, maintain at or blo 700´ MSL due to tfc and wake turbulence from overflying acft to/from Portland International Arpt Rwy 10L–28R. Portland International Arpt Rwy 10L–28R extdd cntrln crosses Pearson Rwy 08 thld. Rwy 08–26 860´ stopway on west end. Avoid overflying the Fort Vancouver Stockade (National Park), located 360´ N of the W end of Rwy 08–26.



AIRPORT MANAGER: 360-487-8619
WEATHER DATA SOURCES: ASOS 135.125 (360) 696–1280.
COMMUNICATIONS: CTAF 119.0
VANCOUVER RCO 122.35 (SEATTLE RADIO)
Ⓡ **PORTLAND APP CON** 118.1 284.6 (100°–279° HIGH) 360.8 (280°–099°) 124.35
CLNC DEL 119.0
VFR ADVSY SVC 119.0
Ⓡ **PORTLAND DEP CON** 124.35 360.8
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE PDX.
BATTLE GROUND (H) VORTACW 116.6 BTG Chan 113 N45°44.87´ W122°35.49´ 179° 8.1 NM to fld. 253/21E.
TACAN AZIMUTH & DME unusable:
035°–085° byd 35 NM blo 10,000´
COMM/NAV/WEATHER REMARKS: Arrivals ctc Pearson Advisory on 119.0 prior to entering Special Flight Rules Area for tfc and wake turbulence advisories. Departures ctc Pearson Advisory on 119.0 prior to departure.

VASHON MUNI (2S1) 1 NW UTC–8(–7DT) N47°27.52´ W122°28.62´ **SEATTLE**
316 TPA—1299(983) NOTAM FILE SEA
RWY 17–35: 2001X60 (TURF) LIRL(NSTD) 0.4% up N
RWY 17: Trees. Rgt tfc.
RWY 35: Trees.
AIRPORT REMARKS: Unattended. Ocnl large wild animals on arpt. Rwy 17–35 soft when wet. Hangars 90´ east and west of cntrln. Hill 5–10 ft W of rwy edge the full len. Touch and go ldgs not recommended. Turbulence possible at north end of Rwy 17–35 with strong crosswinds. Helicopter parking area rstd to Medevac ops. NS ABTMT procedures in effect ctc arpt mgr 206–463–3142. Recommend calling for fld conditions 206–463–3142. Ngt ops only for pilots familiar with arpt close in obst, all quadrants. Rwy 17–35 NSTD LIRL, thld lgts 360° green. Gate combination 1168.
AIRPORT MANAGER: 206-463-3142
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle Apch at 206-214-4723.

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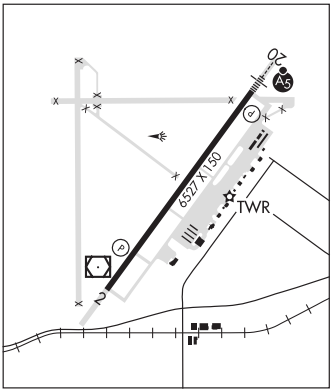
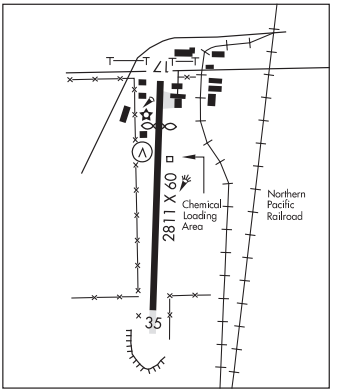
HELIPAD H1: 98X98 (TURF) RWY LGTS(NSTD)
HELIPORT REMARKS: Helipad H1 yellow perimeter lgts. Helipad H1 for medivac emerg svcs only. Helipad H1 NSTD rwy lgts.

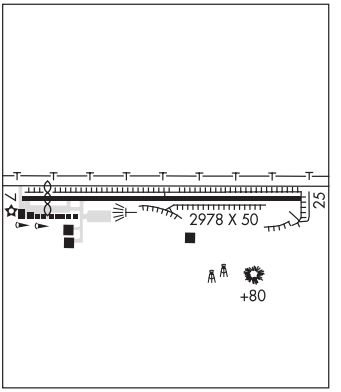
WALLA WALLA RGNL (ALW)(KALW) 3 NE UTC–8(–7DT) N46°05.55´ W118°17.04´ **SEATTLE**
1194 B Class I, ARFF Index A NOTAM FILE ALW **H–1C, L–13A**
RWY 02–20: H6527X150 (CONC–GRVD) S–60, D–80, 2D–130 **IAP, AD**
PCN 33 F/C/X/T HIRL 0.6% up NE
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 45´. RVR–R
RWY 20: MALSR. PAPI(P4L)—GA 3.0° TCH 50´. RVR–T
RUNWAY DECLARED DISTANCE INFORMATION
RWY 02: TORA–6527 TODA–6527 ASDA–6527 LDA–6527
RWY 20: TORA–6527 TODA–6527 ASDA–6527 LDA–6527
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2 **LGT** When twr clsd ACTIVATE MALSR Rwy 20, REIL Rwy 02 and HIRL Rwy 02–20—CTAF.
AIRPORT REMARKS: Attended 1600–0200Z‡. Self svc credit card fueling facility lctd 600´ north of twr. 24 hr fuel svc call 509–525–9851. Sfc conds unmonitored 0700–1130Z‡. ARFF svcs avbl dur scheduled air carrier opr. Clsd to unscheduled air carrier ops with more than 30 pax seats exc PPR call arpt mgr 509–525–3100. Portion of corner at Twy A1 not visible by tower.
AIRPORT MANAGER: 509-525-3100
WEATHER DATA SOURCES: ASOS 135.875 (509) 525–3014.
COMMUNICATIONS: CTAF 118.5 **UNICOM** 122.95
RCO 122.3 (SEATTLE RADIO)
Ⓡ **CHINOOK APP/DEP CON** 133.15 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600–1400Z‡)
TOWER 118.5 (1400–0230Z‡) **GND CON** 121.6
CLEARANCE DELIVERY PHONE: When Apch clsd, for CD ctc Seattle ARTCC at 253-351-3694
AIRSPACE: CLASS D svc 1400–0230Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE ALW.
(L) VORW/DME 116.4 ALW Chan 111 N46°05.22´ W118°17.55´ at fld. 1150/20E.
VOR/DME unusable:
010°–065° byd 31 NM blo 12,500´
065°–095° byd 20 NM blo 14,500´
095°–140° byd 20 NM blo 13,500´
DME portion unusable:
140°–145° byd 20 NM blo 11,500´
TRINA NDB (LOMW) 353 AL N46°10.53´ W118°11.78´ 196° 6.2 NM to fld. 1443/20E.
ILS 111.7 I–ALW Rwy 20. Class IE. LOM TRINA NDB.
COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.



WARDEN (2S4) 1 W UTC–8(–7DT) N46º57.95´ W119º03.98´ **SEATTLE**
1276 B NOTAM FILE SEA
RWY 17–35: H2811X60 (ASPH) MIRL
RWY 17: SAVASI(S2R). Thld dsplcd 560´.
SERVICE: **LGT** SS–SR.
AIRPORT REMARKS: Unattended. Rwy 17–35 320´ grvl ovrn south end. Rwy 17–35 centerline paint chipping. No rwy numbers. Grvl apron cond good. Pilots bring own ropes.
AIRPORT MANAGER: 509-750-4634
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.



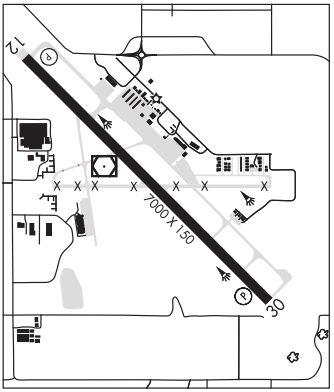
WATERVILLE (2S5) 1 NE UTC–8(–7DT) N47º39.36´ W120º03.39´ **SEATTLE**
2645 B NOTAM FILE SEA
RWY 07–25: H2978X50 (ASPH) S–5 LIRL
RWY 07: Thld dsplcd 270´. Road.
RWY 25: Pole.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 07: TORA–2800 TODA–2800 LDA–2500
RWY 25: TORA–2500 TODA–2500 LDA–2500
AIRPORT REMARKS: Unattended. First 272´ of west end Rwy 07–25 unlgtd. Hill on S side of rwy in tran sfc. Rwy shoulders soft in wet weather. Rwy 07–25 markings faded.
AIRPORT MANAGER: 509-884-2494
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.



WATON N48º04.57´ W122º09.23´ NOTAM FILE AWO. **SEATTLE**
NDB (LOMW) 382 AW 342º 5.1 NM to Arlington Muni. 65/16E.

WENATCHEE

PANGBORN MEM (EAT)(KEAT) 4 E UTC–8(–7DT) N47°23.93´ W120°12.41´ **SEATTLE**
1249 B Class I, ARFF Index A NOTAM FILE EAT **H–1C, L–1D, 13A**
RWY 12–30: H7000X150 (ASPH) S–75, D–100, 2S–97, 2D–250 **IAP, AD**
PCN 118F/A/X/T HIRL
RWY 12: REIL. PAPI(P4L)—GA 3.6° TCH 60´. Road. Rgt tfc.
RWY 30: REIL. PAPI(P2L)—GA 4.3° TCH 46´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 12: TORA–7000 TODA–7000 ASDA–7000 LDA–7000
RWY 30: TORA–7000 TODA–7000 ASDA–7000 LDA–7000



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** ACTIVATE REIL Rwy 12 and Rwy 30, HIRL Rwy 12–30—CTAF. PAPI Rwy 12 and Rwy 30 opr continuously.
AIRPORT REMARKS: Attended 1600–0200Z‡. Cold temperature restricted airport. Altitude correction required at or below –7°C. 24 hr PPR for unscheduled air carrier ops with more than 30 pax seats call arpt ops, 509–860–1852. Bird hazard. Glider activity from Mar–Nov. UAS activity 1.56 NM E of the EAT VOR, 400 ft and below dur dalgt hrs. Ldg fee.
AIRPORT MANAGER: 509-884-2494
WEATHER DATA SOURCES: ASOS 119.925 (509) 886–4226.
COMMUNICATIONS: CTAF/UNICOM 123.0
WENATCHEE RCO 122.6 (SEATTLE RADIO)
SEATTLE CENTER APP/DEP CON 126.1
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE EAT.
WENATCHEE (L) VORW/DME 111.0 EAT Chan 47 N47°23.98´ W120°12.65´ at fld. 1222/15E.
VOR unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM
DME unusable:
077°–122° byd 25 NM blo 5,500´
122°–157° byd 15 NM blo 14,500´
157°–247° byd 15 NM
247°–267° byd 35 NM blo 12,000´
294°–307° byd 14 NM blo 7,900´
307°–077° byd 20 NM
ILS/DME 109.35 I–ADJ Chan 30(Y) Rwy 12. Class IE. LOC unusable byd 15 NM blo 5,700´. DME unmonitored. Adj g/s unusable 5 degrees left of course

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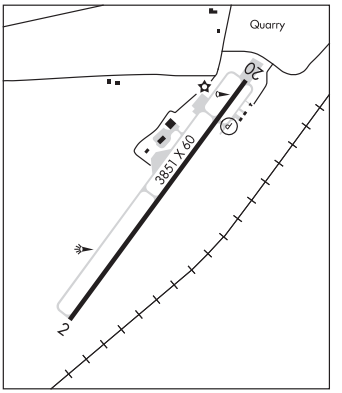
WESTPORT (14S) 1 N UTC–8(–7DT) N46°53.82´ W124°06.04´ **SEATTLE**
14 B NOTAM FILE SEA
RWY 12–30: H2318X50 (ASPH) MIRL
RWY 12: PAPI(P2L). Trees.
RWY 30: PAPI(P2L). Rgt tfc.
AIRPORT REMARKS: Unattended. Large bird nesting area adjacent to Rwy 12–30. Rwy 12–30 soft shoulders.
AIRPORT MANAGER: 360-268-0131
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

WHATCOM N48°56.72´ W122°34.76´ NOTAM FILE BLI. **SEATTLE**
(H) VORTACW 113.0 HUH Chan 77 150° 9.3 NM to Bellingham Intl. 82/20E. **H–1B, L–1E**
TACAN AZIMUTH unusable:
155°–165° byd 15 NM blo 6,000´

WHIDBEY AIR PARK (See LANGLEY on page 197)

WHIDBEY ISLAND NAS (AULT FLD) (NUW)(KNUW) N 3 N UTC–8(–7DT) N48º21.11´ W122º39.36´ **SEATTLE**
47 B TPA—See Remarks NOTAM FILE NUW Not insp. **H–1B, L–1E**
RWY 14–32: H8001X200 (CONC) PCN 59 R/B/W/T HIRL CL **DIAP, AD**
RWY 14: ALSF2. TDZL.
RWY 32: ALSF2.
RWY 07–25: H8000X200 (CONC) PCN 35 R/C/W/T HIRL
RWY 25: ALSF1.
SERVICE: FUEL 100LL, J5 J8 **OX** 1, 2 **LGT** OLS lenses avbl to all rwy. HIRL and SFL unavbl to Rwy 07. RCLL avbl to Rwy 14–32 only.
MILITARY—JASU 1 (NC–10C), 1 (GTC–85/GTE–85), 1(MSU–200NAV/ A/U47A–5. **FUEL** J5, J8 **FLUID** SP PRESAIR De–ice (2 hr PN req) LHOX LOX **TRAN ALERT** Tran crew must provide technical direct/assistance in svc/maint to include direct supervision of fueling. Ltd svc/maint avbl 1500–2300Z‡ Mon–Fri. No maint Sat, Sun and hol. Air Terminal opr 1400–0200Z‡, as rqr OT.
MILITARY REMARKS: RSTD PPR for all acft exc Search and Rescue/Medevac ctc Air Terminal Supervisor, 1430–0100Z‡ at DSN 820–2604/6707, C360–257–2604/6707. Prior coord/flt advsy rqr for AMC/JOSAC/NALO msn. **TFC PAT** TPA–Overhead initial for Rwys 07, 14, and 32 4 NM 2500(2453), Rwy 25 6 NM 3000(2953), overhead break 1500(1453), pattern alt 1000(953). **CSTMS/AG/IMG** 48 hr prior notice rqr, ctc Air Terminal Supervisor, 1430–0100Z‡ at DSN 820–2604/6707, C360–257–2604/6707. **MISC** Operations duty officer C360–257–2681, DSN 820–2681. TRN–28 Chan 18.
AIRPORT MANAGER: 360 257 2681
COMMUNICATIONS: ATIS 134.15 281.5 **PTD** 350.1
OAK HARBOR RCO 122.4 (SEATTLE RADIO)
Ⓡ **APP/DEP CON** 120.7 270.8 (EAST) 118.2 285.65 (WEST)
TOWER 127.9 340.2 **GND CON** 121.75 336.4 **CLNC DEL** 135.1 379.9
PRE TAXI CLNC 135.1 124.15 380.0
PMSV METRO 343.4 **BASE OPS** 350.1
AIRSPACE: CLASS C svc ctc **APP CON** svc continuous.
RADIO AIDS TO NAVIGATION: NOTAM FILE NUW.
(H) TACAN Chan 85 NUW (113.8) N48º21.30´ W122º39.71´ at fld. 60/18E.
TACAN AZIMUTH unusable:
133º–163º byd 30 NM blo 4,000´
TACAN operates 1530–0800Z‡
ILS 110.1 I–NUW Rwy 14. Glideslope unusable byd 3º west of course and 5º east of course due to lack of defined GLIDE path and clnc abv path.
ASR/PAR
COMM/NAV/WEATHER REMARKS: VFR advisory svc ctc APP CON. Radar see Terminal FLIP for Radar Minima.

WILBUR (2S8) 2 SW UTC–8(–7DT) N47º45.20´ W118º44.64´ **SEATTLE**
2183 B NOTAM FILE SEA **L–13A**
RWY 02–20: H3851X60 (ASPH) S–15.5 MIRL 0.5% up N **IAP**
RWY 02: REIL.
RWY 20: PAPI(P2L)—GA 3.0º TCH 44´.
SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 02–20—CTAF. PAPI Rwy 20 opr continuously.
AIRPORT REMARKS: Attended Oct–Mar 1600–0100Z‡ Mon–Fri , Apr–Sep 1300–2200Z‡ Mon–Sat . Check NOTAMS for fire fighting operations in summer months. Wildlife invof runway. Pilots bring own ropes.
AIRPORT MANAGER: 509-647-2396
WEATHER DATA SOURCES: AWOS–2 124.175 (509) 647–0337.
COMMUNICATIONS: CTAF 122.9
Ⓡ **GRANT COUNTY APP/DEP CON** 126.4 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 126.1 (0600–1400Z‡)
CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.
RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.
EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47º22.68´ W119º25.44´ 030º 35.7 NM to fld. 1250/21E.
VOR unusable:
310º–350º byd 25 NM blo 6,500´
TACAN AZIMUTH & DME portion unusable:
280º–295º byd 25 NM blo 7,000´
310º–350º byd 25 NM blo 6,500´



WILL ROGERS WILEY POST MEM SPB (See RENTON on page 215)

WILLAPA HARBOR (See SOUTH BEND(RAYMOND) on page 224)

WILLARD FLD (See TEKOA on page 228)

WILLIAM R FAIRCHILD INTL (See PORT ANGELES on page 209)

WILSON CREEK (5W1) 1 E UTC–8(–7DT) N47°25.11´ W119°06.55´ **SEATTLE**

1430 NOTAM FILE SEA

RWY 10–28: H2500X50 (ASPH)

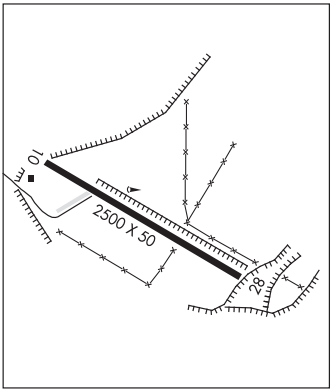
RWY 10: Bldg.

AIRPORT REMARKS: Unattended. Rwy 10–28 markings are faded. Pilots bring own ropes.

AIRPORT MANAGER: (509) 345-2531

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Grant County Apch at 509-762-2842, when Apch clsd ctc Seattle ARTCC at 253-351-3694.



WINTHROP

METHOW VALLEY STATE (S52) 3 SE UTC–8(–7DT) N48°25.50´ W120°08.75´ **SEATTLE**

1706 B NOTAM FILE SEA **H–1C, L–13A**

RWY 13–31: H5049X75 (ASPH) S–30 MIRL

RWY 13: PAPI(P2L)—GA 3.5° TCH 43´. Thld dsplcd 129´.

RWY 31: Thld dsplcd 231´. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA–5049 TODA–5049 ASDA–4749 LDA–4619

RWY 31: TORA–5049 TODA–5049 ASDA–4919 LDA–4619

SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 13–31 and rotating bcn—CTAF.

AIRPORT REMARKS: Unattended. 100LL and Jet A avbl 24 hrs. Lctd 100 yds N of smoke jumper base. No GA tfc shud oper on the smoke jumper base ramp. Heavily loaded acft may be making straight out departures and long final apch all dalgt hrs to include forest fire helibase ops May–Sep. Pedestrians, vehicles, and animals on and invof arpt. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. Mountainous terrain surrounds arpt.

AIRPORT MANAGER: (360) 618-2477

WEATHER DATA SOURCES: AWOS–3 118.425 (509) 997–0142.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Seattle ARTCC at 253-351-3694.

RADIO AIDS TO NAVIGATION: NOTAM FILE EPH.

EPHRATA (H) VORTACW 112.6 EPH Chan 73 N47°22.68´ W119°25.44´ 314° 69.3 NM to fld. 1250/21E.

VOR unusable:

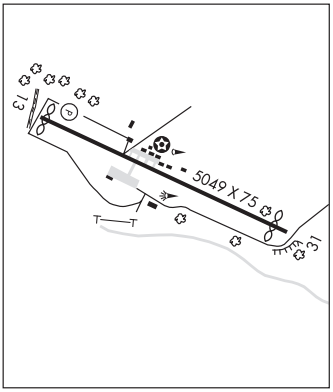
310°–350° byd 25 NM blo 6,500´

TACAN AZIMUTH & DME portion unusable:

280°–295° byd 25 NM blo 7,000´

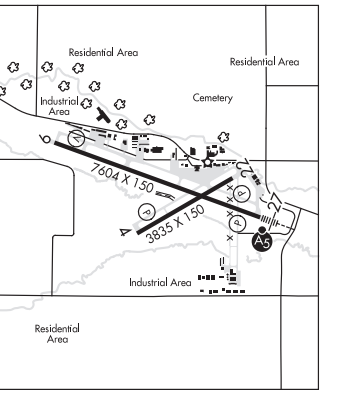
310°–350° byd 25 NM blo 6,500´

COMM/NAV/WEATHER REMARKS: USDA Forest Svc smoke jump base UNICOM. Ltd advisories related to base ops mostly during summer fire season.



WOODLAND STATE (W27) 1 SE UTC–8(–7DT) N45°53.93´ W122°44.24´ **SEATTLE**
29 NOTAM FILE SEA
RWY 14–32: H1953X25 (ASPH) LIRL
RWY 14: Thld dsplcd 290´. Pole. Rgt tfc.
RWY 32: Trees.
AIRPORT REMARKS: Unattended. Vehicles, pedestrians, and animals on and invof arpt. Ctc WA State Aviation Division 360–709–8015 or 1–800–552–0666 WA area for facility info prior to use. For acft accidents/incidents ctc WA state emergency operations center 800–258–5990. 12´ dike northwest end. Extreme turbulence possible when winds from the east. P–line in apch to Rwy 14. Rwy 32 trees, bridge, low hill at southeast end. 6 ft fence in primary sfc, 105 ft from cntrln, west of rwy and runs entire length.
AIRPORT MANAGER: (360) 618-2477
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 503-493-7545.

YAKIMA AIR TERMINAL/MCALLISTER FLD (YKM)(KYKM) 3 S UTC–8(–7DT) N46°34.09´ **SEATTLE**
W120°32.64´ **H–1C, L–13A**
1099 B Class I, ARFF Index A NOTAM FILE YKM **IAP, DIAP, AD**
RWY 09–27: H7604X150 (ASPH–GRVD) S–95, D–160, 2S–175, 2D–220, 2D/2D2–550 PCN 33 F/C/X/T HIRL 0.7% up W
RWY 09: REIL. VASI(V4L)—GA 3.0° TCH 50´. RVR–R
RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 57´. RVR–T
RWY 04–22: H3835X150 (ASPH–PFC) S–70, D–80, 2S–102, 2D–120 PCN 28 F/C/X/T MIRL 0.5% up SW
RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 57´.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–3835 TODA–3835 ASDA–3835 LDA–3835
RWY 09: TORA–7604 TODA–7604 ASDA–7604 LDA–7604
RWY 22: TORA–3835 TODA–3835 ASDA–3835 LDA–3835
RWY 27: TORA–7604 TODA–7604 ASDA–7604 LDA–7604
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** MIRL Rwy 04–22, REIL Rwy 04 and Rwy 22, PAPI Rwy 04 and Rwy 22 OTS when twr clsd. Twy B1 and Twy B2 twy lgts OTS when twr clsd. Twy B lgts south of Rwy 09–27 OTS when twr clsd. When twr clsd ACTIVATE HIRL Rwy 09–27 and MALSR Rwy 27—CTAF.



AIRPORT REMARKS: Attended 1400–0400Z‡. Surf CONDS UNMON 0800–1300Z‡. Be alert, birds invof Yakima River 5 NM east of apch to Rwy 27. Reflectors on Twy C only. Rwy 04–22 some spalling and raveling. PPR for unscheduled air carrier ops with more than 30 pax seats, call arpt mgr 509–575–6149/6150. Twy B from AER 22 to Twy A rstd to acft with wingspans 79´ or less. Main terminal ramp restricted to air carrier acft only. Restricted area outlined with red markings.
AIRPORT MANAGER: 509-575-6149
WEATHER DATA SOURCES: ASOS (509) 248–1502
COMMUNICATIONS: CTAF 133.25 **ATIS** 125.25 **UNICOM** 122.95
RCO 122.5 (SEATTLE RADIO)
Ⓡ **CHINOOK APP/DEP CON** 123.8 (1400–0600Z‡)
Ⓡ **SEATTLE CENTER APP/DEP CON** 132.6 (0600–1400Z‡)
TOWER 133.25 (1400–0600Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Seattle ARTCC at 253-351-3694.
AIRSPACE: CLASS D svc 1400–0600Z‡; other times CLASS E.

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RADIO AIDS TO NAVIGATION: NOTAM FILE YKM.

(H) VORTACW 116.0 YKM Chan 107 N46°34.21´ W120°26.68´ 247° 4.1 NM to fld. 984/21E.

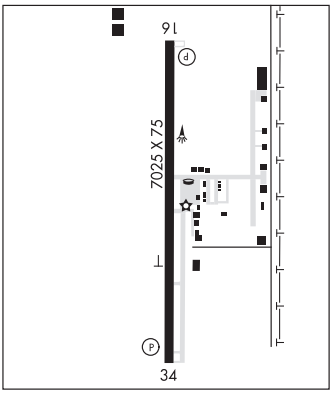
TACAN AZIMUTH & DME unusable:
095°–115° byd 26 NM blo 8,000´
095°–115° byd 35 NM
115°–207° byd 20 NM blo 8,500´
115°–207° byd 36 NM blo 10,000´
207°–230° byd 20 NM blo 10,000´
290°–315° byd 20 NM blo 11,000´
315°–080° byd 12 NM blo 15,000´

VOR portion unusable:
025°–035° byd 5 NM blo 6,000´
080°–105° byd 35 NM blo 6,000´
105°–107° byd 25 NM blo 6,000´
109°–135° byd 25 NM blo 6,000´
135°–180° byd 30 NM blo 7,500´
195°–225° byd 30 NM blo 8,500´
305°–335° byd 30 NM blo 9,000´
350°–080° byd 25 NM blo 9,000´

ILS/DME 110.1 I–YKM Chan 38 Rwy 27. Class IE. Unmonitored when ATCT closed. Localizer backcourse unusable byd 13nm

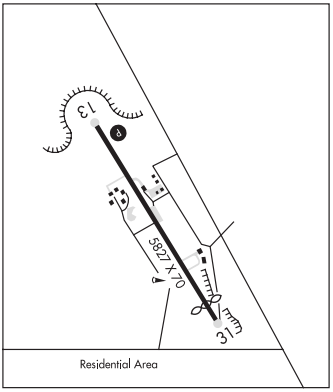
COMM/NAV/WEATHER REMARKS: During hrs twr is clsd all ops invof arpt rstd to acft with VHF radio capability, unless an emerg exist necessitating UHF equipped acft to land.

AFTON MUNI (AFO)(KAFO) 1 SW UTC–7(–6DT) N42º42.53´ W110º56.53´ **SALT LAKE CITY**
6221 B NOTAM FILE CPR **H–3E, L–11D**
RWY 16–34: H7025X75 (ASPH) S–24 MIRL 0.5% up S **IAP**
RWY 16: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Pole. Rgt tfc.
RWY 34: REIL. PAPI(P4L)—GA 3.0º TCH 40´. Tree.



SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE MIRL Rwy 16–34, REIL Rwy 16 and Rwy 34—122.8. PAPI Rwy 16 and PAPI Rwy 34 operate continuously. PAPI Rwy 16 and PAPI Rwy 34 does not provide obst clnc byd 5.0 NM from thld, unusbl byd 5.0 NM.
AIRPORT REMARKS: Attended Mon–Sat 1500–0000Z‡. Fuel 24 hr credit card svc, full svc Jet avbl. Snowbanks 4´ to 7´ along rwys and twys edges from Oct–May with slick spots all sfcs. Cold temperature restricted airport. Altitude correction required at or below –22C. Pilot supplied ropes required.
AIRPORT MANAGER: 307-885-3245
WEATHER DATA SOURCES: AWOS–3P 119.025 (307) 885–2654.
COMMUNICATIONS: CTAF/UNICOM 122.8
BIG PINEY RCO 122.3 (CASPER RADIO)
SALT LAKE CENTER APP/DEP CON 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BPI.
BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42º34.77´ W110º06.55´ 266º 37.7 NM to fld. 6952/16E.

ALPINE (46U) 1 NW UTC–7(–6DT) N43º10.91´ W111º02.31´ **SALT LAKE CITY**
5637 NOTAM FILE CPR **H–3E, L–11D**
RWY 13–31: H5827X70 (ASPH) S–50 MIRL
RWY 13: PAPI(P2L)—GA 3.0º TCH 22´. Rgt tfc.
RWY 31: Thld dsplcd 466´. Road.



SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE PAPI Rwy 13, MIRL Rwy 13–31—CTAF.
AIRPORT REMARKS: Unattended. Arpt CLOSED ngts. 24 hr self svc fuel avbl with credit card. Full svc and Jet A and AvGas also avbl. FBO facility, hangar space and ramp space avbl. For rwy cond in winter ctc arpt mgr. Variable rwy cond and BA winter months. Snowbank along rwy and twy edges possible fall, winter, spring months. Treacherous mtn terrain in close proximity all quads of rwy. Wx permitting land Rwy 13, tkf Rwy 31. Voluntary curfew dusk to dawn. Ngt ldgs ltd to airpark residents only. Ngt time ldgs and tkfs not advs to pilots unfamiliar with terrain. Wildlife on and invof arpt. Bird/waterfowl haz. Noise sensitive airport. Avoid low level flt over city or east of rwy. Rwy 13–31 fences, bldgs and trees within 150´ north and south of cntrln. Arpt rwy 70,000 lb max GWT acft limit, FBO ramp 80,000 lb max single wheel limit, Refuge twy 50,000 lb max GWT. Other residential twys estab their own wt limits and rqr apvl prior to use.
AIRPORT MANAGER: 307-654-4646
WEATHER DATA SOURCES: AWOS–3 119.925 (307) 654–2004.
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE PIH.
POCATELLO (H) VORW/DME 112.6 PIH Chan 73 N42º52.22´ W112º39.13´ 058º 73.4 NM to fld. 4433/17E.
VOR unusable:
060º–130º byd 25 NM blo 13,500´
DME unusable:
060º–130º byd 25 NM blo 17,000´
160º–175º byd 25 NM blo 13,000´

BIG PINEY

MILEY MEM FLD (BPI)(KBPI) 3 N UTC–7(–6DT) N42º34.93´ W110º06.53´ — **SALT LAKE CITY H–3E, L–11D IAP**

6994 B NOTAM FILE BPI

RWY 13–31: H6803X75 (ASPH) S–45, D–60 PCN 31 F/A/X/T MIRL 0.7% up NW

RWY 13: REIL. PAPI(P2L)—GA 3.0º TCH 34´.

RWY 31: REIL. PAPI(P2L)—GA 3.0º TCH 33´.

RWY 08–26: 3301X60 (TURF–DIRT)

RWY 08: Pole.

SERVICE: FUEL 100LL, JET A **LGT** Actvt REIL Rwys 13 and 31; PAPI Rwys 13 and 31; MIRL Rwy 13–31—122.7.

AIRPORT REMARKS: Attended Mon–Fri 1600–2300Z‡. For svc after hrs call 307–276–4022. Fuel: 24 hr credit card svc avbl, Jet A truck also avbl. Rwy 08–26 no line of sight between rwy ends.

AIRPORT MANAGER: (307) 231-5516

WEATHER DATA SOURCES: ASOS 135.225 (307) 276–9917.

COMMUNICATIONS: CTAF/UNICOM 122.8

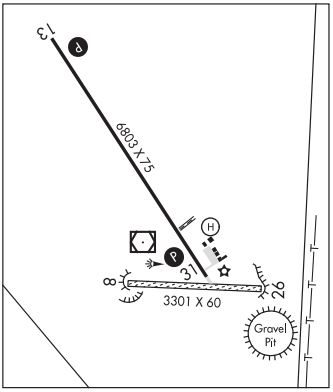
RCO 122.3 (CASPER RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 128.35

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE BPI.

BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42º34.77´ W110º06.55´ at fld. 6952/16E.



BOYSEN RESERVOIR TBX N43º27.88´ W108º14.31´/7298 — **CHEYENNE H–3E, L–11E**

AWOS–3PT 119.150 (307) 709–4487

BOYSEN RESERVOIR N43º27.79´ W108º17.98´ NOTAM FILE CPR. — **CHEYENNE H–3E, L–11E**

(H) VORW/DME 117.8 BOY Chan 125 7550/16E.

RCO 122.3 (CASPER RADIO)

BUFFALO

JOHNSON CO (BYG)(KBYG) 3 NW UTC–7(–6DT) N44º22.87´ W106º43.31´ — **CHEYENNE H–1E, 2G, L–13D IAP**

4970 B NOTAM FILE BYG

RWY 13–31: H6143X75 (ASPH) S–12.5 PCN 24 F/D/X/T MIRL 1.1% up NW

RWY 13: PAPI(P4L)—GA 3.0º TCH 51´. Fence.

RWY 31: REIL. PAPI(P4L)—GA 3.0º TCH 42´.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 13–31, PAPI Rwys 13 and Rwy 31 and REIL Rwy 31—122.8.

AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡, Sat 1500–1900Z‡. For svc after hrs call 307–217–2060 or 210–287–1548. 100LL avbl self svc credit card. For Jet A after hrs phone 307–217–2060 or 210–287–1548. Deer on and invof arpt. Terrain drops off both sides of Rwy 13–31. Rwy 31 +250´ drop 170´ left first 417´.

AIRPORT MANAGER: 307-684-9672

WEATHER DATA SOURCES: ASOS 135.425 (307) 684–2558.

COMMUNICATIONS: CTAF/UNICOM 122.8

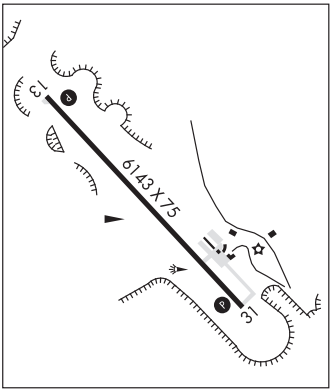
CRAZY WOMAN RCO 122.2 (CASPER RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 127.75

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

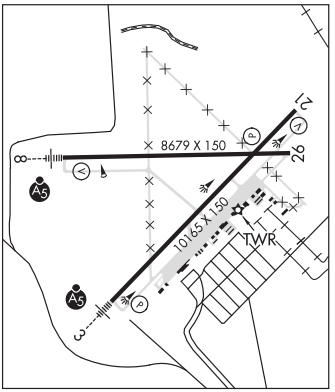
CRAZY WOMAN (H) VORW/DME 117.3 CZI Chan 120 N43º59.98´ W106º26.14´ 319º 26.0 NM to fld. 4800/13E.



CAMP GUERNSEY (See GUERNSEY on page 248)

CASPER

CASPER/NATRONA CO INTL (CPR)(KCPR) 7 NW UTC–7(–6DT) N42º54.35´ W106º27.82´ **CHEYENNE**
5344 B LRA Class I, ARFF Index B NOTAM FILE CPR **H–3F, 5A, L–11E, 12F**
RWY 03–21: H10165X150 (ASPH–GRVD) S–130, D–170, 2D–270 **IAP, AD**
PCN 46 F/B/X/T HIRL
RWY 03: MALSR. PAPI(P4R)—GA 3.0º TCH 50´. RVR–T
RWY 21: REIL. VASI(V4L)—GA 3.0º TCH 56´. RVR–R
RWY 08–26: H8679X150 (ASPH–GRVD) S–85, D–140, 2D–260
PCN 44 F/B/X/T HIRL
RWY 08: MALSR. VASI(V4R)—GA 3.0º TCH 103´. RVR–T
RWY 26: REIL. PAPI(P4R)—GA 3.0º TCH 50´. RVR–R 0.4% up.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–10165 TODA–10165 ASDA–10165 LDA–10165
RWY 08: TORA–8679 TODA–8679 ASDA–8679 LDA–8679
RWY 21: TORA–10165 TODA–10165 ASDA–10165 LDA–10165
RWY 26: TORA–8679 TODA–8679 ASDA–8679 LDA–8679
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** When twr clsd
ACTIVATE HIRL Rwy 03–21 and Rwy 08–26, MALSR Rwy 03 and Rwy 08 and twy lgts—CTAF.
AIRPORT REMARKS: Attended continuously. Emerg pwr avbl Rwy 08–26 and Rwy 03–21. Rwy 08–26 and Rwy 03–21 have lgtd distance remaining signs. Rwys clsd to FSL, TGL, and PLA aircraft more than 250,000 lbs except for 4 hrs PPR 307–995–3950. 225´ crane 1 NM northeast of arpt. Flight Notification Service (ADCUS) available.
AIRPORT MANAGER: 307-472-6688
WEATHER DATA SOURCES: ASOS (307) 472–8960 LAWRS 1200–0400Z‡.
COMMUNICATIONS: CTAF 118.3 **ATIS** 126.15 **UNICOM** 122.95
RCO 122.6 (CASPER RADIO)
Ⓡ **APP/DEP CON** 120.65 (1200–0400Z‡)
Ⓡ **DENVER CENTER APP/DEP CON** 135.6 (0400–1200Z‡)
TOWER 118.3 (1200–0400Z‡) **GND CON** 121.9 **CLNC DEL** 121.9
CLEARANCE DELIVERY PHONE: For CD ctc Casper Apch at 307-472-8940, when Apch clsd ctc Denver ARTCC at 303-651-4257.
AIRSPACE: CLASS D svc 1200–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
MUDDY MOUNTAIN (H) VORW/DME 116.2 DDY Chan 109 N43º05.45´ W106º16.62´ 205º 13.8 NM to fld. 5863/12E.
ILS 111.3 I–SYD Rwy 03. Class IB. Syd LOC is unmonitored from 0400–1200Z‡ daily.
ILS 110.3 I–CPR Rwy 08. Class 1E.
COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.

HARFORD FLD (HAD)(KHAD) 5 N UTC–7(–6DT) N42º55.46´ W106º18.57´ **CHEYENNE**
5370 NOTAM FILE CPR
RWY 07–25: 3810X30 (DIRT)
RWY 07: Bldg.
AIRPORT REMARKS: Unattended. Antelope on and invof arpt. Rwy 07–25 has +2–4´ berms 40´ either side of cntrln. Line of sight problem btn Rwy 07 and Rwy 25, Rwy 25 slopes uphill first 510´. Abandoned arpt 1.5 miles west.
AIRPORT MANAGER: 307-262-0606
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Casper Apch at 307-472-8940, when Apch clsd ctc Denver ARTCC at 303-651-4257.

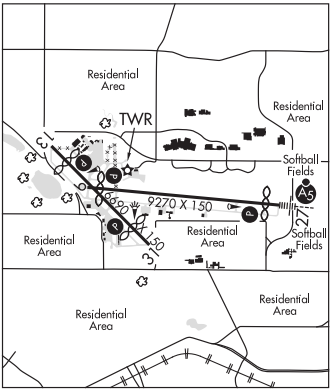
CASPER N43º07.28´ W106º20.73´ **CHEYENNE**
RCO 122.6 (CASPER RADIO) **L–11E, 12F**

CENTRAL WYOMING RGNL (See RIVERTON on page 255)

CHEROKEE N41º45.34´ W107º34.92´ NOTAM FILE CPR. **CHEYENNE**
(H) VORW/DME 115.0 CKW Chan 97 065º 17.4 NM to Rawlins Muni/Harvey Fld. 7050/15E. **H–3E, L–11E**
RCO 122.4 (CASPER RADIO)

CHEYENNE RGNL/JERRY OLSON FLD (CYS)(KCYS) P (AF ANG ARNG) 1 N UTC–7(–6DT)
N41º09.34´ W104º48.63´
6160 B Class I, ARFF Index A NOTAM FILE CYS MON Airport

CHEYENNE
H–3F, 5A, L–12F
IAP, AD



RWY 09–27: H9270X150 (CONC–GRVD) S–75, D–140, 2S–150, 2D–150, 2D/2D2–250 HIRL
RWY 09: REIL. PAPI(P4L)—GA 3.0º TCH 50´. RVR–R Thld dsplcd 610´. Tree. 0.4% down.
RWY 27: MALSR. PAPI(P4L)—GA 3.0º TCH 55´. RVR–T Thld dsplcd 675´. 0.7% up.
RWY 13–31: H6690X150 (ASPH–GRVD) S–75, D–120, 2S–150, 2D–150, 2D/2D2–200 MIRL 0.5% up NW
RWY 13: REIL. PAPI(P4L)—GA 3.0º TCH 55´. Thld dsplcd 1060´. Fence.
RWY 31: REIL. PAPI(P4L)—GA 3.0º TCH 55´. Thld dsplcd 1160´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 09: TORA–9270 TODA–9270 ASDA–8595 LDA–7985
RWY 13: TORA–5530 TODA–6690 ASDA–5890 LDA–4830
RWY 27: TORA–9270 TODA–9270 ASDA–8660 LDA–7985
RWY 31: TORA–6690 TODA–6690 ASDA–6040 LDA–4880
SERVICE: S2 **FUEL** 100LL, JET A, A1 **OX** 1, 2 **LGT** ACTIVATE MALSR Rwy 27, REIL Rwy 09, Rwy 13 and Rwy 31, PAPI Rwy 09, Rwy 27, Rwy 13 and Rwy 31, HIRL Rwy 09–27 and MIRL Rwy 13–31—CTAF.
MILITARY— JASU 2(MA–1A) 1(MC–1A) 3(A/M–32A–86D) **FUEL** A+ (avbl 1300–0500Z‡, C307–634–7071, after hr C307–634–7079 $50 fee). A++ avbl at ANG. (NC–100LL, A, A1). Maint and fuel support for C–130 avbl with ANG PPR only, all other acft with ANG PPR must provide refuel/maint pers.

AIRPORT REMARKS: Attended 1300–0500Z‡. After hrs fuel call 307–634–7079. Bird activity invof arpt. Heavy helicopter tfc 2 NM southwest of arpt sfc to 1000´ AGL dur dalgt wkdays. Pilots should avoid F.E. Warren AFHP at all times. PPR for unscheduled air carrier ops when twr clsd call arpt mgr 307–638–3872. Twy C clsd north of Twy F. Twy D and Twy G clsd indef. Caution: Twy B1, Twy C and Twy E hold short lines for all rwys. Rwy cond report avbl on req from twr 1300–0500Z‡ 30 min prior ntc rqrd.

MILITARY REMARKS: ANG PPR DSN388–6355/6879, C307–772–6355/6879. ANG Base OPS nml opr 1300–2230Z‡ Mon–Thu, ltd Fri, clsd Sat, Sun, and hol. Comd Post DSN388–6470, C307–772–6470 nml opr 1300–2230Z‡ Mon–Thu, ltd Fri, clsd Sat, Sun, and hol. All tran acft ctc ANG Comd Post 15 min prior ldg. C–130 Maint and ltd de–ice svc avbl to mil acft with ANG PPR. BASH Phase II, increased bird haz May–Sep. No twy edge lgt on Twy C & Twy F. NSTD white age box mrkgs on apn. NST fire lane mrks on apn. **CSTMS/AG** Limited customs/AF avbl to mil acft only, 24 hr PN rqr. Ctc ANG Base Ops dur normal ops hrs. **RWY** Rwy 09–27 and Rwy 13–31have painted assault ldg zone markings.

AIRPORT MANAGER: 307-634-7071
WEATHER DATA SOURCES: ASOS (307) 632–7680 SAWRS.
COMMUNICATIONS: CTAF 118.7 **ATIS** 134.425 **UNICOM** 122.95
RCO 122.3 (CASPER RADIO)
® **CHEYENE APP/DEP CON** 124.55 (1300–0500Z‡)
® **DENVER CENTER APP/DEP CON** 125.9 (0500–1300Z‡)
TOWER 118.7 (1300–0500Z‡) **GND CON** 121.9
CLEARANCE DELIVERY PHONE: For CD ctc Cheyenne Apch at 307-772-6032, when Apch clsd ctc Denver ARTCC at 303-651-4257.
AIRSPACE: CLASS D svc 1300–0500Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CYS.
(H) VORTACW 113.1 CYS Chan 78 N41º12.66´ W104º46.37´ 194º 3.7 NM to fld. 6211/13E.
ILS/DME 110.1 I–CYS Chan 38 Rwy 27. Class IB. Unmonitored when ATCT closed.
ASR/PAR (Mon–Thu 1500–2000Z‡, except federal holidays)

CODY

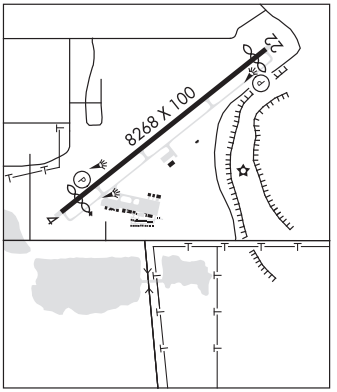
YELLOWSTONE RGNL (COD)(KCOD) 2 SE UTC–7(–6DT) N44º31.21´ W109º01.43´ **GREAT FALLS H–1E, L–13D IAP**

5102 B Class I, ARFF Index A NOTAM FILE COD

RWY 04–22: H8268X100 (ASPH–GRVD) S–95, D–124, 2S–101, 2D–193 PCN 38 F/D/X/T HIRL

RWY 04: REIL. PAPI(P4L)—GA 3.5º TCH 63´. Thld dsplcd 690´. Pole. 0.7% down.

RWY 22: REIL. PAPI(P4L)—GA 3.0º TCH 53´. Thld dsplcd 400´. Ground.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA–8268 TODA–8268 ASDA–7868 LDA–7178

RWY 22: TORA–8268 TODA–8268 ASDA–7578 LDA–7178

SERVICE: S4 **FUEL** 100, JET A **OX** 1 **LGT** ACTIVATE HIRL and REIL Rwy 04–22—CTAF. Rwy 04 PAPI unusbl byd 4.0 NM due to rapidly rising terrain N of final to Rwy 04.

AIRPORT REMARKS: Attended 1200–0700Z‡. Call out after hrs svcs is 307–587–9262. Airfield sfc conds are not mntd btwn the hrs of 0500–1200Z‡. Clsd to unscheduled air carrier ops with more than 30 pax seats exc PPR call arpt ops 307–899–5096. Low level waterfowl on lake 1/4 mile SE of Rwy 04 thld. Cold temperature restricted airport. Altitude correction required at or below –31C. Ldg fee for acft over 9,000 lbs.

AIRPORT MANAGER: 307-587-5096

WEATHER DATA SOURCES: AWOS–3PT 135.075 (307) 527–5197.

COMMUNICATIONS: CTAF/UNICOM 122.8

CODY RCO 122.3 (CASPER RADIO)

SALT LAKE CENTER APP/DEP CON 127.75

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE COD.

CODY (L) VORW/DME 111.8 COD Chan 55 N44º37.23´ W108º57.90´ 189º 6.5 NM to fld. 4800/14E.

VOR unusable:

043º–113º byd 10 NM blo 9,500´

DME portion unusable:

043º–113º byd 10 NM blo 9,500´

113º–138º byd 22 NM blo 10,000´

138º–183º byd 32 NM blo 11,000´

183º–343º byd 30 NM blo 17,000´

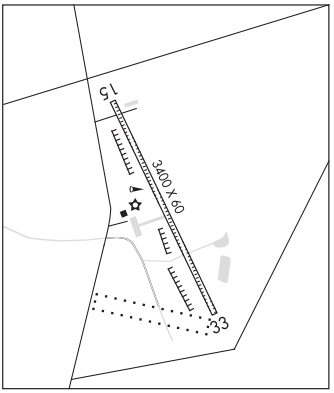
COKEVILLE MUNI (UØ6) 3 S UTC–7(–6DT) N42º02.75´ W110º57.96´ **SALT LAKE CITY L–11D**

6270 B NOTAM FILE CPR

RWY 15–33: 3400X60 (GRVL–DIRT) S–10

SERVICE: **LGT** Beacon OTS INDEFLY.

AIRPORT REMARKS: Unattended. 120´ high electrical transmission lines running east–west 2 miles north of arpt. +2´ ground 70´ west of cntrln full length. Unctl vehicle access to arpt. Rwy 15–33 elev highest near midfld. No line of sight between rwy ends. Rwy 15–33 CMPCTD rock and dirt with emulsified sealer sprayed on SFC. Variable rwy conds and braking action during winter months due to thawing and freezing precipitation. Panels chipped and dented with paint peeling. Grass has overgrown and segmented circle is difficult to see.



AIRPORT MANAGER: (307) 270-8266

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

FORT BRIDGER (L) VORW/DME 108.6 FBR Chan 23 N41º22.71´ W110º25.44´ 315º 46.8 NM to fld. 7058/14E.

CONVERSE CO (See DOUGLAS on page 244)

COWLEY/LOVELL/BYRON

NORTH BIG HORN CO (U68) 2 N UTC–7(–6DT) N44°54.70´ W108°26.73´ — **BILLINGS H–1E, L–13D IAP**

4094 B NOTAM FILE CPR

RWY 09–27: H5200X75 (ASPH) S–12.5 MIRL

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40´. Hill.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40´. Hill.

RWY 16–34: 1866X65 (DIRT)

SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 09–27 and PAPI Rwy 09 and Rwy 27 and REIL Rwy 09 and Rwy 27—122.8.

AIRPORT REMARKS: Attended irregularly. Atndnc is periodic and unsched; phone ahead for SVCS. For attendant AFT HRS call 307–250–7215. Fuel 24 HR credit card SVC AVBL. Rwy 16–34 soft when wet. Reflective markers mark entrance to twy and turnaround. RWY 16–34 RWY end delinated by +1´ cones. Pilot supplied ropes preferred for tie downs.

AIRPORT MANAGER: 307-568-2551

WEATHER DATA SOURCES: AWOS–3 119.925 (307) 548–2560.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ**SALT LAKE CENTER APP/DEP CON** 133.25

CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

RADIO AIDS TO NAVIGATION: NOTAM FILE COD.

CODY (L) VORW/DME 111.8 COD Chan 55 N44°37.23´ W108°57.90´ 038° 28.3 NM to fld. 4800/14E.

VOR unusable:
043°–113° byd 10 NM blo 9,500´

DME portion unusable:
043°–113° byd 10 NM blo 9,500´
113°–138° byd 22 NM blo 10,000´
138°–183° byd 32 NM blo 11,000´
183°–343° byd 30 NM blo 17,000´

COWLEY NDB (MHW) 257 HCY N44°54.84´ W108°26.59´ at fld. 4085/11E. NOTAM FILE CPR.

Unusable:
Byd 20 NM

COWLEY N44°54.84´ W108°26.59´ NOTAM FILE CPR. — **BILLINGS L–13D**

NDB (MHW) 257 HCY at North Big Horn Co. 4085/11E.

Unusable:
Byd 20 NM

CRAZY WOMAN N43°59.98´ W106°26.14´ NOTAM FILE CPR. — **CHEYENNE H–1F, 2G, L–11E, 12F**

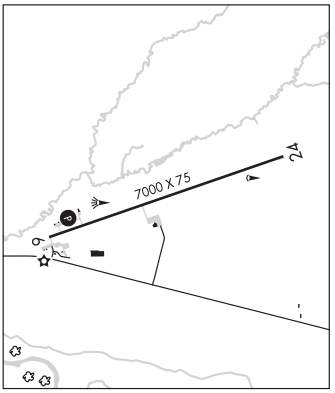
(H) VORW/DME 117.3 CZI Chan 120 319° 26.0 NM to Johnson Co. 4800/13E.

RCO 122.2 (CASPER RADIO)

DERYK N44°16.25´ W105°31.33´ NOTAM FILE GCC. — **CHEYENNE L–12F, 13E**

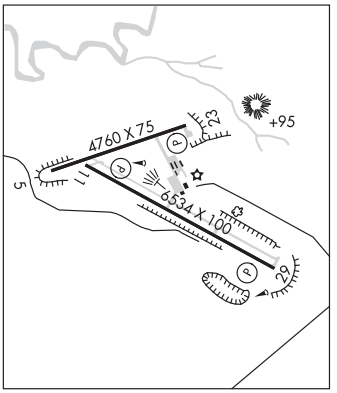
NDB (MHW/LOM) 380 GC 342° 4.7 NM to Northeast Wyoming Rgnl. 4674/9E. NDB unmonitored 0500–1300Z‡.

DIXON (DWX)(KDWX) 2 E UTC–7(–6DT) N41º02.25´ W107º29.55´ **CHEYENNE**
6549 B NOTAM FILE DWX **H–3E, L–9E, 11E**
RWY 06–24: H7000X75 (ASPH) S–24.5 MIRL **IAP**
RWY 06: REIL. PAPI(P2L)—GA 3.0º TCH 30´.
RWY 24: REIL. Fence.
SERVICE: **FUEL** 100LL **LGT** ACTVT REILS Rwy 06 and 24; PAPI Rwy 06, MIRL Rwy 06–24—CTAF. MIRLS and REILS only avbl fr SS to SR.
AIRPORT REMARKS: Unattended. Fuel 24 hr credit card svc avbl. Wildlife on and in vicinity of arpt. 6´ wildlife fence all around arpt with gated cattle guard entrances. Plus 500´ terrain 9,700´ from AER 24. Snow banks +4´ along entire rwy winter months. Cold temperature restricted airport. Altitude correction required at or below –38C.
AIRPORT MANAGER: 307-380-8057
WEATHER DATA SOURCES: AWOS–3PT 119.425 (307) 383–2504.
COMMUNICATIONS: CTAF 122.9
Ⓡ**DENVER CENTER APP/DEP CON** 120.475
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.
RADIO AIDS TO NAVIGATION: NOTAM FILE DEN.
HAYDEN (H) VORW/DME 115.6 CHE Chan 103 N40º31.20´ W107º18.29´ 331º 32.2 NM to fld. 7271/14E.

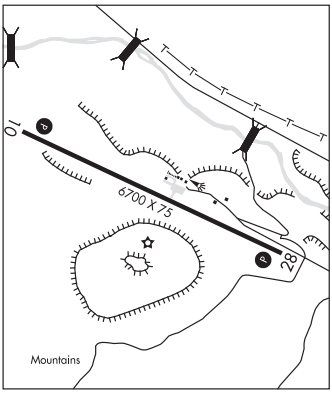


DOUGLAS

CONVERSE CO (DGW)(KDGW) 3 N UTC–7(–6DT) N42º47.83´ W105º23.15´ **CHEYENNE**
4933 B NOTAM FILE DGW MON Airport **H–3F, 5A, L–12F**
RWY 11–29: H6534X100 (ASPH) MIRL 0.4% up SE **IAP**
RWY 11: REIL. PAPI(P2L)—GA 3.0º TCH 30´.
RWY 29: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
RWY 05–23: 4760X75 (GRVL–DIRT) S–12.5 MIRL 0.3% up NE
RWY 23: PAPI(P2L)—GA 3.0º TCH 45´. Hill.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwys 11 and 29; MIRL Rwy 05–23 and 11–29 dalgt hrs–122.8. MIRL Rwy 05–23 and 11–29 preset to low intst dark hrs, to incr intst–122.8. PAPI Rwy 11, 23 and 29 opr consly.
AIRPORT REMARKS: Attended Mon–Fri 1330–0000Z‡, Sat–Sun 1500–0000Z‡. Fuel after hrs see phone numbers posted in trml lobby. Call out fee will apply. Wildlife on and invof arpt. Retro–reflective markers along all twys.
AIRPORT MANAGER: 307-358-4924
WEATHER DATA SOURCES: ASOS 135.225 (307) 358–4448. Opr full–time 0700–0659Z‡.
COMMUNICATIONS: CTAF/UNICOM 122.8
DOUGLAS RCO 122.4 (CASPER RADIO)
DENVER CENTER APP/DEP CON 135.6
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Denver ARTCC at 303-651-4257.
RADIO AIDS TO NAVIGATION: NOTAM FILE DGW.
HIPSHER (H) VORW/DME 115.75 IIP Chan 104(Y) N42º40.57´ W105º13.57´ 304º 10.1 NM to fld. 4906/12E.



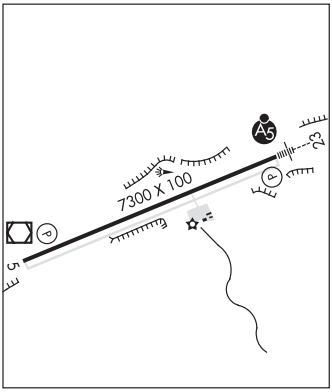
DUBOIS MUNI (DUB)(KDUB) 3 NW UTC–7(–6DT) N43º32.92´ W109º41.45´ **SALT LAKE CITY H–3E, L–11D**
7299 B TPA—See Remarks NOTAM FILE CPR
RWY 10–28: H6700X75 (ASPH) S–24 PCN 8 F/C/Y/T MIRL
0.9% up W
RWY 10: PAPI(P2L)—GA 3.0º TCH 40´. Fence.
RWY 28: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Rgt tfc.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 28, PAPI Rwy 10 and Rwy 28 and MIRL Rwy 10–28—CTAF.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hours self serve credit card. TPA—All traffic patterns to north of rwy because of mtns south.
AIRPORT MANAGER: 307-455-2100
WEATHER DATA SOURCES: AWOS–3PT 118.275 (307) 455–2211.
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
BOYSEN RESERVOIR (H) VORW/DME 117.8 BOY Chan 125
N43º27.79´ W108º17.98´ 259º 61.0 NM to fld. 7550/16E.



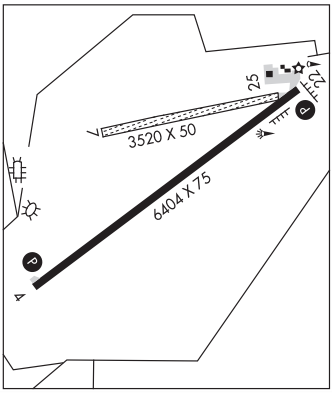
DUNOIR N43º49.70´ W110º20.13´ NOTAM FILE CPR. **SALT LAKE CITY H–1D, L–11D**
(H) VORW/DME 117.2 DNW Chan 119 218º 22.0 NM to Jackson Hole. 7730/15E.
VOR/DME unusable:
010º–030º byd 25 NM blo 17,000´
030º–130º byd 15 NM
130º–210º byd 20 NM
210º–230º byd 25 NM
230º–240º byd 20 NM
240º–270º byd 30 NM
270º–330º byd 20 NM
330º–340º byd 10 NM
340º–010º byd 15 NM
RCO 122.6 (CASPER RADIO)

ELK MOUNTAIN EHY N41º43.52´ W106º27.57´/7299 **SALT LAKE CITY H–3E, L–11D**
AWOS–3 118.8 (307) 348–7320 Stand alone mountain top facility.

EVANSTON–UINTA CO BURNS FLD (EVW)(KEVW) 3 W UTC–7(–6DT) N41º16.49´ W111º02.08´ **SALT LAKE CITY H–3E, L–9D, 11D IAP**
7143 B NOTAM FILE EVW MON Airport
RWY 05–23: H7300X100 (ASPH–GRVD) S–30, D–70 HIRL
RWY 05: REIL. PAPI(P4L)—GA 3.0º TCH 45´.
RWY 23: MALSR. PAPI(P4L)—GA 3.0º TCH 45´.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 2 **LGT** ACTIVATE HIRL Rwy 05–23, MALSR Rwy 23, REIL Rwy 05—123.0. PAPI Rwy 05 and Rwy 23 opr continuously.
AIRPORT REMARKS: Attended 1400–0200Z‡. For svc after hrs call 1–307–789–2256. Wildlife on and invof arpt. Hangars only occasionally available, arpt changes facility fee.
AIRPORT MANAGER: 307-789-2256
WEATHER DATA SOURCES: ASOS 120.0 (307) 789–0585. Opr full–time 0700–0659Z‡.
COMMUNICATIONS: CTAF/UNICOM 123.0
SALT LAKE CENTER APP/DEP CON 127.7
GCO 121.72 (SALT LAKE CENTER CD), Casper FSS not avbl.
CLEARANCE DELIVERY PHONE: For CD if una via GCO ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE EVW.
(T) VORW/DME 109.6 EVW Chan 33 N41º16.35´
W111º02.81´ at fld. 7145/13E.
ILS/DME 108.9 I–EVW Chan 26 Rwy 23. Class IE. Glideslope unusable byd 5º rgt of course. Status is not remotely Monitored.

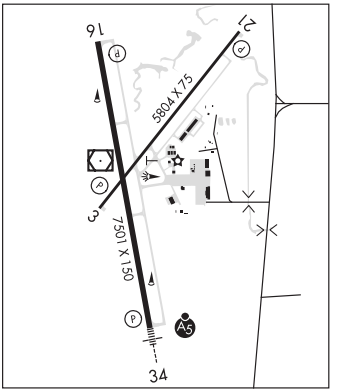


FORT BRIDGER (FBR)(KFBR) 4 N UTC–7(–6DT) N41°23.60´ W110°24.36´ **SALT LAKE CITY**
7038 B NOTAM FILE CPR **H–3E, L–11D**
RWY 04–22: H6404X75 (ASPH) S–12.5, D–20, 2D–20 MIRL **IAP**
0.5% up SW
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 22´.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 22´.
RWY 07–25: 3520X50 (TURF–DIRT) 0.3% up SW
RWY 07: Fence.
SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 04–22, REIL Rwy 04 and Rwy 22, and PAPI Rwy 04 and Rwy 22—122.8.
AIRPORT REMARKS: Unattended. For svc after hrs call 307–799–5511. Fuel avbl by 24 hr card svc. Numerous prairie dog holes, sage brush and depressions on sfc. Rwy 04–22 plowed winter months, Rwy 07–25 clsd winter months except for ski equipment acft, dirt/turf rwys not maintained.
AIRPORT MANAGER: (307) 799-5511
WEATHER DATA SOURCES: AWOS–3PT 118.8 (307) 782–3226.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (CASPER RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 124.35
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
(L) VORW/DME 108.6 FBR Chan 23 N41°22.71´ W110°25.44´ 028° 1.2 NM to fld. 7058/14E.



GILLETTE

NORTHEAST WYOMING RGNL (GCC)(KGCC) 4 NW UTC–7(–6DT) N44°20.93´ W105°32.36´ **CHEYENNE**
4365 B TPA—See Remarks Class I, ARFF Index A NOTAM FILE GCC **H–1F, 2G, L–12F, 13E**
RWY 16–34: H7501X150 (CONC–GRVD) S–70, D–110, 2S–139, **IAP, AD**
2D–160 PCN 35 R/C/W/T HIRL 0.4% up SE
RWY 16: REIL. PAPI(P4L)—GA 3.17° TCH 43´. Road.
RWY 34: MALSR. PAPI(P4L)—GA 3.2° TCH 56´. P–line.
RWY 03–21: H5804X75 (CONC–GRVD) S–40, D–60 PCN 13 R/D/W/T MIRL 0.4% up SW
RWY 03: REIL. PAPI(P4L)—GA 4.0° TCH 41´.
RWY 21: REIL. PAPI(P4L)—GA 4.0° TCH 39´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 03: TORA–5803 TODA–5803 ASDA–5803 LDA–5803
RWY 16: TORA–7500 TODA–7500 ASDA–7500 LDA–7500
RWY 21: TORA–5803 TODA–5803 ASDA–5803 LDA–5803
RWY 34: TORA–7500 TODA–7500 ASDA–7500 LDA–7500
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2 **LGT** When twr clsd ACTIVATE HIRL Rwy 16–34, MIRL Rwy 03–21, MALSR Rwy 34—CTAF. When twr clsd sequence flashers Rwy 34 avbl on high setting only, REIL Rwy 03, Rwy 21 and Rwy 16 not avbl.
AIRPORT REMARKS: Attended 1200–0700Z‡. Conditions unmonitored. 24 hr self svc credit card fuel avbl. Migratory waterfowl invof arpt. Mining/blasting ops 1/2 mile northeast AER 21 dur dalgt hrs ctc twr. TPA—5165(800) for light acft, 5565(1200) for large acft. PPR unscheduled air carrier ops with more than 30 pax seats call arpt mgr 307–686–1042.
AIRPORT MANAGER: 307-686-1042
WEATHER DATA SOURCES: ASOS 124.175 (307) 682–1712.
COMMUNICATIONS: CTAF 118.5 **UNICOM** 122.95
GILLETTE RCO 122.3 (CASPER RADIO)
DENVER CENTER APP/DEP CON 135.6
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.
AIRSPACE: CLASS D svc 1300–0600Z‡; other times CLASS G.



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RADIO AIDS TO NAVIGATION: NOTAM FILE GCC.
GILLETTE (H) VORW/DME 114.6 GCC Chan 93 N44º20.87´ W105º32.61´ at fld. 4336/9E.
VOR portion unusable:
253º–278º byd 20 NM blo 8,000´
DME portion unusable:
163º–193º byd 25 NM blo 10,300´
193º–268º byd 20 NM blo 8,000´
193º–268º byd 30 NM blo 13,000´
268º–333º byd 22 NM blo 10,500´
DERYK NDB (MHW/LOM) 380 GC N44º16.25´ W105º31.33´ 342º 4.7 NM to fld. 4674/9E. NDB unmonitored 0500–1300Z‡.
ILS/DME 110.1 I–LLT Chan 38 Rwy 34. Class IT. LOM DERYK NDB. Glideslope unusable byd 8 NM. Unmonitored when ATCT clsd.

GLENDO

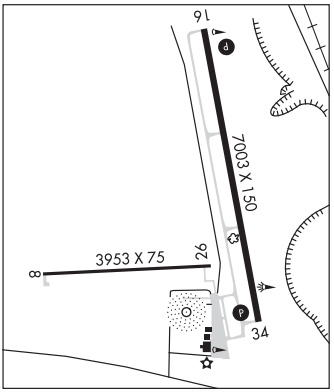
THOMAS MEM (76V) 1 N UTC–7(–6DT) N42º31.20´ W105º01.20´ **CHEYENNE**
4666 NOTAM FILE CPR
RWY 16–34: 4397X70 (TURF–DIRT)
RWY 16: Tree.
RWY 34: Road.
AIRPORT REMARKS: Unattended. Ctc town hall 307–735–4242 or arpt mgr 307–331–5005 prior to use for sfc cond. Ocnl antelope on rwy. First 500 ft Rwy 34 end very rough. Rwy 16–34 mowed natural grass. Rwy 16–34 muddy, slick and soft when wet, ocnl gopher holes. Unrestricted vehicle access.
AIRPORT MANAGER: (307) 331-5005
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.

GREEN RIVER

GTR GREEN RIVER INTERGALACTIC SPACEPORT (48U) 4 S UTC–7(–6DT) N41º27.49´ W109º29.40´ **SALT LAKE CITY**
7182 NOTAM FILE CPR
RWY 04–22: 5800X130 (DIRT)
AIRPORT REMARKS: Unattended. No snow removal avbl. Rwy soft when wet. 3´ berm near rwy edges entire length of rwy. Possible debris found on rwy. Rwy 04–22 width may vary based on grading. Arpt on top of mountain, land descends very steeply from rwy ends. No line of sight btn rwy ends.
AIRPORT MANAGER: 307-872-0525
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

GREYBULL

SOUTH BIG HORN CO (GEY)(KGEY) 2 NW UTC–7(–6DT) N44º31.08´ W108º04.98´ **BILLINGS**
3942 B NOTAM FILE GEY **H–1E, L–13D**
RWY 16–34: H7003X150 (ASPH) S–85, D–150, 2D–290 MIRL **IAP**
RWY 16: REIL. PAPI(P4L)—GA 3.0º TCH 50´.
RWY 34: REIL. PAPI(P4L)—GA 3.0º TCH 50´.
RWY 08–26: H3953X75 (ASPH) S–12.5
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE MIRL Rwy 16–34, PAPI Rwy 16 and Rwy 34, REIL Rwy 16 and Rwy 34—CTAF.
AIRPORT REMARKS: Attended Mon–Fri 1500–0000Z‡. For svc after hrs call 307–431–1464. Fuel 24 hr credit card svc avbl. 100LL only. Jet A avbl during attendance hrs. After hrs call 307–765–9911. Cold temperature restricted airport. Altitude correction required at or below –33C. Antelope on and invof rwy. Terrain 1066´ abv arpt elevation 4–5 miles north and northeast of arpt.
AIRPORT MANAGER: 307-568-2551
WEATHER DATA SOURCES: ASOS 135.325 (307) 765–9406. Opr full–time 0700–0659Z‡.
COMMUNICATIONS: CTAF 122.9
SALT LAKE CENTER APP/DEP CON 127.75
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE WRL.
WORLAND (L) VORW/DME 114.8 RLY Chan 95 N43º57.85´ W107º57.05´ 337º 33.7 NM to fld. 4204/13E.
GREYBULL NDB (MHW) 275 GEY N44º30.69´ W108º04.97´ at fld. 3920/10E. NOTAM FILE GEY.

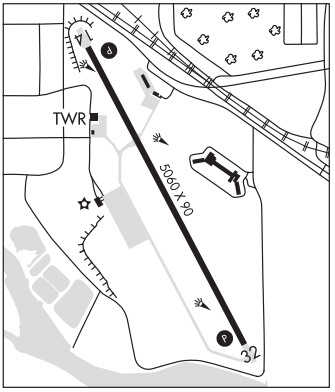


GTR GREEN RIVER INTERGALACTIC SPACEPORT (See GREEN RIVER on page 247)

GUERNSEY

CAMP GUERNSEY (GUR)(KGUR) CIV/MIL A 1 SE UTC–7(–6DT) N42°15.59´ W104°43.70´ **CHEYENNE**
4402 B NOTAM FILE CPR **H–3F, 5A, L–12F**
IAP, AD

RWY 14–32: H5060X90 (ASPH–PFC) PCN 56 R/B/W/T MIRL
1.3% up NW
RWY 14: PAPI(P4L)—GA 3.3° TCH 38´.
RWY 32: PAPI(P4L)—GA 3.3° TCH 38´. Rgt tfc.



SERVICE: **FUEL** 100LL, JET A++ **LGT** ACTVT PAPI RWY 14 and 32; MIRL RWY 14–32—CTAF.
MILITARY—LGT Mil bcn. **FUEL** 100LL self SVC fuel AVBL H24 with credit card. A++ AVBL by PPR.

AIRPORT REMARKS: Attended Apr–Sep Mon–Fri 1500–0600Z‡, Oct–Mar Mon–Fri 1500–0400Z‡, exc hol. Migratory water fowl, birds, and deer on and INVOF RWY. RWY 14: 48 FT drop off on AER. Rwy 32: 12 ft drop off on AER. Rwy 14–32 10´ asph non–wt bearing shoulders. BLDG 13 FT BLW SFC ELEV LCTD 366 FT NW FR RWY 32 DEP zone WI clear zone. Noise abatement areas border W of AFLD.

MILITARY REMARKS: RSTD All trans mil acft PPR DSN 344–7884/7629; C307–836–7884/7629. Extensive COPTER and C130 operations year round. North apn rstd to rotor wing/fixed wing UH–60/C–12 or smaller acft. Extv mil R/W and C–130/C17 F/W opr yr round. Acft weighing more than 12,500 lbs must use conc turn arounds at each thld int. All C130/C17 acft PPR. AIR/GND EQPT and crash rescue AVBL at ETA/ETD if RQRD with PPR. **TFC PAT** Fixed wing 5900´. Rotary Wing 5100´. Left tfc Rwy 14, rgt tfc Rwy 32.
MISC Small arms range within 3NM rad of GUR. sfc–4000´ agl. R–7001A, B, C 6NM NW. **ARNG** No tran mil maint avbl.

AIRPORT MANAGER: 307-836-7878

WEATHER DATA SOURCES: AWOS–3PT 119.825 (307) 836–7862.

COMMUNICATIONS: CTAF 126.2 **ATIS** 119.825
DENVER CENTER APP/DEP CON 135.6 363.025
TOWER 126.2 233.3 (1500–0600Z‡ 01 Apr–30 Sep; 1500–0400Z‡ 01 Oct–31 Mar; Mon–Fri exc hol.)
COWBOY RDO 122.7 (R–7001)

AIRSPACE: CLASS D svc 1500–0600Z‡ 01 Apr – 30 Sep; 1500–0400Z‡ 01 Oct– 31 Mar; Mon–Fri exc hol; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DGW.
HIPSHER (H) VORW/DME 115.75 IIP Chan 104(Y) N42°40.57´ W105°13.57´ 126° 33.4 NM to fld. 4906/12E.
NDB (HW) 280 GYZ N42°14.40´ W104°42.86´ 321° 1.3 NM to fld. 4489/11E. NOTAM FILE CPR.
NDB unmntd when ATCT clsd

COMM/NAV/WEATHER REMARKS: Required call to Guernsey ATCT prior to entering R–7001.

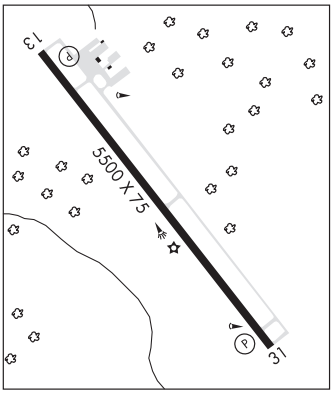
HARFORD FLD (See CASPER on page 240)

HIPSHER N42°40.57´ W105°13.57´ NOTAM FILE DGW. **CHEYENNE**
(H) VORW/DME 115.75 IIP Chan 104(Y) 304° 10.1 NM to Converse Co. 4906/12E. **L–12F**

HOT SPRINGS CO (See THERMOPOLIS on page 258)

HULETT MUNI (W43) 2 SE UTC–7(–6DT) N44°39.77´ W104°34.07´ **BILLINGS**
4264 B NOTAM FILE CPR **H–1F, 2H, L–12F, 13E**
IAP

RWY 13–31: H5500X75 (ASPH) S–12.5 MIRL 1.3% up SE
RWY 13: REIL. PAPI(P2L)—GA 2.75° TCH 35´.
RWY 31: REIL. PAPI(P2L)—GA 3.75° TCH 41´. Hill. Rgt tfc.

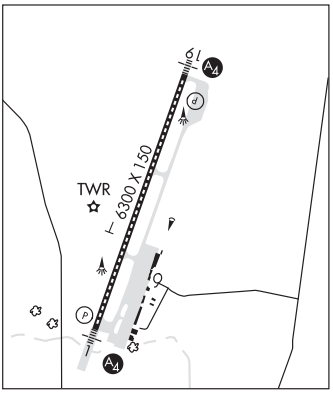


SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 13–31 and REIL Rwy 13 and Rwy 31—CTAF.
AIRPORT REMARKS: Unattended. Cold temperature restricted airport, altitude correction at or blo –34C. 24 hr self svc credit card fuel avbl. Devils Tower National Monument lctd aprx 7 miles southwest of arpt. Voluntary 2 mile flgt avoidance radius in effect Jan–May and Jul–Dec. Voluntary 3 mile flgt avoidance radius in effect in Jun. Retro–reflective markers along twys. No amber lighting last 2000´ of rollout Rwy 31 as rqrd with inst apch.
AIRPORT MANAGER: 307-467-5771
WEATHER DATA SOURCES: AWOS–3PT 128.775 (307) 467–5575.
COMMUNICATIONS: CTAF/UNICOM 122.8
DENVER CENTER APP/DEP CON 127.95
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.
RADIO AIDS TO NAVIGATION: NOTAM FILE GCC.
GILLETTE (H) VORW/DME 114.6 GCC Chan 93 N44°20.87´ W105°32.61´ 056° 46.0 NM to fld. 4336/9E.
VOR portion unusable:
253°–278° byd 20 NM blo 8,000´
DME portion unusable:
163°–193° byd 25 NM blo 10,300´
193°–268° byd 20 NM blo 8,000´
193°–268° byd 30 NM blo 13,000´
268°–333° byd 22 NM blo 10,500´

HUNT FLD (See LANDER on page 251)

JACKSON HOLE (JAC)(KJAC) 7 N UTC–7(–6DT) N43°36.44´ W110°44.27´ **SALT LAKE CITY**
6451 B Class I, ARFF Index B NOTAM FILE JAC MON Airport **H–3E, L–11D**
IAP, AD

RWY 01–19: H6300X150 (ASPH–PFC) S–75, D–200, 2S–175, 2D–380 PCN 57 F/A/X/U HIRL CL 0.6% up N
RWY 01: MALS. PAPI(P4L)—GA 3.0° TCH 50´. RVR–TMR Road.
RWY 19: MALS. PAPI(P4L)—GA 3.0° TCH 53´. RVR–TMR



RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–6300 TODA–6300 ASDA–6300 LDA–6300
RWY 19: TORA–6300 TODA–6300 ASDA–6300 LDA–6300
SERVICE: S4 **FUEL** 100, JET A **OX** 3 **LGT** When twr clsd ACTIVATE HIRL Rwy 01–19, MALS Rwy 01–19, Twy lgts and wind tee—CTAF.
AIRPORT REMARKS: Attended 1300–0400Z‡. On call 24 hrs phone 307–733–4767. Hang gliding ops 9 miles south of arpt near ski area and 9 miles south–southwest of arpt along the ridge. Balloon ops invof arpt, west and southwest, May–Oct. Sage grouse on and invof arpt Apr–Oct. 35´–53´ trees 700´–800´ west of thld Rwy 01. Possible severe winter cond from Nov–Apr. No arpt info or snow removal guaranteed during hrs of non–attendance. 307–733–7682. Paved 950x200 feet safety area at the departure end of RWY 19. Not usable for performance calculations. Asphalt porous friction course, plowed and broomed during winter. Cold temperature airport. Altitude correction required at or below –21C. Deicing pad located at north end of Twy A. NS ABTMT procedures in effect for acft departures on Rwy 19. Ctc arpt management at 307–733–7682. All stage 2 acft, regardless of weight, prohibited. Acft that fail to touch down within the first third of Rwy 01–19 sometimes fail to stop on the rwy and are at risk for a rwy excursion. For public health and safety flts, ctc arpt manager at 307–733–7682.
AIRPORT MANAGER: (307) 733-7695
WEATHER DATA SOURCES: AWOS–3PT 120.625 (307) 739–9108. AWOS freq opr 0500–1300Z‡. SAWRS 1300–0500Z‡.
COMMUNICATIONS: CTAF 118.075 **ATIS** 120.625 **UNICOM** 122.95
RCO 122.05 (CASPER RADIO)
SALT LAKE CENTER APP/DEP CON 133.25
TOWER 118.075 (1400–0400Z‡) **GND CON** 124.55
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

CONTINUED ON NEXT PAGE

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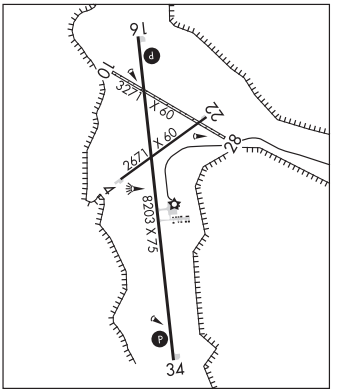
AIRSPACE: CLASS D svc 1400–0400Z‡; other times CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE JAC.
(L) VORW/DME 115.4 JAC Chan 101 N43º37.26´ W110º43.90´ at fld. 6452/13E.
VOR/DME unusable:
020º–035º byd 20 NM
035º–048º byd 11 NM
048º–070º byd 10 NM
048º–070º byd 5 NM blo 16,000´
070º–090º byd 20 NM
090º–110º byd 15 NM
110º–130º byd 20 NM
130º–135º byd 15 NM
135º–160º byd 20 NM
160º–180º byd 30 NM
205º–220º byd 20 NM blo 15,000´
220º–270º byd 10 NM
270º–280º byd 8 NM blo 15,000´
270º–335º byd 10 NM
335º–350º byd 15 NM
VOR unusable:
180º–205º byd 38 NM
ILS/DME 109.1 I–JAC Chan 28 Rwy 19. Class IE. LOC unusable byd 15º right of course.
COMM/NAV/WEATHER REMARKS: ATIS hrs 1300–0500Z‡.

JOHNSON CO (See BUFFALO on page 239)

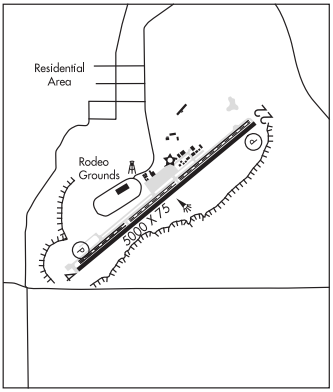
KEMMERER MUNI (EMM)(KEMM) 2 NW UTC–7(–6DT) N41º49.45´ W110º33.42´ **SALT LAKE CITY H–3E, L–11D IAP**
7289 B NOTAM FILE CPR
RWY 16–34: H8203X75 (ASPH) S–18 MIRL
RWY 16: REIL. PAPI(P2L)—GA 3.25º TCH 34´.
RWY 34: REIL. PAPI(P2L)—GA 3.25º TCH 61´.
RWY 10–28: 3271X60 (TURF–DIRT)
RWY 28: Fence.
RWY 04–22: H2671X60 (CONC) S–9 MIRL
RWY 22: Rgt tfc.



SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 16 and Rwy 34, PAPI Rwy 16 and Rwy 34, MIRL Rwy 04–22 and Rwy 16–34—CTAF. NSTD PCL, click 3 times only.
AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs via self svc credit card reader lctd inside pilot lounge east door. Cold temperature restricted airport, altitude correction at or blo –35C. Terrain drops off steeply 81´ prior to AER 04. Terrain drops off steeply 55´ prior to AER 10. Rwy 04–22 markings almost completely worn off. Segmented circle does not depict right hand traffic for Rwy 22. Pilot supplied ropes required.
AIRPORT MANAGER: (307) 727-7865
WEATHER DATA SOURCES: AWOS–3PT 119.675 (307) 877–9838.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ**SALT LAKE CENTER APP/DEP CON** 124.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
FORT BRIDGER (L) VORW/DME 108.6 FBR Chan 23 N41º22.71´ W110º25.44´ 333º 27.4 NM to fld. 7058/14E.

LANDER

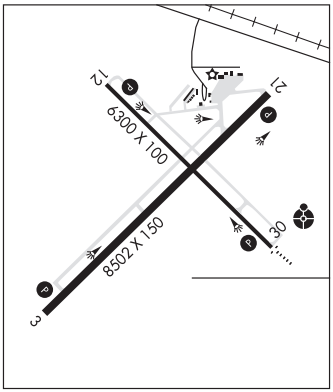
HUNT FLD (LND)(KLND) 1 S UTC–7(–6DT) N42°48.92´ W108°43.71´ **CHEYENNE**
5589 B NOTAM FILE LND **H–3E, L–11E**
RWY 04–22: H5000X75 (ASPH) S–30 PCN 37 F/D/X/T MIRL **IAP**
0.6% up SW
RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 41´. Tree.
RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 41´.
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 04 and Rwy 22; MIRL Rwy 04–22—CTAF. PAPI Rwy 04 and Rwy 22 opr continuously. Rwy 04 PAPI unusbl byd 2 NM.
AIRPORT REMARKS: Attended 1300–2300Z‡. For svs after hrs call 307–330–8668. Fuel avbl 24 hrs self serv credit card. Bird activity invof of arpt. Rgt tfc permissible on Rwy 22 departure during heavy winds to avoid the mountains due to severe downdrafts. +4´ reflectors along twy and rwy edges for winter plowing. Twy entrance lights. Powerplant rprs ltd to piston engines only. Rwy 22 twr 305´ abv apch end 14,728´ from rwy end 90´ rgt of cntrln.
AIRPORT MANAGER: 307-332-3134
WEATHER DATA SOURCES: ASOS 118.15 (307) 332–2633.
COMMUNICATIONS: CTAF/UNICOM 122.8
® **SALT LAKE CENTER APP/DEP CON** 133.25
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
BOYSEN RESERVOIR (H) VORW/DME 117.8 BOY Chan 125 N43°27.79´ W108°17.98´ 190° 43.2 NM to fld. 7550/16E.



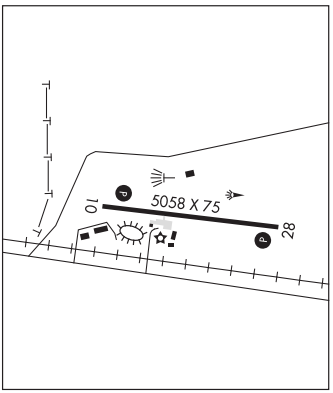
LARAMIE RGNL (LAR)(KLAR) 3 W UTC–7(–6DT) N41°18.72´ W105°40.50´ **CHEYENNE**
7284 B ARFF Index—See Remarks NOTAM FILE LAR **H–3F, 5A, L–12F**
RWY 03–21: H8502X150 (ASPH–GRVD) S–86, D–105, 2S–133, 2D–160 MIRL **IAP, AD**
RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 32´.
RWY 21: REIL. PAPI(P4L)—GA 3.0° TCH 53´.
RWY 12–30: H6300X100 (ASPH–GRVD) S–86, D–105, 2S–133, 2D–160 MIRL
RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 44´.
RWY 30: ODALS. PAPI(P4L)—GA 3.0° TCH 41´.
RUNWAY DECLARED DISTANCE INFORMATION

RWY 03:	TORA–8502	TODA–8502	ASDA–8502	LDA–8502
RWY 12:	TORA–6300	TODA–6300	ASDA–6300	LDA–6300
RWY 21:	TORA–8502	TODA–8502	ASDA–8502	LDA–8502
RWY 30:	TORA–6300	TODA–6300	ASDA–6300	LDA–6300

SERVICE: **FUEL** 100LL, JET A **OX** 2 **LGT** ACTIVATE ODALS Rwy 30, REIL Rwy 03, Rwy 12 and Rwy 21, PAPI Rwy 03, Rwy 12, Rwy 21 and Rwy 30 and MIRL Rwys 03–21 and 12–30—CTAF.
AIRPORT REMARKS: Attended 1200–0400Z‡. Afld sfc cond unmonitored 0500–1200Z‡. Class II, ARFF Index A. PPR for unscheduled acft ops with more than 30 pax seats, call arpt mgr 307–742–4164. Index B avbl upon req. PPR call arpt mgr 307–742–4164. Cold temperature restricted airport. Altitude correction required at or below –35C.
AIRPORT MANAGER: 307-742-4164
WEATHER DATA SOURCES: ASOS 135.475 (307) 742–6398.
COMMUNICATIONS: CTAF/UNICOM 123.05
SHERMAN HIL RCO 122.2 (CASPER RADIO)
RCO 122.6 (CASPER RADIO)
DENVER CENTER APP/DEP CON 125.9
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Denver ARTCC at 303-651-4257.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE LAR.
(L) VORW/DME 117.6 LAR Chan 123 N41°20.27´ W105°43.26´ 113° 2.6 NM to fld. 7300/14E.



LUSK MUNI (LSK)(KLSK) 3 E UTC–7(–6DT) N42º45.23´ W104º24.27´ **CHEYENNE**
4967 B NOTAM FILE CPR **H–5A, L–12F**
RWY 10–28: H5058X75 (ASPH) S–12.5 MIRL
RWY 10: PAPI(P2L)—GA 3.0º TCH 40´. Pole.
RWY 28: REIL. PAPI(P2L)—GA 3.0º TCH 40´.
SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 28; PAPI Rwy 10 and Rwy 28; MIRL Rwy 10–28—122.8.
AIRPORT REMARKS: Unattended. Fuel avbl via credit card reader.
AIRPORT MANAGER: 307-334-3622
WEATHER DATA SOURCES: AWOS–3PT 118.350 (307) 334–4028.
COMMUNICATIONS: CTAF/UNICOM 122.8
RCO 122.3 (CASPER RADIO)
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Denver ARTCC at 303-651-4257.
RADIO AIDS TO NAVIGATION: NOTAM FILE DGW.
HIPSHER (H) VORW/DME 115.75 IIP Chan 104(Y) N42º40.57´ W105º13.57´ 070º 36.6 NM to fld. 4906/12E.



MEDICINE BOW (8ØV) 2 SE UTC–7(–6DT) N41º53.04´ W106º10.97´ **CHEYENNE**
6658 NOTAM FILE CPR
RWY 10–28: 3170X80 (TURF–DIRT)
RWY 06–24: 2680X50 (TURF–DIRT)
AIRPORT REMARKS: Unattended. Wildlife invof all rwys. Rwy 06–24 is no longer maintained. Rwy 06–24, 9 to 12 inch berms both sides of rwy. Rwy 10–28 graded. Gopher holes on rwy sfcs, rwys very soft when wet. Rwy 10–28 1´ ditch south of rwy. Rwy 06–24 rough and uneven full length, numerous gopher and badger holes. Rwy 10–28 marked with yellow 3´ x 2´ cones. Thld markings skewed at angle to Rwy 06–24.
AIRPORT MANAGER: 307-379-2225
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.

MEDICINE BOW N41º50.73´ W106º00.26´ NOTAM FILE CPR. **CHEYENNE**
(L) VORW/DME 111.6 MBW Chan 53 272º 8.3 NM to Medicine Bow. 7000/14E. **H–3E, 5A, L–12F**
RCO 122.5 (CASPER RADIO)

MILEY MEM FLD (See BIG PINEY on page 239)

MONDELL FLD (See NEWCASTLE on page 253)

MUDDY MOUNTAIN N43º05.45´ W106º16.62´ NOTAM FILE CPR. **CHEYENNE**
(H) VORW/DME 116.2 DDY Chan 109 205º 13.8 NM to Casper/Natrona Co Intl. 5863/12E. **H–2G, 3E, 5A, L–11E, 12F**

NEWCASTLE

MONDELL FLD (ECS)(KECS) 5 NW UTC–7(–6DT) N43º53.06´ W104º18.87´ **CHEYENNE**
4178 B NOTAM FILE CPR **H–2H, L–12F**
IAP

RWY 14–32: H5310X75 (ASPH) S–30 PCN 13 F/C/W/U MIRL
RWY 14: REIL. PAPI(P2L)—GA 3.0º TCH 43´. Railroad. Rgt tfc.
RWY 32: ODALS. PAPI(P2L)—GA 3.0º TCH 45´.

SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT ODALS Rwy 32; REIL Rwy 14; PAPI Rwy 14 and Rwy 32; MIRL Rwy 14–32—CTAF.

AIRPORT REMARKS: Attended MON–SAT 1500–0000Z‡. UNATNDD major HOLS–call AFT HRS on these days. For attendant after HRS call 307–746–9732. For fuel AFT HRS phone 307–746–5805. Wildlife on or near the rwys. Migratory bird flt paths near arpt. Soft shoulders near edges of rwys, twys, and ramps.

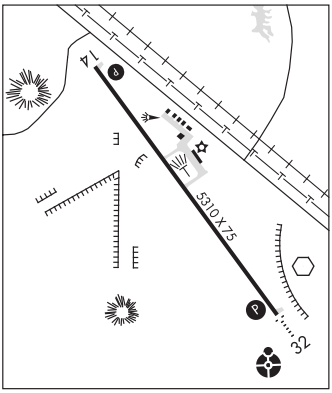
AIRPORT MANAGER: 307-746-4666

WEATHER DATA SOURCES: AWOS–3PT 118.0 (307) 746–4896.

COMMUNICATIONS: CTAF/UNICOM 122.8
NEWCASTLE RCO 122.5 (CASPER RADIO)
DENVER CENTER APP/DEP CON 127.95

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Denver ARTCC at 303-651-4257.

RADIO AIDS TO NAVIGATION: NOTAM FILE RAP.
RAPID CITY (H) VORTAC 112.3 RAP Chan 70 N43º58.56´ W103º00.74´ 252º 56.7 NM to fld. 3157/13E.
NEWCASTLE (L) VORW 108.2 ECS N43º52.87´ W104º18.47´ at fld. 4213/11E. NOTAM FILE CPR.
VOR unusable:
003º–023º byd 25 NM blo 10,500´
023º–043º byd 25 NM
043º–063º byd 25 NM blo 12,000´
063º–093º byd 30 NM blo 11,000´
093º–113º byd 30 NM blo 10,500´
328º–003º byd 25 NM blo 9,000´



NORTH BIG HORN CO (See COWLEY/LOVELL/BYRON on page 243)

NORTHEAST WYOMING RGNL (See GILLETTE on page 246)

PHIFER AIRFIELD (See WHEATLAND on page 259)

PINE BLUFFS MUNI (82V) 3 SW UTC–7(–6DT) N41º09.15´ W104º08.09´ **CHEYENNE**
5152 B NOTAM FILE CPR **H–5A, L–12F**

RWY 08–26: H5330X75 (ASPH) S–12.5 PCN 20 F/A/X/U MIRL
0.4% up W
RWY 08: REIL. PAPI(P2L)—GA 3.0º TCH 25´.
RWY 26: REIL. PAPI(P2L)—GA 3.0º TCH 25´.

SERVICE: **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 08–26, PAPI Rwys 08 and 26, REIL Rwys 08 and 26 and wind tee—122.8.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs a day with credit card self serve.

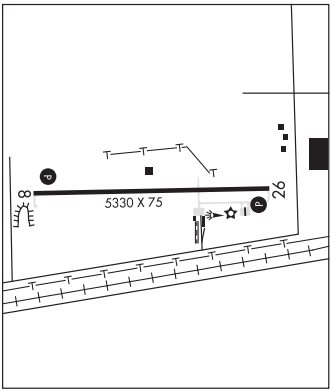
AIRPORT MANAGER: (970) 227-9286

WEATHER DATA SOURCES: AWOS–3PT 132.425 (307) 245–3613.

COMMUNICATIONS: CTAF/UNICOM 122.8

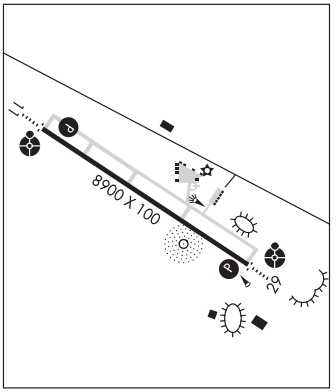
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.

RADIO AIDS TO NAVIGATION: NOTAM FILE CYS.
CHEYENNE (H) VORTACW 113.1 CYS Chan 78 N41º12.66´ W104º46.37´ 084º 29.1 NM to fld. 6211/13E.

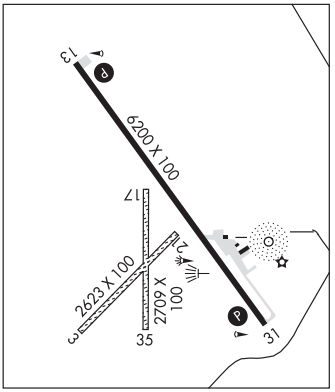


PINEDALE

RALPH WENZ FLD (PNA)(KPNA) 5 SE UTC–7(–6DT) N42º47.84´ W109º48.66´ **SALT LAKE CITY**
7096 B NOTAM FILE PNA **H–3E, L–11D**
RWY 11–29: H8900X100 (ASPH) S–45 MIRL 0.3% up W **IAP**
RWY 11: ODALS. REIL. PAPI(P4L)—GA 2.83º TCH 40´.
RWY 29: ODALS. REIL. PAPI(P4L)—GA 2.83º TCH 40´.
SERVICE: S4 **FUEL** 100LL, JET A **OX** 1 **LGT** ACTIVATE ODALS Rwy 11–29, REILs Rwy 11 and Rwy 29, PAPI Rwys 11 and Rwy 29, MIRL Rwy 11–29—122.8.
AIRPORT REMARKS: Attended May–Sep 1500–0100Z‡. Attended Oct–Apr, Mon–Fri 1600–0100Z‡. For svc after hrs call 307–413–7888 or 307–367–2290. No call out fee nml business hrs Sat–Sun. Fuel avbl 24 hrs by credit card. All helicopter tfc to come and go via the twy, flying over bldgs adjacent to ramp prohibited. Twy B, A1 and A5 50´ wide. Ldg fee.
AIRPORT MANAGER: 307-360-9025
WEATHER DATA SOURCES: AWOS–3 118.325 (307) 367–6425.
COMMUNICATIONS: CTAF/UNICOM 122.8
SALT LAKE CENTER APP/DEP CON 128.35
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE BPI.
BIG PINEY (H) VORW/DME 116.5 BPI Chan 112 N42º34.77´ W110º06.55´ 029º 18.6 NM to fld. 6952/16E.
WENZ NDB (MHW) 392 PNA N42º47.57´ W109º48.36´ at fld. 7076/13E. NOTAM FILE PNA.

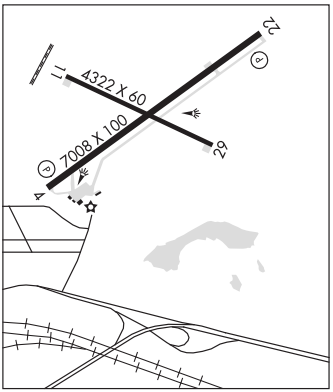


POWELL MUNI (POY)(KPOY) 7 N UTC–7(–6DT) N44º52.03´ W108º47.61´ **BILLINGS**
5096 B NOTAM FILE CPR **H–1E, L–13D**
RWY 13–31: H6200X100 (ASPH) S–15 MIRL 1.6% up SE **IAP**
RWY 13: PAPI(P2L)—GA 3.0º TCH 38´.
RWY 31: REIL. PAPI(P2L)—GA 3.0º TCH 36´. Fence.
RWY 17–35: 2709X100 (TURF–DIRT) 0.7% up S
RWY 35: Fence.
RWY 03–21: 2623X100 (TURF–DIRT) 0.7% up NE
RWY 03: Fence.
SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 13–31, REIL Rwy 31 and PAPI Rwy 13 and Rwy 31—122.7.
AIRPORT REMARKS: Attended Tues–Sat 1500–2300Z‡. For svc after hrs phone 619–518–1233. Fuel 24 hr credit card svc avbl. After hrs emerg ctc police department 307–754–2212.
AIRPORT MANAGER: 307-754-5234
WEATHER DATA SOURCES: AWOS–3 119.275 (307) 754–7093.
COMMUNICATIONS: CTAF/UNICOM 122.7
CODY RCO 122.3 (CASPER RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 127.75
RADIO AIDS TO NAVIGATION: NOTAM FILE COD.
CODY (L) VORW/DME 111.8 COD Chan 55 N44º37.23´ W108º57.90´ 012º 16.5 NM to fld. 4800/14E.
VOR unusable:
043º–113º byd 10 NM blo 9,500´
DME portion unusable:
043º–113º byd 10 NM blo 9,500´
113º–138º byd 22 NM blo 10,000´
138º–183º byd 32 NM blo 11,000´
183º–343º byd 30 NM blo 17,000´
NDB (MHW) 344 POY N44º52.01´ W108º47.18´ at fld. 5073/11E. NOTAM FILE CPR.



RALPH WENZ FLD (See PINEDALE on page 254)

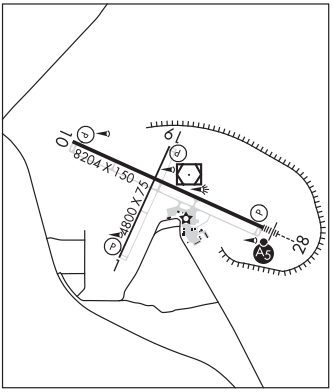
RAWLINS MUNI/HARVEY FLD (RWL)(KRWL) 2 NE UTC–7(–6DT) N41°48.34´ W107°12.02´ **CHEYENNE**
6817 B NOTAM FILE RWL **H–3E, L–11E**
RWY 04–22: H7008X100 (ASPH–PFC) S–30, D–60 MIRL **IAP**
1.0% up NE
RWY 04: PAPI(P4L)—GA 3.0° TCH 44´. Tank. Rgt tfc.
RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 44´.
RWY 11–29: H4322X60 (ASPH) S–12 MIRL 0.7% up W
RWY 29: REIL. Rgt tfc.



SERVICE: **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 22 and Rwy 29, MIRL Rwy 04–22 and Rwy 11–29—123.0. PAPI Rwy 04 and Rwy 22 opr continuously.
AIRPORT REMARKS: Attended Mon–Fri 1400–0200Z‡, Sat–Sun 1400–0000Z‡. For fuel after hrs call 307–321–6104 or 208–244–1860. A $70 fee will be charged to all commercial/corporate aircraft unless fuel is purchased. Birds invof all rwys. Req all acft departing Rwy 29 make rgt turnout as soon as safety permits after tkf to avoid housing area and for NS ABTMT. Rwy 11–29 ltd to acft up to 12,000 lbs GWT.
AIRPORT MANAGER: (307) 321-6104
WEATHER DATA SOURCES: ASOS 118.525 (307) 328–0031.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.2 (CASPER RADIO)
DENVER CENTER APP/DEP CON 132.1
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Denver ARTCC at 303-651-4257.
AIRSPACE: CLASS E svc 1300–0500Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
CHEROKEE (H) VORW/DME 115.0 CKW Chan 97 N41°45.34´ W107°34.92´ 065° 17.4 NM to fld. 7050/15E.

RIVERTON

CENTRAL WYOMING RGNL (RIW)(KRIW) 3 NW UTC–7(–6DT) N43°03.86´ W108°27.59´ **CHEYENNE**
5516 B Class I, ARFF Index A NOTAM FILE RIW MON Airport **H–3E, L–11E**
RWY 10–28: H8204X150 (ASPH–GRVD) S–85, D–110, 2S–140, **IAP, AD**
2D–165 HIRL
RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 49´. P–line. 1.1% down.
RWY 28: MALSR. PAPI(P4R)—GA 3.0° TCH 50´. 0.7% up.
RWY 01–19: H4800X75 (ASPH–GRVD) S–30, D–50 MIRL 0.4% up N
RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 43´. P–line.
RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 42´.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 01: TORA–4800 TODA–4800 ASDA–4800 LDA–4800
RWY 10: TORA–8204 TODA–8204 ASDA–8204 LDA–8204
RWY 19: TORA–4800 TODA–4800 ASDA–4800 LDA–4800
RWY 28: TORA–8204 TODA–8204 ASDA–8204 LDA–8204



SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTIVATE HIRL Rwy 10–28, MIRL Rwy 01–19, REIL Rwy 01, Rwy 19 and Rwy 10 and MALSR Rwy 28—CTAF. PAPI Rwy 01, Rwy 10, Rwy 19 and Rwy 28 opr 24 hrs.
AIRPORT REMARKS: Attended Mon–Fri 1400–0000Z‡. For svc after hrs call 307–856–3599. Conds not monitored at ngt aft the last acr arr til 0500L. See NOTAMS for the most up–to–date conds and updts. Multiple hot air balloons invof arpt dur July. PPR for unscheduled ops with more than 30 pax seats call arpt mgr 307–857–7780/307–856–7063. General aviation acft not authorized on west ramp.
AIRPORT MANAGER: (307) 857-7704
WEATHER DATA SOURCES: ASOS 121.425 (307) 856–4473.
COMMUNICATIONS: CTAF/UNICOM 122.8
RIVERTON RCO 122.2 (CASPER RADIO)
SALT LAKE CENTER APP/DEP CON 133.25
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE RIW.
RIVERTON (L) VORW/DME 114.05 RIW Chan 87(Y) N43°03.94´ W108°27.33´ at fld. 5458/10E.
ILS 110.5 I–RIW Rwy 28. Class IE. Status is not remotely Monitored.

ROCK SPRINGS

SOUTHWEST WYOMING RGNL (RKS)(KRKS) 7 E UTC–7(–6DT) N41°35.65´ W109°03.91´ **SALT LAKE CITY H–3E, L–11E IAP, AD**

6765 B ARFF Index—See Remarks NOTAM FILE RKS

RWY 09–27: H10000X150 (ASPH–GRVD) S–55, D–240, 2S–140, 2D–503 PCN 63 F/A/X/T HIRL

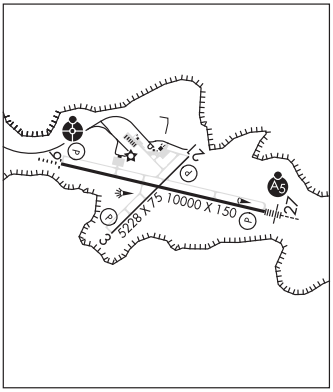
RWY 09: ODALS. PAPI(P4L)—GA 3.0° TCH 50´. 0.3% up.

RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 55´. 0.4% down.

RWY 03–21: H5228X75 (ASPH–PFC) S–59, D–88, 2D–159 PCN 27 F/A/X/T MIRL 0.3% up NE

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 30´.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 30´.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA–5228 TODA–5228 ASDA–5228 LDA–5228

RWY 09: TORA–10000 TODA–10000 ASDA–10000 LDA–10000

RWY 21: TORA–5228 TODA–5228 ASDA–5228 LDA–5228

RWY 27: TORA–10000 TODA–10000 ASDA–10000 LDA–10000

SERVICE: S2 **FUEL** 100LL, JET A1+ **OX** 3, 4 **LGT** ACTIVATE MALSR Rwy 27, ODALS Rwy 09, REIL Rwy 03 and Rwy 21, HIRL Rwy 09–27 and twy lgts—CTAF. PAPI Rwy 09, Rwy 27, Rwy 03 and Rwy 21 opr continuously.

AIRPORT REMARKS: Attended 1130–0500Z‡. PPR for air carrier ops with more than 30 pax seats 1130–0500Z‡, call arpt ops 307–352–6888. ARFF Index C avbl with 30 min notice: call arpt ops 307–352–6888.

AIRPORT MANAGER: 307-352-6880

WEATHER DATA SOURCES: ASOS 118.375 (307) 362–2541. SAWRS.

COMMUNICATIONS: CTAF/UNICOM 122.8

ROCK SPRING RCO 122.2 (CASPER RADIO)

Ⓡ **SALT LAKE CENTER APP/DEP CON** 124.35

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE RKS.

ROCK SPRINGS (H) VORW/DME 116.0 OCS Chan 107 N41°35.41´ W109°00.92´ 263° 2.3 NM to fld. 6785/13E.

VOR unusable:

186°–195° byd 25 NM blo 14,000´

DME unusable:

122°–127° byd 25 NM blo 12,000´

ILS/DME 109.3 I–RKS Chan 30 Rwy 27. Class 1E.

SARATOGA

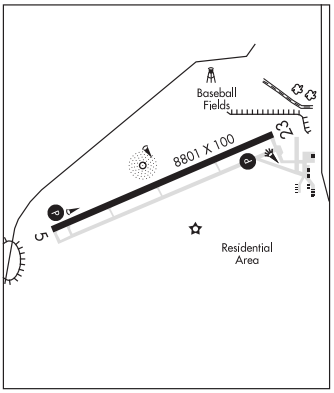
SHIVELY FLD (SAA)(KSAA) 1 SW UTC–7(–6DT) N41°26.61´ W106°49.65´ **CHEYENNE H–3E, L–9E, 11E IAP**

7014 B NOTAM FILE CPR

RWY 05–23: H8801X100 (ASPH–PFC) S–50 PCN 50 F/D/X/U MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 49´. 1.8% down.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 47´. 1.8% up.



SERVICE: **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 05 and Rwy 23; PAPI Rwy 05 and Rwy 23; MIRL Rwy 05–23—CTAF.

AIRPORT REMARKS: Attended Apr–Nov 1500–0000Z‡, Dec–Mar 1500–2300Z‡. Full svc fuel. Fee applied jet acft. After hrs call 307–326–8344. Antelope may be on rwy. Wind shear over highway approach end of Rwy 23. Ldg fee, $100 for turbo jet and $75 for turbo prop acft.

AIRPORT MANAGER: 307-326-8344

WEATHER DATA SOURCES: AWOS–3PT 118.175 (307) 326–5387.

COMMUNICATIONS: CTAF/UNICOM 122.8

DENVER CENTER APP/DEP CON 132.1

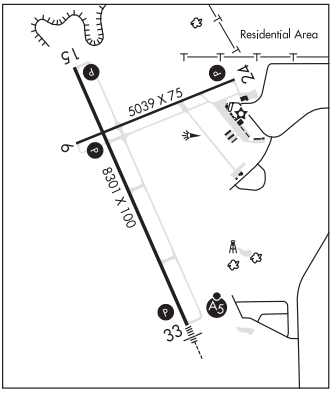
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.

RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.

CHEROKEE (H) VORW/DME 115.0 CKW Chan 97 N41°45.34´ W107°34.92´ 104° 38.8 NM to fld. 7050/15E.

SARATOGA NDB (MHW) 266 SAA N41°26.70´ W106°49.93´ at fld. 6925/12E.

SHERIDAN CO (SHR)(KSHR) 2 SW UTC–7(–6DT) N44°46.15´ W106°58.82´ **BILLINGS**
4021 B TPA—See Remarks Class I, ARFF Index A NOTAM FILE SHR MON Airport **H–1E, 2G, L–13D**
RWY 15–33: H8301X100 (ASPH–PFC) S–60, D–75, 2S–95 **IAP, AD**
PCN 22 F/B/X/U HIRL
RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 50´. 0.5% down.
RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 53´. 0.4% up.
RWY 06–24: H5039X75 (ASPH–GRVD) S–36, D–50 PCN 11 F/B/X/U
MIRL 1.6% up SW
RWY 06: REIL. PAPI(P4R)—GA 4.0° TCH 57´.
RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 39´. Trees.



RUNWAY DECLARED DISTANCE INFORMATION
RWY 06: TORA–5039 TODA–5039 ASDA–5039 LDA–5039
RWY 15: TORA–8301 TODA–8301 ASDA–8301 LDA–8301
RWY 24: TORA–5039 TODA–5039 ASDA–5039 LDA–5039
RWY 33: TORA–8301 TODA–8301 ASDA–8301 LDA–8301
SERVICE: S4 **FUEL** 100, JET A, A1+ **OX** 1, 2, 3 **LGT** ACTIVATE MALSR Rwy 33, REIL Rwy 06, Rwy 24 and Rwy 15, PAPI Rwy 06, Rwy 24, Rwy 15 and Rwy 33, HIRL Rwy 15–33, and MIRL Rwy 06–24—CTAF.
AIRPORT REMARKS: Attended dalgt hrs. Conds not monitored at ngt aft the last acr arr til 0500L. See NOTAMS for the most up–to–date conds and updts. Cold temperature airport. Altitude correction required at or below –19C. PPR unscheduled acft ops with more than 30 passenger seats ctc ARFF station 307–673–1875. Fixed wing acft rstd to rwys and twys only. TPA—4821(800) for single engine, and 5521(1500) for turboprop and jet.
AIRPORT MANAGER: 307-674-4222
WEATHER DATA SOURCES: ASOS 135.175 (307) 672–5349. SAWRS 1100–0600Z‡.
COMMUNICATIONS: CTAF/UNICOM 123.0
RCO 122.5 (CASPER RADIO)
SALT LAKE CENTER APP/DEP CON 127.75
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E.
RADIO AIDS TO NAVIGATION: NOTAM FILE SHR.
(L) VORW/DME 115.3 SHR Chan 100 N44°50.54´ W107°03.67´ 132° 5.6 NM to fld. 4397/10E.
VOR/DME unusable:
163°–270° byd 25 NM
ILS/DME 108.7 I–SHR Chan 24 Rwy 33. DME unusable byd 15° left of course.

SHIVELY FLD (See SARATOGA on page 256)

SHOSHONI MUNI (49U) 1 N UTC–7(–6DT) N43°15.06´ W108°07.32´ **CHEYENNE**
4818 NOTAM FILE CPR
RWY 08–26: 4650X90 (DIRT) 0.4% up E
RWY 08: P–line.
RWY 11–29: 2950X75 (DIRT) 1.0% up E
RWY 11: Fence.
AIRPORT REMARKS: Unattended. Antelope on arpt. Arpt has uncontrolled vehicle access. Segmented circle is NSTD with alternating 4 white tires and 4 yellow tires, no spacing between sets. Rwy 08–26 no line of sight between rwy ends. Rwy 08–26 and Rwy 11–29 numerous rocks on rwy surface, rwy soft when wet. Rwy 08–26 and Rwy 11–29 thlds not marked.
AIRPORT MANAGER: 307-876-2515
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.

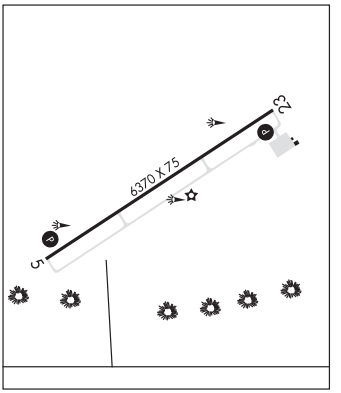
SOUTH BIG HORN CO (See GREYBULL on page 247)

SOUTH PASS FWZ N42°30.80´ W108°46.63´/8490 **CHEYENNE**
AWOS–3PT 118.350 (307) 709–2644 **H–3E, L–11E**

SOUTHWEST WYOMING RGNL (See ROCK SPRINGS on page 256)

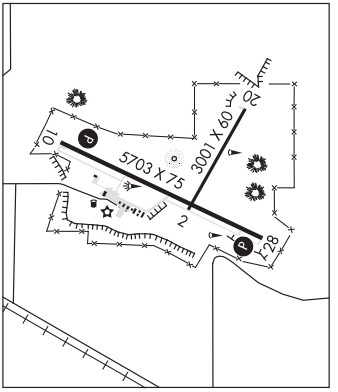
THERMOPOLIS

HOT SPRINGS CO (HSG)(KHSG) 10 NW UTC–7(–6DT) N43º42.82´ W108º23.38´ **CHEYENNE**
4892 B NOTAM FILE CPR **H–3E, L–11E**
RWY 05–23: H6370X75 (ASPH) S–30, D–45 PCN 29 F/A/X/T MIRL **IAP**
0.3% up NE
RWY 05: REIL. PAPI(P2L)—GA 2.75º TCH 39´. Rgt tfc.
RWY 23: REIL. PAPI(P2L)—GA 2.75º TCH 39´.
SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE REIL Rwy 5 and Rwy 23, PAPI Rwy 05 and Rwy 23; MIRL Rwy 05–23—CTAF. PAPI Rwy 05 and Rwy 23 on continuously daylight hrs.
AIRPORT REMARKS: Attended 1400–2300Z‡ Mon–Fri. For svc after hrs phone 307–921–8579. Fuel avbl with self–serve credit card. Full svc avbl upon req. No call out fee for svc after hrs. Birds and wildlife on and invof arpt. Cold temperature restricted airport. Altitude correction required at or below –36C.
AIRPORT MANAGER: (307) 867-2027
WEATHER DATA SOURCES: AWOS–3PT 121.125 (307) 867–2033.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **SALT LAKE CENTER APP/DEP CON** 133.25
CLEARANCE DELIVERY PHONE: For CD ctc Salt Lake ARTCC at 801-320-2568.
RADIO AIDS TO NAVIGATION: NOTAM FILE CPR.
BOYSEN RESERVOIR (H) VORW/DME 117.8 BOY Chan 125
N43º27.79´ W108º17.98´ 329º 15.5 NM to fld. 7550/16E.



THOMAS MEM (See GLENDO on page 247)

TORRINGTON MUNI (TOR)(KTOR) 2 E UTC–7(–6DT) N42º03.87´ W104º09.16´ **CHEYENNE**
4207 B NOTAM FILE TOR **H–5A, L–12F**
RWY 10–28: H5703X75 (ASPH) S–33, D–45 MIRL **IAP**
RWY 10: PAPI(P2L)—GA 3.0º TCH 40´.
RWY 28: REIL. PAPI(P2L)—GA 3.0º TCH 40´. Hill.
RWY 02–20: H3001X60 (ASPH)
RWY 02: Ground. Rgt tfc.
SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE REIL Rwy 28, PAPI Rwy 10 and Rwy 28 and MIRL Rwy 10–28—122.8. MIRL will only activate if bcn is opr dur dark or overcast periods.
AIRPORT REMARKS: Attended 1500–0000Z‡, exc natl hol. For fuel after hrs call 719–963–3669 or 308–672–1000. Deer and waterfowl on and invof arpt. Rwy 02, 7´ drop off 60´ left and rgt of cntrln at thld, Rwy 10, 7´ drop 100´ from thld and 75´ rgt. Reflectors along parallel twys only, others lgtd.
AIRPORT MANAGER: 307-532-8551
WEATHER DATA SOURCES: ASOS 118.375 (307) 532–8958.
COMMUNICATIONS: CTAF/UNICOM 122.8
Ⓡ **DENVER CENTER APP/DEP CON** 127.95
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.
RADIO AIDS TO NAVIGATION: NOTAM FILE BFF.
SCOTTSBLUFF (H) VORTAC 112.6 BFF Chan 73 N41º53.65´
W103º28.92´ 276º 31.7 NM to fld. 4169/13E.
TACAN AZIMUTH & DME unusable:
025º–060º 25 NM blo 6,300´
310º–025º 25 NM blo 6,500´
NDB (MHW) 293 TOR N42º03.95´ W104º09.20´ at fld. 4200/11E. NOTAM FILE TOR.

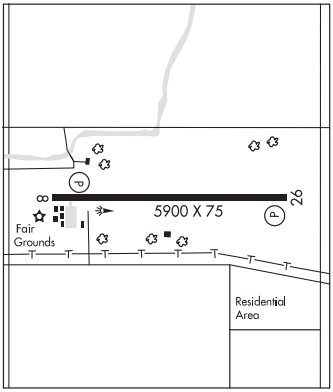


UPTON MUNI (83V) 1 SW UTC–7(–6DT) N44º05.43´ W104º38.45´ **CHEYENNE**
4290 B NOTAM FILE CPR
RWY 13–31: 3710X80 (GRVL–DIRT) MIRL
RWY 13: SAVASI(S2L)—GA 3.0º TCH 25´.
RWY 31: SAVASI(S2L)—GA 3.0º TCH 25´. Fence.
AIRPORT REMARKS: Unattended. For arpt attendant call 307–746–8411. Wildlife on and invof arpt. Radio ctld airplane activity within rwy environment. Ctc arpt mgr for rwy cond prior to winter ops phone 307–746–8411. No regular snow removal. Hangars within transitional sfc. Rwy 13–31 marginal line of sight from rwy ends. +3´ berms along rwy edges. Non–working +3´ lgts on non–frangible bases at rwy edges OTS indef. All arpt lgtg OTS indef. Rwy 13 and Rwy 31 VASI OTS indef.
AIRPORT MANAGER: (307) 746-8411
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Denver ARTCC at 303-651-4257.

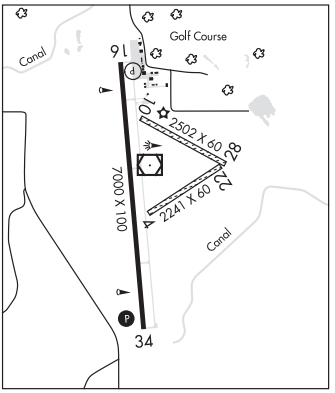
WENZ N42º47.57´ W109º48.36´ NOTAM FILE PNA. **SALT LAKE CITY**
NDB (MHW) 392 PNA at Ralph Wenz Fld. 7076/13E. **L–11D**

WHEATLAND

PHIFER AIRFIELD (EAN)(KEAN) 1 E UTC–7(–6DT) N42º03.33´ W104º55.70´ **CHEYENNE**
4779 B NOTAM FILE CPR **H–3F, 5A, L–12F**
RWY 08–26: H5900X75 (ASPH) S–15 MIRL **IAP**
RWY 08: PAPI(P2L)—GA 3.0º TCH 42´. Tree.
RWY 26: REIL. PAPI(P2L)—GA 3.0º TCH 42´.
SERVICE: **LGT** ACTVT REIL RWY 26; MIRL RWY 08–26—CTAF. PAPI RWY 08 & RWY 26 OPR CONSLY.
AIRPORT REMARKS: Unattended.
AIRPORT MANAGER: 307-322-2962
WEATHER DATA SOURCES: AWOS–3PT 121.125 (307) 322–1557.
COMMUNICATIONS: CTAF 122.9
WHEATLAND RCO 122.2 (CASPER RADIO)
Ⓡ**DENVER CENTER APP/DEP CON** 135.6
RADIO AIDS TO NAVIGATION: NOTAM FILE DGW.
HIPSHER (H) VORW/DME 115.75 IIP Chan 104(Y) N42º40.57´ W105º13.57´ 148º 39.5 NM to fld. 4906/12E.



WORLAND MUNI (WRL)(KWRL) 3 S UTC–7(–6DT) N43°57.77´ W107°57.03´ **CHEYENNE**
4252 B NOTAM FILE WRL **H–1E, L–11E**
RWY 16–34: H7000X100 (ASPH–PFC) S–50, D–70 PCN 18 F/C/X/T **IAP, AD**
MIRL 1.1% up S
RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 41´.
RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 40´.
RWY 10–28: 2502X60 (TURF) 1.6% up SE
RWY 04–22: 2241X60 (TURF) 0.5% up NE
RUNWAY DECLARED DISTANCE INFORMATION
RWY 04: TORA–2241 TODA–2241 ASDA–2241 LDA–2241
RWY 10: TORA–2501 TODA–2501 ASDA–2501 LDA–2501
RWY 16: TORA–7000 TODA–7000 ASDA–7000 LDA–7000
RWY 22: TORA–2241 TODA–2241 ASDA–2241 LDA–2241
RWY 28: TORA–2501 TODA–2501 ASDA–2501 LDA–2501
RWY 34: TORA–7000 TODA–7000 ASDA–7000 LDA–7000
SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 16–34, REIL Rwy 16 and Rwy 34 and PAPI Rwy 34—CTAF. PAPI Rwy 16 opr continuously.
AIRPORT REMARKS: Attended 1300–2330Z‡. Rwy 04–22 and Rwy 10–28 CLOSED Oct 30–Mar 30 yearly. Wind permitting land Rwy 16. Cold temperature restricted arpt, altitude correction at or blo –33°C.
AIRPORT MANAGER: 307-347-8977
WEATHER DATA SOURCES: ASOS 135.475 (307) 347–4217.
COMMUNICATIONS: CTAF/UNICOM 123.05
RCO 122.4 (CASPER RADIO)
Ⓡ**SALT LAKE CENTER APP/DEP CON** 133.25
CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Salt Lake ARTCC at 801-320-2568.
AIRSPACE: CLASS E svc 1330–0530Z‡; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE WRL.
(L) VORW/DME 114.8 RLY Chan 95 N43°57.85´ W107°57.05´ at fld. 4204/13E.



YELLOWSTONE RGNL (See CODY on page 242)

The purpose of this bulletin is to provide major changes in aeronautical information that have occurred since the last publication date of each Sectional Aeronautical, VFR Terminal Area, and Helicopter Route Chart listed. The general policy is to include only those changes to controlled airspace and special use airspace that present a hazardous condition or impose a restriction on the pilot, and major changes to airports and radio navigational facilities, thereby providing the VFR pilot with the essential data necessary to update and maintain chart currency. The data is grouped by type and then by effective date. When a new edition of the Aeronautical Chart is published, the corrective tabulation will be removed from this bulletin. Inasmuch as this Bulletin provides major changes only, pilots should consult the airport listing in this directory for all new information. Users of Caribbean Charts and U.S. Gulf Coast VFR Aeronautical Charts should consult the appropriate Sectional and VFR Terminal Area Charts for revisions. Positions are shown as degrees, minutes, seconds and hemisphere. Data is current as of 34 days prior to the date of this publication.

Military Training Routes (MTRs) are shown on Sectional Aeronautical Charts, VFR Terminal Area, and Helicopter Route Charts. Only the route centerline, direction of flight and the route designator are shown — route widths and altitudes are not shown. Since these routes are subject to change every 56 days and the charts are reissued generally every 6 months, routes with a change in the alignment of the charted route centerline will be listed in this Aeronautical Chart Bulletin below. Pilots are advised to go to the Special Use Airspace website (www.sua.faa.gov) or contact Flight Service to obtain information on MTRs affecting their flight.

BILLINGS SECTIONAL
100th Edition, 10 Sep 2020

OBSTRUCTIONS
10 Sep 2020 No Major Changes.
5 Nov 2020 Add obst 3043´MSL (258´AGL), 46º40´27″N, 103º11´29″W.
Add wind turbine 5048´MSL (498´AGL), 45º06´59″N, 108º41´46″W.
Add wind turbine 5101´MSL (443´AGL), 45º07´57″N, 108º40´50″W.
Add obst 2052´MSL (404´AGL), 48º56´16″N, 101º38´27″W.
Add obst 2475´MSL (258´AGL), 47º26´34″N, 102º21´00″W.

AIRPORTS
10 Sep 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs
10 Sep 2020 – 5 Nov 2020 No Major Changes.

AIRSPACE
10 Sep 2020 No Major Changes.
5 Nov 2020 Add KILLDEER, ND Class E: That airspace extending upward from 700 feet above the surface within a 6.4-mile radius of Dunn County Weydahl Field, and within 1.1 miles each side of the 293º bearing from the airport extending from the 6.4-mile radius to 7.9 miles west of the airport.
Add NEW TOWN, ND Class E: That airspace extending upward from 700 feet above the surface within a 6.5-mile radius of the airport.

SPECIAL USE AIRSPACE
10 Sep 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
10 Sep 2020 – 5 Nov 2020 No Major Changes.

MISCELLANEOUS
10 Sep 2020 – 5 Nov 2020 No Major Changes.

CHEYENNE SECTIONAL
102nd Edition, 16 Jul 2020

OBSTRUCTIONS
16 Jul 2020 No Major Changes.
10 Sep 2020 Add obst 3740´MSL (409´AGL), 43º11´06″N, 103º04´09″W.
Add obst 7080´MSL (270´AGL)UC, 42º00´59″N, 106º06´08″W.
Add obst 7540´MSL (493´AGL)UC, 42º14´42″N, 106º09´34″W.
5 Nov 2020 Add wind turbine 5938´MSL (499´ AGL), 43º05´47″N, 105º29´07″W.
Add wind turbine 5759´MSL (453´AGL), 42º59´18″N, 105º25´10″W.
Add obst 4247´MSL (202´AGL), 42º13´44″N, 102º14´33″W.
Add wind turbine 5798´MSL (499´AGL), 42º57´26″N, 105º22´32″W.
Add wind turbine 5767´MSL (499´AGL), 42º56´55″N, 105º19´46″W.
Change wind turbine farm highest MSL from 7444´MSL to 7540´MSL UC, 42º14´42″N, 106º09´34″W.
Add wind turbine 5830´MSL (499´AGL), 42º56´16″N, 105º19´08″W.

AIRPORTS
16 Jul 2020 – 10 Sep 2020 No Major Changes.
5 Nov 2020 Delete NORTHEAST WYOMING RGNL (formerly GILETTE-CAMPBELL CO) ATCT freq 118.5, 44º20´56″N, 105º32´22″W.
Add NORTHERN COLORADO RGNL ATCT freq 118.4, 40º27´07″N, 105º00´41″W.
Change CTAF 122.7 to 118.4 at NORTHERN COLORADO RGNL arpt, 40º27´07″N, 105º00´41″W.

NAVAIDs
16 Jul 2020 – 10 Sep 2020 No Major Changes.
5 Nov 2020 Change RIVERTON VOR-DME freq from 108.8 to 114.05 and Ch 25 to Ch 87, 43º03´57″N, 108º27´20″W.

AIRSPACE
16 Jul 2020 – 5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
16 Jul 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
16 Jul 2020 – 5 Nov 2020 No Major Changes.

MISCELLANEOUS
16 Jul 2020 – 10 Sep 2020 No Major Changes.
5 Nov 2020 Change MEF 6^0 to 6^1 in quadrant 43º00´- 43º30´N, 105º00´- 105º30´W.

GREAT FALLS SECTIONAL
99th Edition, 18 Jun 2020

OBSTRUCTIONS
16 Jul 2020 Add obst 2126´MSL (297´AGL), 46º22´50″N, 116º48´24″W.
10 Sep 2020 Add obst 4945´MSL (262´AGL), 45º06´19″N, 108º39´05″W.
Add obst 5010´MSL (262´AGL), 45º09´05″N, 108º40´50″W.
Add obst 4979´MSL (262´AGL), 45º12´58″N, 108º43´23″W.
5 Nov 2020 Add obst 5048´MSL (498´AGL), 45º06´59″N, 108º41´46″W.
Add obst 5101´MSL (443´AGL), 45º07´57″N, 108º40´50″W.

AIRPORTS
16 Jul 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs
16 Jul 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs

AIRSPACE
16 Jul 2020 Add HARLOWTON, MT Class E: That airspace extending upward from 700 feet above the surface within a 7.4-mile radius of the airport, and within 2.0 miles each side of the 279º bearing from the airport, extending from the 7.4-mile radius to 9.3 miles west of the airport; and that airspace extending upward from 1,200 feet above the surface within a 20-mile radius of the Wheatland County at Harlowton Airport.
10 Sep 2020 Revise DILLON, MT Class E: That airspace extending upward from the surface within a 5.2-mile radius of the airport, and within 2.4 miles each side of the 026º bearing from the airport, extending from the 5.2-mile radius to 6.8 miles northeast of Dillon Airport.
Revise DILLON, MT Class E: That airspace extending upward from 700 feet above the surface within a 5.2-mile radius of the airport, and within 3 miles each side of the 205º bearing from the airport, extending from the 5.2-mile radius to 9.9 miles southwest of the airport, and that airspace within 8 miles west and 4 miles east of the 005º bearing from the airport, extending from the 5.2-mile radius to 16 miles north of the airport; and that airspace extending upward from 1,200 feet above the surface within a 25-mile radius of Dillon Airport.
5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
16 Jul 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
16 Jul 2020 – 5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE

MISCELLANEOUS
16 Jul 2020 – 5 Nov 2020 No Major Changes.

KLAMATH FALLS SECTIONAL
103rd Edition, 10 Sep 2020

OBSTRUCTIONS
10 Sep 2020 No Major Changes.
5 Nov 2020 Add obst 4346´MSL (201´AGL), 44º27´28″N, 118º12´28″W.

AIRPORTS
10 Sep 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs
10 Sep 2020 – 5 Nov 2020 No Major Changes.

AIRSPACE
10 Sep 2020 – 5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
10 Sep 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
10 Sep 2020 – 5 Nov 2020 No Major Changes.

MISCELLANEOUS
10 Sep 2020 – 5 Nov 2020 No Major Changes.

SALT LAKE CITY SECTIONAL
104th Edition, 10 Sep 2020

OBSTRUCTIONS
10 Sept 2020 – 5 Nov 2020 No Major Changes.

AIRPORTS
10 Sept 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs
10 Sept 2020 – 5 Nov 2020 No Major Changes.

AIRSPACE
10 Sept 2020 No Major Changes.
5 Nov 2020 Revise MOUNTAIN HOME AFB, ID Class D: That airspace extending upward from the surface to and including 5,500 feet MSL within a 5-mile radius of Mountain Home AFB. This Class D airspace area is effective during the specific dates and times established in advance by a Notice to Airmen. The effective date and time will thereafter be continuously published in the Chart Supplement.
Revise MOUNTAIN HOME AFB, ID Class E: That airspace extending upward from 700 feet above the surface within a 7.2 mile radius of Mountain Home AFB; and that airspace extending upward from 1,200 feet above the surface within a 30-mile radius of Mountain Home AFB.

SPECIAL USE AIRSPACE
10 Sept 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
10 Sept 2020 – 5 Nov 2020 No Major Changes.

MISCELLANEOUS
10 Sept 2020 – 5 Nov 2020 No Major Changes.

SALT LAKE CITY TERMINAL AREA CHART
63rd Edition, 10 Sep 2020

OBSTRUCTIONS
10 Sep 2020 –5 Nov 2020 No Major Changes.

AIRPORTS
10 Sep 2020 – 5 Nov 2020 No Major Changes.

NAVAIDs
10 Sept 2020 – 5 Nov 2020 No Major Changes.

AIRSPACE
10 Sept 2020 – 5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
10 Sept 2020 – 5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
10 Sept 2020 – 5 Nov 2020 No Major Changes.

MISCELLANEOUS
10 Sept 2020 – 5 Nov 2020 No Major Changes.

SEATTLE SECTIONAL
100th Edition, 5 Nov 2020

OBSTRUCTIONS
5 Nov 2020 No Major Changes.

AIRPORTS
5 Nov 2020 No Major Changes.

NAVAIDs
5 Nov 2020 No Major Changes.

AIRSPACE
5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTE
5 Nov 2020 No Major Changes.

MISCELLANEOUS
5 Nov 2020 No Major Changes.

SEATTLE TERMINAL AREA CHART
95th Edition, 5 Nov 2020

OBSTRUCTIONS
5 Nov 2020 No Major Changes.

AIRPORTS
5 Nov 2020 No Major Changes.

NAVAIDs
5 Nov 2020 No Major Changes.

AIRSPACE
5 Nov 2020 No Major Changes.

SPECIAL USE AIRSPACE
5 Nov 2020 No Major Changes.

MILITARY TRAINING ROUTES
5 Nov 2020 No Major Changes.

MISCELLANEOUS
5 Nov 2020 No Major Changes.

SEATTLE APPROACH CONTROL (S46) CONCURRENT OPERATIONS TO BOEING FIELD (BFI) AND SEATTLE-TACOMA INTERNATIONAL AIRPORT (SEA)

The purpose of this Notice is to inform pilots landing/departing from either Boeing Field / King County International Airport (BFI) or Seattle-Tacoma International Airport (SEA) under instrument flight rules (IFR) concerning the special use of visual separation to maintain efficiency at both airports.

Sequencing aircraft simultaneously to BFI and SEA under IFR requires lateral and/or vertical separation between aircraft while ensuring protected airspace for potential missed approaches. These requirements directly affect the capacity of both airports.

BFI field elevation is 21 feet MSL and SEA field elevation is 433 feet MSL. BFI is located 4.5 nautical miles north of SEA. The convergence and divergence of flight paths has made it possible to utilize visual separation under certain weather conditions, which reduces the spacing normally provided to aircraft landing and departing SEA and BFI. In a south flow, the ILS approach to BFI Runway 14R/L converges with the ILS approaches to SEA Runways 16R/C/L directly over BFI. In a north flow, the departure paths for aircraft departing north at both airports diverge directly over the north end of BFI Runway 32L.

INFORMATION:

When weather/operational conditions permit, BFI Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 14R/L and SEA arrivals Runways 16L/C/R

IFR departures from BFI Runways 32L/R and IFR departures from SEA Runways 34L/C/R

When weather/operational conditions permit, SEA Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 32L/R and IFR departures from SEA Runways 34L/C/R

These procedures have proven to provide an equivalent level of safety compared to standard visual separation rules. The special use of visual separation procedures enables both airports to operate at or near capacity during periods of heavy demand.

If you have any questions or concerns, please contact the manager or designee of one of the facilities listed below during normal business hours.

Seattle Terminal Radar Approach Control : (206) 214-4600

Seattle Airport Traffic Control Tower: (206) 214-2500

Boeing Field Airport Traffic Control Tower: (206) 685-6400

VFR ADVISORY AREA
Canadian Airspace
VICTORIA–VANCOUVER
(Effective: Until Further Notice)

Effective 0901 UTC August 6, 1994, a VFR Advisory Area was permanently established between the two Canadian control zones, from above 1,200 MSL up to 2,500 MSL. Vancouver and Victoria Towers provide radar traffic information to all participating aircraft within the VFR Advisory Area.

PROCEDURES

Victoria/Vancouver

*All aircraft operating between Victoria and Vancouver within the VFR Advisory Area should follow the routes shown on the graphic.

***Northbound:** Change from Victoria Tower, 119.1, to Vancouver Tower, 124.0, when instructed by ATC.

***Southbound:** Change from Vancouver Tower, 124.0, to Victoria Tower, 119.1, when instructed by ATC.

*Set transponder codes as requested.

TRANSITING TRAFFIC

*Call Vancouver Tower on 124.0 when north of the Active Pass/Samuel Island Line.

*Call Victoria Tower on 119.1 when south of the Active Pass/Samuel Island Line.

*Set Transponder codes as requested.

Routes and recommended altitudes will not be usable by all aircraft at all times because of weather and regulations pertaining to flight over water. Higher altitudes may be requested. If unable to maintain VFR, advice ATC.

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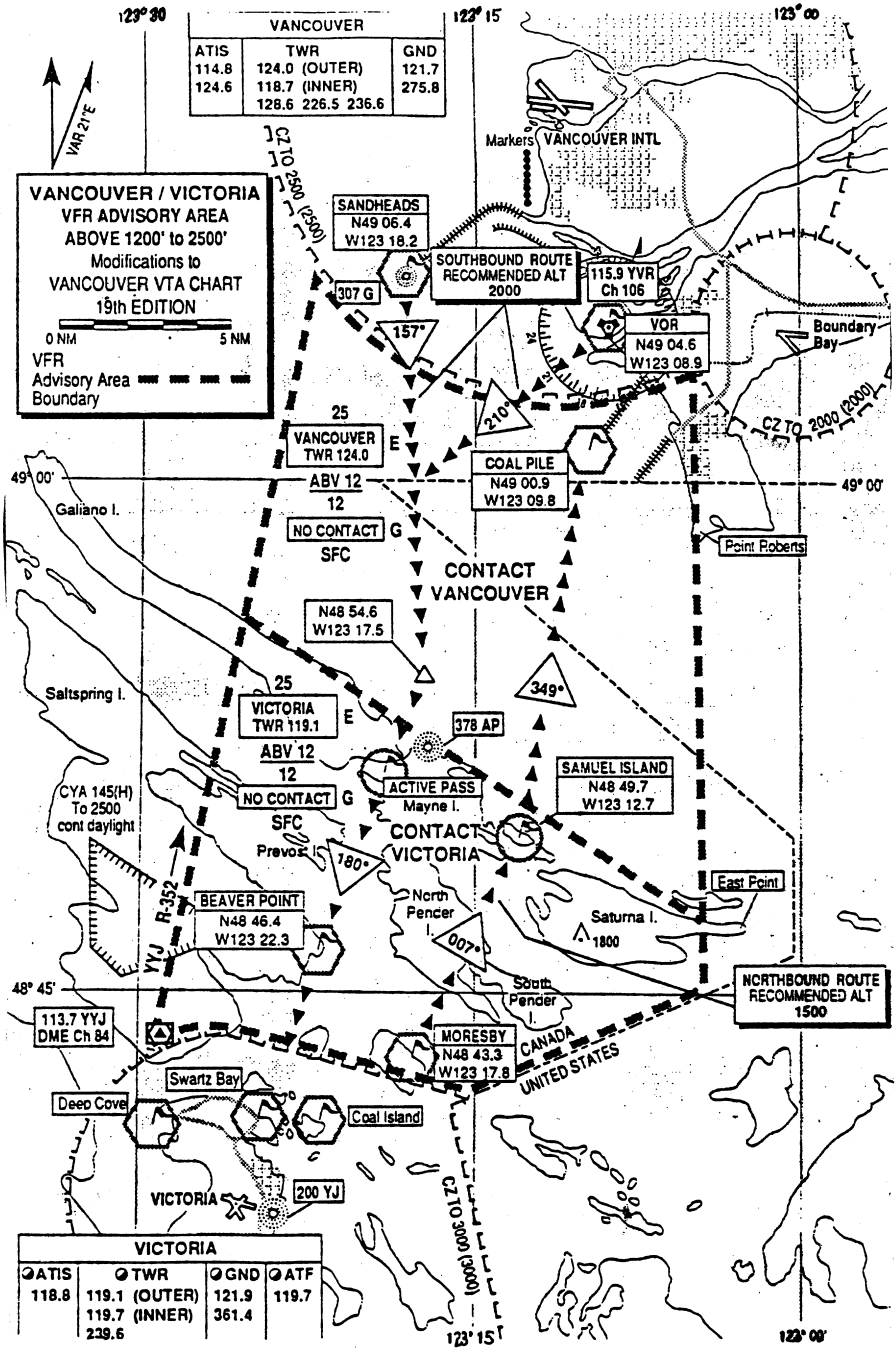
VANCOUVER
ATIS 114.8 124.6
TWR 124.0 (OUTER) 118.7 (INNER) 128.6 226.5 236.6
GND 121.7 275.8
VAR 21°E
VANCOUVER / VICTORIA
VFR ADVISORY AREA
ABOVE 1200' to 2500'
Modifications to
VANCOUVER VTA CHART
19th EDITION
0 NM 5 NM
VFR
Advisory Area
Boundary
123° 30'
123° 15'
123° 00'
Markers
VANCOUVER INTL
CZ TO 2500 (2500)
SANDHEADS
N49 06.4
W123 18.2
SOUTHBOUND ROUTE
RECOMMENDED ALT
2000
307 G
157°
115.9 YVR
Ch 106
VOR
N49 04.6
W123 08.9
Boundary Bay
210°
25
VANCOUVER
TWR 124.0
E
COAL PILE
N49 00.9
W123 09.8
CZ TO 2000 (2000)
49° 00'
ABV 12
12
NO CONTACT
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CONTACT
VANCOUVER
N48 54.6
W123 17.5
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SAMUEL ISLAND
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cont daylight
NO CONTACT
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ACTIVE PASS
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BEAVER POINT
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North
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48° 45'
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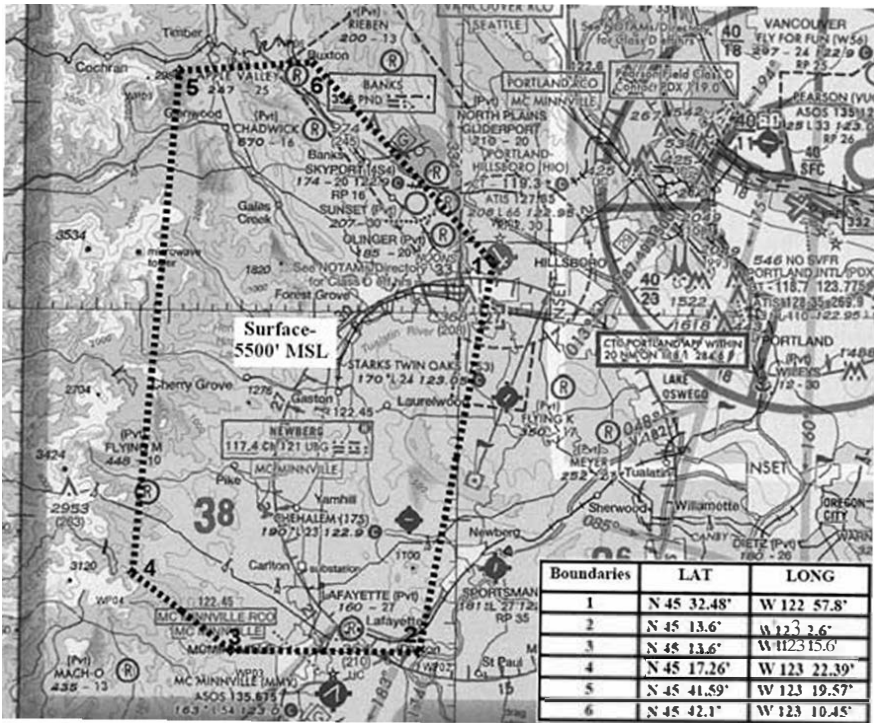
NORTHBOUND ROUTE
RECOMMENDED ALT
1500
113.7 YYJ
DME Ch 84
MORESBY
N48 43.3
W123 17.8
CANADA
UNITED STATES
Swartz Bay
Deep Cove
Coal Island
VICTORIA
200 YJ
CZ TO 3000 (3000)
VICTORIA
ATIS 118.8
TWR 119.1 (OUTER) 119.7 (INNER) 239.6
GND 121.9 361.4
ATF 119.7

INTENSIVE FLIGHT TRAINING IN VICINITY OF PORTLAND-HILLSBORO AIRPORT, HILLSBORO, OR

Intensive flight training activity in areas S to NW of the Portland-Hillsboro Airport within 25 NM at or below 5500 MSL. These areas are in use from sunrise to sunset daily. Participating aircraft reports on 122.75.



Boundaries	LAT	LONG
1	N 45 32.48'	W 122 57.8'
2	N 45 13.6'	W 123 2.6'
3	N 45 13.6'	W 123 15.6'
4	N 45 17.26'	W 123 22.39'
5	N 45 41.59'	W 123 19.57'
6	N 45 42.1'	W 123 10.45'

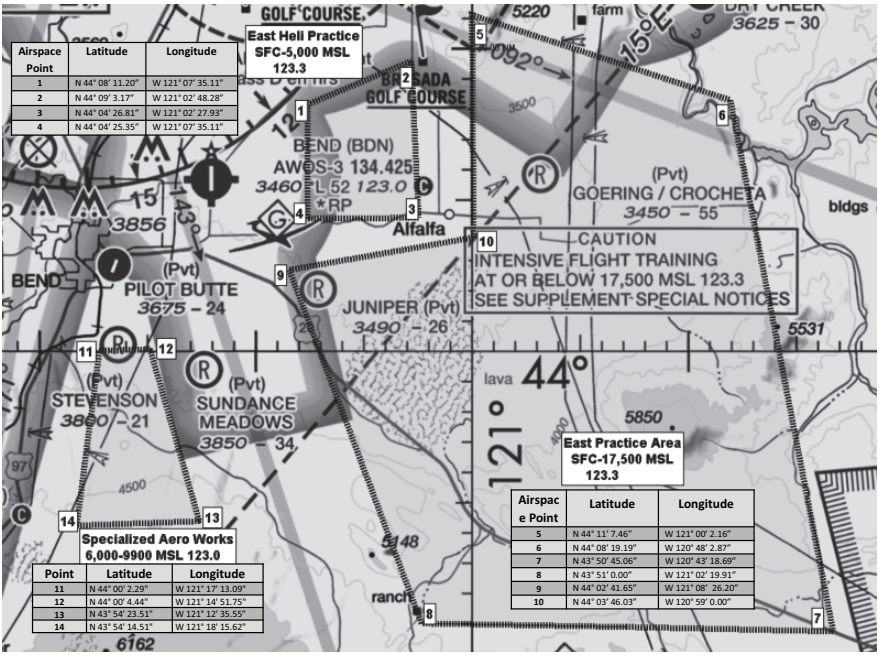
INTENSIVE FLIGHT TRAINING IN THE VICINITY OF BEND AIRPORT, BEND, OR

"East Heli Practice" area: Intensive helicopter flight training activity in the area east of Bend Airport from the surface to 5,000 MSL. Participating aircraft report on 123.3.

"East Practice Area": Intensive small aircraft and helicopter flight training activity east and south of the Bend airport within 25 NM from the surface to 10,000 MSL. Turbine instruction and flight testing in vicinity of the East Practice Area from 10,000 to 17,500 MSL. These areas are in use from sunrise to sunset daily. Participating aircraft reports on 123.3.

"Specialized Aero Works" area: Aerobatic training 6,000-10,000 MSL. Participating aircraft reports on 123.0.

Office of Primary Responsibility: Seattle ARTCC Airspace and Procedures 253-351-3558.

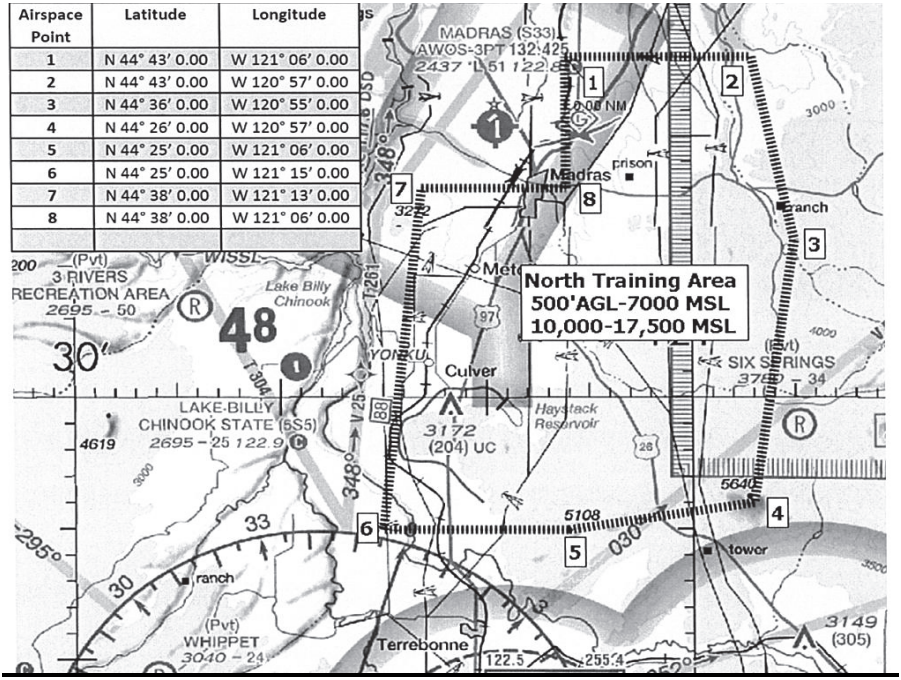


INTENSIVE FLIGHT TRAINING IN THE VICINITY OF MADRAS AIRPORT, MADRAS, OR

Intensive small aircraft flight training activity in the area south and east of the Madras Airport within 17 NM at or below 7,000 MSL. Turbine instruction and flight testing in vicinity of the North Practice Area primarily from 10,000 to 17,500 MSL. These areas are in use from sunrise to sunset daily. Participating aircraft reports on 123.5.

Office of Primary Responsibility: Seattle ARTCC Airspace and Procedures 253-351-3558.

Airspace Point	Latitude	Longitude
1	N 44° 43′ 0.00	W 121° 06′ 0.00
2	N 44° 43′ 0.00	W 120° 57′ 0.00
3	N 44° 36′ 0.00	W 120° 55′ 0.00
4	N 44° 26′ 0.00	W 120° 57′ 0.00
5	N 44° 25′ 0.00	W 121° 06′ 0.00
6	N 44° 25′ 0.00	W 121° 15′ 0.00
7	N 44° 38′ 0.00	W 121° 13′ 0.00
8	N 44° 38′ 0.00	W 121° 06′ 0.00



Special Flight Rules Area
Pearson Field Airport (VUO)
Vancouver, Washington

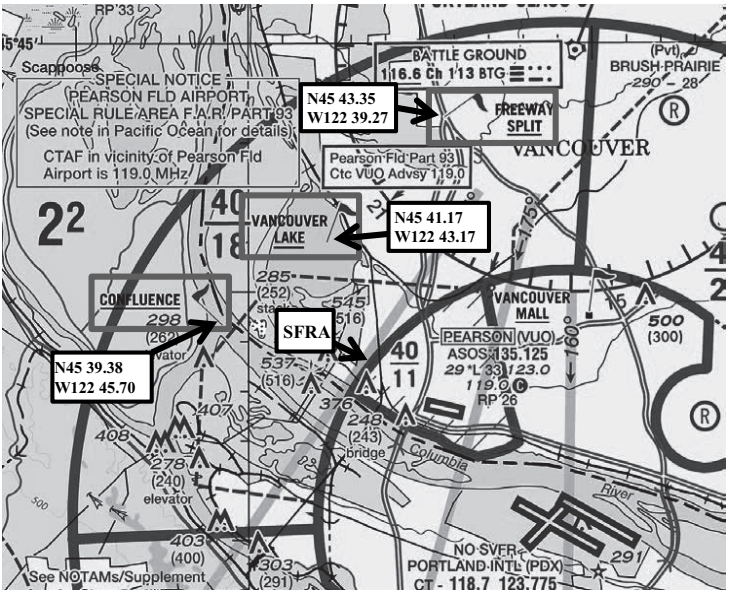
Pearson advisory service is provided by Portland Tower (PDX) on frequency 119.0. The purpose of the advisory service is to provide traffic advisories to pilots operating to/from Pearson Field. "Pearson Advisory" does not control VFR aircraft on Pearson Field or in the SFRA. However, pilots are required to establish and maintain communications with Pearson Advisory on 119.0.
Pilots should exercise caution when arriving and departing VUO due to the close proximity of Portland International Airport (PDX)
Aircraft Operations – FAR 93.163 Regulatory Information

1. Obtain the weather (ASOS 135.125) prior to contacting Pearson Advisory.
2. Establish two-way radio contact with Pearson Advisory on 119.0:
   a. Inbound to Pearson Field (or transitioning through SFRA) – before entering SFRA (see chart below).
   b. Departing Pearson Field- prior to taxiing onto the runway.
3. After initial contact, continue to monitor 119.0 while in the SFRA.
4. Remain outside Portland Class C airspace.
5. Make a right traffic pattern when operating to/from Pearson Field Runway 26.
6. When operating over the runway or extended runway centerline of Pearson Field Runway 8/26 maintain an altitude at or below 700 feet above mean sea level.
7. Two-way communications failure in flight-
   a. VFR aircraft – if ASOS indicates VFR conditions, continue inbound and land
   b. IFR aircraft – comply with FAR 91.185

VUO Airport Recommended Procedures

Departing pilots: After receiving weather and ready to depart, contact Pearson Advisory. Advise you have the weather and your intentions:
Example: *"Pearson Advisory, N6776G at runway eight, departing northwest bound with the Pearson weather."*
IFR Pilots: Use Pearson Advisory 119.0 to request clearance and IFR release from VUO.
Arriving Pilots: After receiving weather, contact Pearson Advisory at least five miles from VUO with your position and intentions.
Example: "Person Advisory, N993MM over Vancouver Lake, inbound runway eight with the Pearson weather."

The geographical reporting points of Vancouver Lake, the Freeway Split, and the Confluence are commonly used (see attached chart). Pilots can expect Pearson Advisory to issue traffic and wake turbulence advisories on PDX traffic and instruction to remain outside Portland Class C airspace. Pilots can also expect to be advised of the current direction of the PDX traffic flow and should when safe, operate in the same direction as the PDX flow.
After initial contact with Pearson Advisory, pilots should resume broadcasting their position and intentions on CTAF (119.0) as they would at any uncontrolled airport.
Example – "Pearson traffic, Experimental 18LM turning base runway eight."



CONTROLLED FIRING
Fort Harrison Controlled Firing Area
Helena, Montana

Controlled firing occurs in the vicinity of the Helena, Montana VORTAC (HLN) 24 hours daily, 5'800 MSL and BELOW. The area defined by the following radial/DME coordinates HLN258008, HLN258005, HLN250008, HLN250005.

Limestone Hills Controlled Firing Area
Helena, Montana

Controlled firing occurs in the vicinity of the Helena, Montana VORTAC (HLN) 24 hours daily, FL180 and BELOW. The area defined by the following radial/DME coordinates HLN125026, HLN127028, HLN140025, HLN125028.

SPECIAL NORTH ATLANTIC, CARIBBEAN AND PACIFIC AREA COMMUNICATIONS

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MOUNT ST. HELENS NATIONAL VOLCANIC MONUMENT, WASHINGTON

The U.S. Geological Survey (USGS) and the U.S. Forest Service (USFS) conduct low level flights to and from monitor station within the monument and within the crater itself. Due to this activity, the volatility of the volcano and a high volume of sightseeing flights in the area, the following procedures are recommended in the interest of flying safety.

1. VFR aircraft are encouraged to transmit an initial position report on 122.75 MHz in the blind when flying at altitudes of less than 10,000 feet MSL within 10 nautical miles of the Mount St. Helens volcano crater.
2. VFR flight below 3000 feet AGL – strongly not recommended.
3. VFR flight above 3000 feet AGL – fly a counterclockwise pattern, no closer than 3 miles to the volcano summit.

VFR rules of "see and be seen" and good airmanship practices will prevail. Approval to land can only be obtained through appropriate Federal or State authority. Any significant information will be available on the Portland and Seattle ATIS. Marginal radar coverage limits Seattle Center's ability to provide radar flight following to aircraft in orbit of the volcano.

DEVILS TOWER NATIONAL MONUMENT, WYOMING

For reasons of national welfare, pilots are requested to avoid flights within 3 nautical miles of Devils Tower National Monument.

BIRD HAZARD OREGON AND WASHINGTON

Heavy concentration of migratory and wintering flocks of large waterfowl from the Canadian to California borders annually November to May. Caution advised at all airports or while transiting area.

SEATTLE–TACOMA INTL
SEATTLE, WASHINGTON

Gatehold Procedures:

During peak departure periods, gatehold procedures are implemented for all IFR departures. Additional information will be broadcast on ATIS.

Oceanic Departures:

1. Contact Clearance Delivery only when you will be ready to taxi within ten minutes. State destination, requested altitude, "ten minutes to taxi."
2. If ATC delays are more than 15 minutes for your filed altitude/route, alternatives with less delay will be offered.
3. Failure to depart the gate within ten minutes or reach the runway at the release time specified in the IFR clearance may result in the cancellation of your clearance.

MOUNTAIN HOME, IDAHO

All aircraft operating within 25 NM southwest of V-4, V-330, and V-253 are requested to contact Mountain Home approach on 124.8 for traffic advisories due to intensive military training in the Mountain Home Area.

For further information contact Mountain Home RAPCON 208-828-6069.

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission.

Army installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations, prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

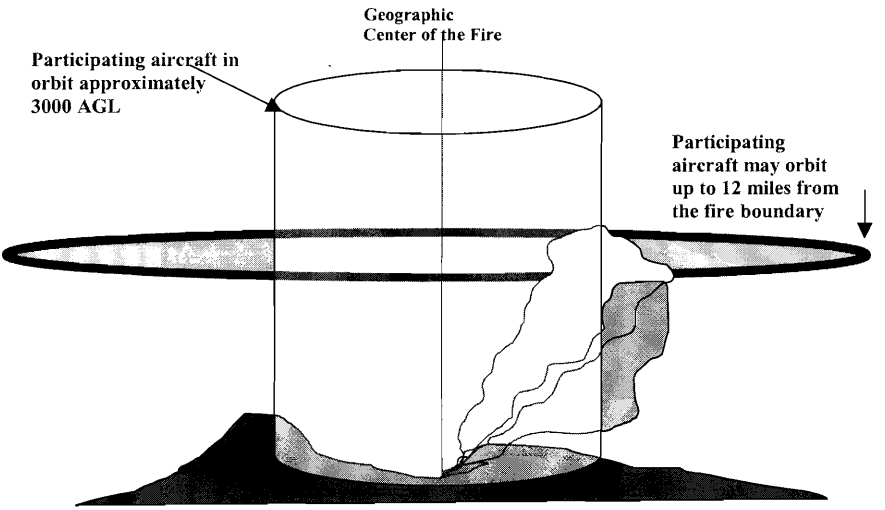
Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or water administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

Night Vision Lights Out Operations
Hays MOA, Montana

Lights–out night vision goggle training operations conducted within the Hays MOA at all altitudes from sunset to sunrise when MOA is active by NOTAM. Contact Salt Lake City ARTCC on 133.4 or 119.75 or check the Federal NOTAM System (FNS) website (https://notams.aim.faa.gov/notamSearch/) or contact Flight Service for schedule and NOTAM information.

FIREFIGHTING TRAFFIC AREAS



Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS

Kennedy, LaGuardia, and Washington Reagan National

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93–1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at http://www.faa.gov. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e–CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll–free telephone number for accessing e–CVRS is 1–800–875–9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll–free areas may access e–CVRS by calling the toll number of 703–707–0568. The Internet web address for accessing the e–CVRS is http://www.fly.faa.gov/ecvrs. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904–4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high–density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904–4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e–CVRS.

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FSS
TELEPHONE NUMBERS

Flight Service Station (FSS) facilities process flight plans and provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a contract provider at two large facilities. In Alaska, FSS services are delivered through a network of three hub facilities and 14 satellite facilities, some of which operate part–time and some are seasonal. Because of the interconnectivity between the facilities, all FSS services including radio frequencies are available continuously using published data.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings..... 1–800–WX–BRIEF (1–800–992–7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

Medevac Flights Only 1–877–LIF–GRD3 (1–877–543–4733)

FLIGHT RESTRICTED ZONE FLIGHTS

Pilots wishing to fly within the Flight Restricted Zone (FRZ) must call the Washington ARTCC Flight Data Unit at 703–771–3476.

FAA TELEPHONE NUMBERS AND NWS KEY AIR TRAFFIC FACILITIES

Air Traffic Control System Command Center

Main Number..... 540–422–4100

RGNL AIR TRAFFIC DIVISIONS

REGION	TELEPHONE
Alaskan	907–271–5464
Central	816–329–2500
Eastern	718–553–4502
Great Lakes	847–294–7202
New England	404–305–6200
Northwest Mountain	425–227–2500
Southern	404–305–5500
Southwest	817–222–5500
Western Pacific	310–725–6500

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #	**CLEARANCE DELIVERY TELEPHONE #
Albuquerque	817–222–5006	7:30 a.m.–4:00 p.m.	505–856–4300	505–856–4561
Anchorage	907–271–5936	7:30 a.m.–4:00 p.m.	907–269–1137	
Atlanta	404–305–5180	7:30 a.m.–5:00 p.m.	770–210–7601	770–210–7692
Boston	404–305–5156	7:30 a.m.–4:00 p.m.	603–879–6633	603–879–6859
Chicago	817–222–5006	8:00 a.m.–4:00 p.m.	630–906–8221	630–906–8921
Cleveland	817–222–5006	8:00 a.m.–4:00 p.m.	440–774–0310	440–774–0490
Denver	206–231–2099	7:30 a.m.–4:00 p.m.	303–342–1600	303–651–4257
Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	817–858–7500	817–858–7584
Honolulu	310–725–3300	7:30 a.m.–4:00 p.m.	808–840–6100	808–840–6201
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–5300	281–230–5622
Indianapolis	817–222–5006	8:00 a.m.–4:00 p.m.	317–247–2231	317–247–2411
Jacksonville	404–305–5180	8:00 a.m.–4:30 p.m.	904–549–1501	904–845–1592
Kansas City	817–222–5006	7:30 a.m.–4:00 p.m.	913–254–8500	913–254–8508
Los Angeles	661–265–8200	7:30 a.m.–4:00 p.m.	661–265–8200	661–575–2079
Memphis	404–305–5180	7:30 a.m.–4:00 p.m.	901–368–8103	901–368–8453
Miami	404–305–5180	7:00 a.m.–3:30 p.m.	305–716–1500	305–716–1731
Minneapolis	817–222–5006	8:00 a.m.–4:00 p.m.	651–463–5580	651–463–5588
New York	718–995–5426	8:00 a.m.–4:40 p.m.	631–468–1001	631–468–1425
Oakland	310–725–3300	6:30 a.m.–3:00 p.m.	510–745–3331	510–745–3380
Salt Lake City	206–231–2099	7:30 a.m.–4:00 p.m.	801–320–2500	801–320–2568
San Juan	404–305–5180	7:30 a.m.–5:00 p.m.	787–253–8663	787–253–8664
Seattle	206–231–2099	7:30 a.m.–4:00 p.m.	253–351–3500	253–351–3694
Washington	718–995–5426	8:00 a.m.–4:30 p.m.	703–771–3401	703–771–3587

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

**For use when numbers or frequencies are not listed in the airport listing

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONs)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	404–305–5180	7:00 a.m.–3:30 p.m.	404–669–1200
Chicago	817–222–5006	8:00 a.m.–4:00 p.m.	847–608–5509
Dallas–Ft. Worth	817–222–5006	7:30 a.m.–4:00 p.m.	972–615–2500
Denver	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1500
Houston	817–222–5006	7:30 a.m.–4:00 p.m.	281–230–8400
New York	718–995–5426	8:00 a.m.–4:30 p.m.	516–683–2901
Northern CA	310–725–3300	7:00 a.m.–3:30 p.m.	916–366–4001
Potomac	718–995–5426	8:00 a.m.–4:30 p.m.	540–349–7500
Southern CA	310–725–3300	7:30 a.m.–4:00 p.m.	858–537–5800

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817–222–5006	8:00 a.m.–5:00 p.m.	505–842–4366
Andrews AFB, MD	718–995–5426	8:00 a.m.–4:30 p.m.	301–735–2380
Baltimore/Washington Intl Thurgood Marshall, MD	718–995–5426	8:00 a.m.–4:30 p.m.	410–962–3555
Boston Logan Intl, MA	404–305–5156	7:30 a.m.–4:00 p.m.	617–455–3100
Bradley Intl, CT	404–305–5156	7:30 a.m.–4:00 p.m.	203–627–3428
Burbank/Bob Hope, CA	310–725–3300	7:00 a.m.–5:30 p.m.	818–567–4806
Charlotte Douglas Intl, NC	404–305–5180	8:00 a.m.–4:30 p.m.	704–344–6487
Chicago Midway, IL	817–222–5006	8:00 a.m.–4:00 p.m.	773–884–3670
Chicago O'Hare Intl, IL	817–222–5006	8:00 a.m.–4:00 p.m.	773–601–7600
Cleveland Hopkins Intl, OH	817–222–5006	8:00 a.m.–4:00 p.m.	216–352–2000
Covington/Cincinnati, OH	817–222–5006	8:00 a.m.–4:30 p.m.	859–372–6440
Dallas–Ft. Worth Intl, TX	817–222–5006	8:30 a.m.–5:00 p.m.	972–615–2531
Dayton Cox Intl, OH	817–222–5006	7:30 a.m.–4:00 p.m.	937–415–6800
Denver Intl, CO	425–227–1389	7:30 a.m.–4:00 p.m.	303–342–1600
Detroit Metro, MI	817–222–5006	8:00 a.m.–4:00 p.m.	734–955–5000
Fairbanks Intl, AK	907–271–5936	7:30 a.m.–4:00 p.m.	907–474–0050
Fort Lauderdale Intl, FL	404–305–5180	7:00 a.m.–3:30 p.m.	305–356–7932
George Bush Intercontinental/Houston, TX	817–222–5006	7:30 a.m.–4:00 p.m.	713–230–8400
Hartsfield–Jackson Atlanta Intl, GA	404–305–5180	7:00 a.m.–3:30 p.m.	404–669–1200
Honolulu (Daniel K Inouye Intl), HI	310–725–3300	7:30 a.m.–4:00 p.m.	808–840–6100
Houston Hobby, TX	817–222–5006	8:00 a.m.–5:00 p.m.	713–847–1400
Indianapolis Intl, IN	817–222–5006	8:00 a.m.–4:00 p.m.	317–484–6600
Kahului/Maui, HI	310–725–3300	7:30 a.m.–4:00 p.m.	808–877–0725
Kansas City Intl, MO	817–222–5006	7:30 a.m.–4:00 p.m.	816–329–2700
Las Vegas McCarran, NV	310–725–3300	7:30 a.m.–4:00 p.m.	702–262–5978
Los Angeles Intl, CA	310–725–3300	7:00 a.m.–3:30 p.m.	310–342–4900
Louis Armstrong New Orleans Intl, LA	817–222–5006	7:00 a.m.–4:30 p.m.	504–471–4300
Memphis Intl, TN	404–305–5180	7:30 a.m.–4:00 p.m.	901–322–3350
Miami Intl, FL	404–305–5180	7:00 a.m.–4:00 p.m.	305–869–5400
Minneapolis/St. Paul, MN	817–222–5006	8:00 a.m.–4:00p.m.	612–713–4000
Nashville Intl, TN	404–305–5180	7:00 a.m.–3:30 p.m.	615–781–5460
New York Kennedy Intl, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–656–0335
New York La Guardia, NY	718–995–5426	8:00 a.m.–4:30 p.m.	718–335–5461
Newark Liberty Intl, NJ	718–995–5426	7:30 a.m.–4:00 p.m.	973–565–5000
Norman Y. Mineta San Jose Intl, CA	310–725–3300	7:30 a.m.–4:00 p.m.	408–982–0750
Ontario Intl, CA	310–725–3300	7:30 a.m.–4:00 p.m.	909–983–7518
Orlando Intl, FL	404–305–5180	7:30 a.m.–5:00 p.m.	407–850–7000
Philadelphia Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	215–492–4100
Phoenix Sky Harbor Intl, AZ	310–725–3300	7:30 a.m.–4:00 p.m.	602–379–4226
Pittsburgh Intl, PA	718–995–5426	8:00 a.m.–4:30 p.m.	412–269–9237
Portland Intl, OR	425–227–1389	7:30 a.m.–4:00 p.m.	503–493–7500
Raleigh–Durham, NC	404–305–5180	8:00 a.m.–4:30 p.m.	919–380–3125
Ronald Reagan Washington National, DC	718–995–5426	8:00 a.m.–4:30 p.m.	703–413–0330
Salt Lake City, UT	425–227–1389	7:30 a.m.–4:00 p.m.	801–325–9600
San Antonio Intl, TX	817–222–5006	8:00 a.m.–4:30 p.m.	210–805–5507
San Diego Lindbergh Intl, CA	310–725–3300	8:00 a.m.–4:30 p.m.	619–299–0677
San Francisco Intl, CA	310–725–3300	7:00 a.m.–3:30 p.m.	650–876–2883
San Juan Intl, PR	404–305–5180	7:30 a.m.–5:00 p.m.	787–253–8663
Seattle–Tacoma Intl, WA	425–227–1389	7:30 a.m.–4:00 p.m.	206–768–2900
St. Louis Lambert, MO	817–222–5006	7:30 a.m.–4:00 p.m.	314–890–1000
Tampa Intl, FL	404–305–5180	7:30 a.m.–4:00 p.m.	813–371–7700
Ted Stevens Anchorage Intl, AK	907–271–5936	7:30 a.m.–4:00 p.m.	907–271–2700
Teterboro, NJ	718–995–5426	8:00 a.m.–4:30 p.m.	201–288–1889
Washington Dulles Intl, DC	718–995–5426	8:00 a.m.–4:30 p.m.	571–323–6375
West Palm Beach, FL	404–305–5180	8:00 a.m.–4:30 p.m.	561–683–1867
Westchester Co, NY	718–995–5426	8:00 a.m.–4:30 p.m.	914–948–6520

*Facilities can be contacted through the Rgnl Duty Officer during non–business hours.

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

TAF KPIT 091730Z 091818 15005KT 5SM HZ FEW020 WS010/31022KT
FM1930 30015G25KT 3SM SHRA OVC015 TEMPO 2022 1/2SM +TSRA OVC008CB
FM0100 27008KT 5SM SHRA BKN020 OVC040 PROB40 0407 1SM -RA BR
FM1015 18005KT 6SM -SHRA OVC020 BECMG 1315 P6SM NSW SKC

METAR KPIT 091955Z COR 22015G25KT 3/4SM R28L/2600FT TSRA OVC010CB 18/16 A2992 RMK SLP045 T01820159

Forecast	Explanation	Report
TAF	Message type: TAF-routine or TAF AMD-amended forecast, METAR-hourly, SPECI-special or TESTM-non-commissioned ASOS report	**METAR**
KPIT	ICAO location indicator	**KPIT**
091730Z	Issuance time: ALL times in UTC "Z", 2-digit date, 4-digit time	**091955Z**
091818	Valid period: 2-digit date, 2-digit beginning, 2-digit ending times	
	In U.S. **METAR**: CORrected ob; or AUTOmated ob for automated report with no human intervention; omitted when observer logs on	**COR**
15005KT	Wind: 3 digit true-north direction, nearest 10 degrees (or VaRiaBle); next 2-3 digits for speed and unit, KT (KMH or MPS); as needed, Gust and maximum speed; 00000KT for calm; for **METAR**, if direction varies 60 degrees or more, Variability appended, e.g. 180V260	**22015G25KT**
5SM	Prevailing visibility: in U.S., Statute Miles & fractions; above 6 miles in **TAF** Plus6SM. (Or, 4-digit minimum visibility in meters and as required, lowest value with direction)	**3/4SM**
	Runway Visual Range: R; 2-digit runway designator Left, Center, or Right as needed; "/"; Minus or Plus in U.S., 4-digit value, FeeT in U.S., (usually meters elsewhere); 4-digit value Variability 4-digit value (and tendency Down, Up or No change)	**R28L/2600FT**
HZ	Significant present, forecast and recent weather: see table (on back)	**TSRA**
FEW020	Cloud amount, height and type: SKy Clear 0/8, FEW >0/8-2/8, SCaTtered 3/8-4/8, BroKeN 5/8-7/8, OVerCast 8/8; 3-digit height in hundreds of ft; Towering CUmulus or CumulonimBus in **METAR**; in **TAF**, only CB. Vertical Visibility for obscured sky and height "VV004". More than 1 layer may be reported or forecast. In automated **METAR** reports only, CLeaR for "clear below 12,000 feet"	**OVC010CB**
	Temperature: degrees Celsius; first 2 digits, temperature "/" last 2 digits, dew-point temperature; Minus for below zero, e.g., M06	**18/16**
	Altimeter setting: indicator and 4 digits; in U.S., A-inches and hundredths; (Q-hectoPascals, e.g., Q1013)	**A2992**

KEY to AERODROME FORECAST (TAF) and AVIATION ROUTINE WEATHER REPORT (METAR)

Forecast	Explanation	Report
WS010/31022KT	In U.S. **TAF**, non-convective low-level (≤2,000 ft) Wind Shear; 3-digit height (hundreds of ft); "/"; 3-digit wind direction and 2-3 digit wind speed above the indicated height, and unit, KT	
	In **METAR**, ReMarK indicator & remarks. For example: Sea-Level Pressure in hectoPascals & tenths, as shown: 1004.5 hPa; Temp/dew-point in tenths °C, as shown: temp. 18.2°C, dew-point 15.9°C	**RMK SLP045 T01820159**
FM1930	FroM and 2-digit hour and 2-digit minute **beginning** time: indicates significant change. Each FM starts on new line, indented 5 spaces.	
TEMPO 2022	TEMPOrary: changes expected for < 1 hour and in total, < half of 2-digit hour **beginning** and 2-digit hour **ending** time period	
PROB40 0407	PROBability and 2-digit percent (30 or 40): probable condition during 2-digit hour **beginning** and 2-digit hour **ending** time period	
BECMG 1315	BECoMinG: change expected during 2-digit hour **beginning** and 2-digit hour **ending** time period	

Table of Significant Present, Forecast and Recent Weather - Grouped in categories and used in the order listed below; or as needed in TAF, No Significant Weather.

QUALIFIER

Intensity or Proximity

- Light "no sign" Moderate + Heavy

VC Vicinity: but not at aerodrome; in U.S. **METAR**, between 5 and 10SM of the point(s) of observation; in U.S. **TAF**, 5 to 10SM from center of runway complex (elsewhere within 8000m)

Descriptor

MI Shallow	BC Patches	PR Partial	TS Thunderstorm
BL Blowing	SH Showers	DR Drifting	FZ Freezing

WEATHER PHENOMENA

Precipitation

DZ Drizzle	RA Rain	SN Snow	SG Snow grains
IC Ice crystals	PL Ice pellets	GR Hail	GS Small hail/snow pellets

UP Unknown precipitation in automated observations

Obscuration

BR Mist (≥5/8SM)	FG Fog (<5/8SM)	FU Smoke	VA Volcanic ash
SA Sand	HZ Haze	PY Spray	DU Widespread dust

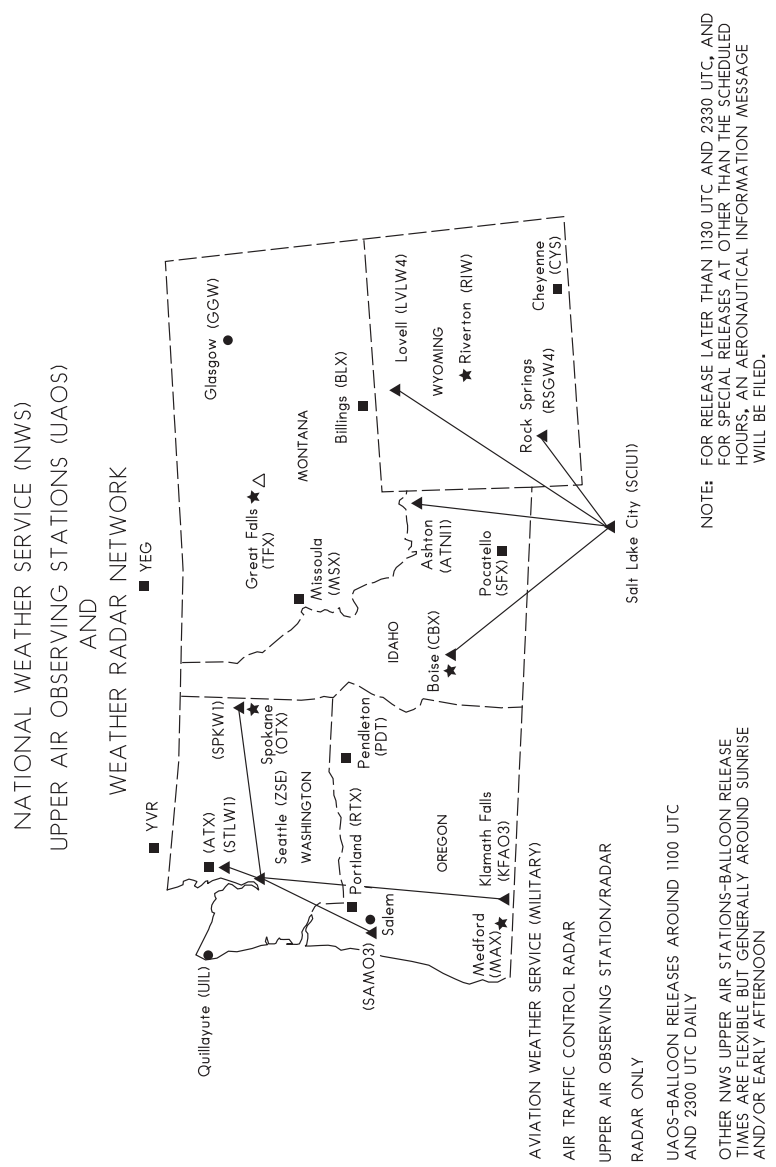
Other

SQ Squall	SS Sandstorm	DS Duststorm	PO Well developed dust/sand whirls
FC Funnel cloud	+FC tornado/waterspout		

- Explanations in parentheses "( )" indicate different worldwide practices.
- Ceiling is not specified; defined as the lowest broken or overcast layer, or the vertical visibility.
- NWS **TAFs** exclude turbulence, icing & temperature forecasts; NWS **METARs** exclude trend fcsts
- Although not used in US, Ceiling And Visibility OK replaces visibility, weather and clouds if: visibility ≥10 km; no cloud below 5000 ft (1500 m) or below the highest minimum sector altitude, whichever is greater and no CB; and no precipitation, TS, DS, SS, MIFG, DRDU, DRSA or DRSN.

UNITED STATES DEPARTMENT OF COMMERCE

NOAA/PA 96052 **National Oceanic and Atmospheric Administration**—National Weather Service


NATIONAL WEATHER SERVICE (NWS)
UPPER AIR OBSERVING STATIONS (UAOS)
AND
WEATHER RADAR NETWORK
YVR
YEG
Glasgow (GGW)
MONTANA
Billings (BLX)
Great Falls (TFX)
Missoula (MSX)
Lovell (LVLW4)
WYOMING
Riverton (RIW)
Cheyenne (CYS)
Rock Springs (RSGW4)
Ashton (ATNI1)
Pocatello (SFX)
IDAHO
Boise (CBX)
Salt Lake City (SCIU1)
(ATX) (STLW1)
(SPKW1)
Spokane (OTX)
Seattle (ZSE)
WASHINGTON
Pendleton (PDT)
Portland (RTX)
OREGON
Klamath Falls (KFAO3)
Salem
(SAMO3)
Medford (MAX)
Quillayute (UIL)
AVIATION WEATHER SERVICE (MILITARY)
AIR TRAFFIC CONTROL RADAR
UPPER AIR OBSERVING STATION/RADAR
RADAR ONLY
UAOS-BALLOON RELEASES AROUND 1100 UTC AND 2300 UTC DAILY
OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON
NOTE: FOR RELEASE LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

Ⓡ**DENVER CENTER** – 121.5 **121.5** 125.9 243.0 **243.0** 284.7**H–1–2–3–4–5–6, L–8–9–10–11–12–13–14–15, A–2**
Abajo Peak – 125.35 **(KZDV)**
Ainsworth – 132.7 127.95 **127.95** 121.5 **121.5** 397.85 338.2 **338.2**
Akron – 121.5 **121.5**
Alamosa – **132.225** 128.375 121.5 **121.5** 379.95 **377.05** **354.15**
Aspen – 134.5 **132.85** 124.5 119.85 363.15 350.25 327.8 **306.9**
Brush/A/ – 133.95 **133.95** 317.55 **317.55**
Brush/B/ – 118.475 **118.475** 225.4 **225.4**
Casper – 135.6 **133.675** 121.5 **121.5** **118.925** 363.025 **322.5** **296.7** **257.725** 243.0 **243.0**
Cherokee – 132.1 **132.1** 254.35 **254.35**
Cheyenne – **134.575** **133.175** 132.1 125.9 **350.3** 319.8 **307.1** 284.7
Colby – **132.175** 127.65 **127.65** 360.65 **360.65** **254.325**
Cortez – **134.7** 118.575 **363.05** 348.7
Crawford – **135.025** 127.95 338.2 **296.7** **239.05**
Denver – 133.4 **132.85** 128.65 **126.875** 125.95 377.175 **353.65** **306.9** **296.7** 282.2
Denver/A/ – 126.5 **126.5** 371.85 **371.85**
Denver/B/ – 119.85 **119.85** 363.15 **363.15**
Durango – 118.575 **118.575** 348.7 **348.7**
Eastonville – **134.975** **132.225** 128.375 379.95 **354.15** **263.0**
Farmington – **128.125** **125.675** 121.5 **121.5** 118.575 **386.8** **380.15** 348.7 **290.4** **257.775** 243.0 **243.0**
Goodland – 132.7 **132.7** 132.5 **132.5** 121.5 **121.5** 379.15 **379.15** 226.675 **226.675**
Grand Island West – 132.7 **132.7** **397.85** **296.7** 226.675
Grand Junction – 121.5 **121.5**
Grand Mesa – 135.125 **135.125** **134.275** **126.725** **125.675** **380.15** 323.25 **323.25** **316.125** **296.7** **275.3**
Grand Mesa/A/ – 127.1
Grand Mesa/B/ – 134.5 **134.5** 327.8 **327.8**
Gunnison – **133.525** 125.35 354.05 **319.0**
Hanksville – 127.55 **127.55** 343.95 **343.95**
Hayden – **128.325** 120.475 **377.075** 235.975
Hayes Center – 127.025 **127.025** 288.35 **288.35**
Hill City – 132.7 **132.7** 132.5 **132.5** 379.15 **379.15** 226.675 **226.675**
Kremmling – **132.85** 128.65 **306.9** 282.2
La Junta – 134.125 133.4 **132.225** 128.375 379.95 377.175 **370.925** **354.15** **346.25** **296.7** 243.0 **243.0**
Lamar – 121.5 **121.5**
Laramie – 125.9 **125.9** 284.7 **284.7**
Loveland – 121.5 **121.5** 243.0 **243.0**
Lusk – 135.6 **135.6** 363.025 **363.025**
Medicine Bow – **133.175** 132.1 126.5 **350.3** 285.5 254.35
Montrose – 127.1 343.65
North Platte – 132.7 121.5 **121.5** 226.675
O'Neill – **135.025** **239.05**
Ogallala – 132.7 **126.325** 397.85 **257.75** 226.675
Pueblo – **132.225** 128.375 379.95 **354.15**
Rapid City – 127.95 **127.95** 121.5 **121.5** 338.2 **338.2**
Rifle – 134.95 327.075
Scottsbluff – 127.95 **127.95** 121.5 **121.5**
Sundance – 135.6 **133.675** 363.025 **322.5**
Trinidad – 121.5 **121.5**
Tuba City – **132.875** 127.55 **118.225** **386.8** **353.95** 343.95 **335.65** **296.7** 256.875
Walton Peak – 126.5 **126.5** 371.85 **371.85**

Ⓡ SALT LAKE CITY CENTER – 121.5 **121.5** 243.0 **243.0 CPDLC (LOGON KUSA)** **H–1–2–3, L–9–11–12–13–14**
(KZLC)

Ashton – **132.4** 128.35 **128.35** **338.3** 239.25 **239.25**
Baker – 128.05 121.5 **121.5** 306.95
Battle Mountain – 132.25 **128.725** **352.0** 338.35 243.0 **243.0**
Big Piney – 128.35 **128.35** 121.5 **121.5** 239.25 **239.25**
Billings – 127.75 **127.75** 351.9 **351.9**
Blackfoot – 128.35 **128.35** **364.8** 239.25 **239.25**
Bliss – 128.55 **121.15** 118.05 **379.1** 363.0
Boise – 118.05 363.0 269.05 243.0 **243.0**
Boysen – 133.25 **133.25** **364.8** 353.5 **353.5** 285.6 **285.6**
Bozeman – 132.4 **132.4** 121.5 **121.5** 338.3 **338.3**
Bozeman A – 118.975 226.675
Bryce Canyon – 133.6 121.5 **121.5** 269.25
Burley – 118.05 363.0
Burns – 121.5 **121.5**
Butte – 133.4 132.4 **132.4** **364.8** 338.3 **338.3** 285.4
Cascade – **121.15** **399.0**
Cedar City – 125.575 121.5 **121.5** 379.275 **364.8** 243.0 **243.0**
Conners – 121.5 **121.5**
Coppertown – 121.5 **121.5**
Cut Back – 121.5 **121.5**
Delta – 127.825 125.575 **120.275** 379.275 370.85 **269.275** 239.025
Elko – 132.25 **128.725** 121.5 **121.5** **364.8** **352.0** 338.35
Ely – 133.45 121.5 **121.5** 317.625
Fairfield – **135.775** 133.9 **127.825** 370.85 **257.7** 239.025
Fort Bridger – 121.5 **121.5**
Francis Peak – **135.775** 127.7 **119.95** **377.15** **364.8** 354.125 **257.7**
Glasgow – 126.85 **126.85** 121.5 **121.5** 305.2 **305.2**
Grassy Mountain – 128.55 **128.55** 269.175 **269.175**
Great Falls – 133.4 **119.75** 285.4 **251.15**
Green River – 124.35 **124.35** 353.5 **353.5**
Hanksville – 133.6 269.25
Idaho Falls – 121.5 **121.5**
Jackson – 133.25 **133.25** 285.6 **285.6**
Judith Mountain – 133.4 **126.85** 121.5 **121.5** **305.2** 285.4
Lakeside – 133.4 **119.75** 285.4 **251.15**
Livingston – 118.975 226.675
Livingston A – 119.55 235.775
Lovell – 133.25 **133.25** 127.75 **127.75** 351.9 **351.9** 285.6 **285.6**
Malad City – 133.8 127.7 **125.925** **379.25** 354.125 350.35
Miles City – **132.425** 126.85 121.5 **121.5** **364.8** **317.45** 305.2
Miller Peak – 133.4 121.5 **121.5** 285.4
Miller Peak A – 119.75 **119.75**
Miller Peak B – 251.15 **251.15**
Myton – **135.775** 119.95 **119.95** 377.15 **377.15** **257.7**
Rock Springs 2 – 121.5 **121.5**
Rome – 128.05 **121.15** **379.1** 306.95
Salmon – 132.4 **132.4** 121.5 **121.5** 338.3 **338.3**
Sheridan – 127.75 **127.75** 121.5 **121.5** 351.9 **351.9**
Squaw Butte – 128.05 **121.15** **379.1** **364.8** 306.95
Sunnyside – 133.9 **127.925** 370.85 **348.725**
Tonopah – **134.525** 133.45 121.5 **121.5** **327.05** 317.625 243.0 **243.0**
Watford City – 126.85 **126.85** 305.2 **305.2**
Wilson Creek – **134.525** 133.45 **127.925** **348.725** **327.05** 317.625
Winnemucca – 132.25 121.5 **121.5** 380.05 338.35
Worland – 121.5 **121.5**

®SEATTLE CENTER – 121.5 **121.5** 243.0 **243.0** **CPDLC (LOGON KUSA)** **H–1–3, L–1–2–11–13**
(KZSE)

Antelope Mountain – 124.85 306.3
Arcata – 124.85 121.5 **121.5** 306.3
Badger Mountain – 134.95 **134.95** 127.05 **127.05** 121.5 **121.5** 353.9 **353.9** 270.3 **270.3** 243.0 **243.0**
Beacon Hill – 127.05 **127.05** 120.3 **120.3** **353.9** 273.6 **273.6**
Bellingham – 121.5 **121.5**
Cottonwood – 123.95 290.55
Crescent City – 121.5 **121.5**
Ellensburg – 121.5 **121.5**
Ephrata – 121.5 **121.5**
Ferndale – **135.15** 124.85 **360.7** 306.3
Hoquiam – 128.3 121.5 **121.5** 269.0
Horton – **132.075** 127.55 125.8 291.7 257.65 254.35 243.0 **243.0** 239.0
Kimberly – **135.45** **281.4**
King Mountain – **135.15** 127.55 124.85 **360.7** 306.3 254.35
Klamath Falls – **134.9** 127.6 346.35 **263.05**
Klickitat – **135.45** 126.6 **126.6** 121.5 **121.5** 119.65 343.6 **343.6** **281.4** 257.6
Lakeside – 123.95 290.55
Lakeview – **135.35** 127.6 346.35 **335.55** 243.0 **243.0**
Larch Mountain – 128.3 **128.3** 126.6 **126.6** 343.6 **343.6** 269.0 **269.0**
Marlin – 126.1 291.6
Medford – 121.5 **121.5** 243.0 **243.0**
Mohler – **128.45** **307.8**
Mt Brynon – 121.5 **121.5**
Mullan Pass – **128.45** **307.8**
Nassel – 124.2 317.6
North Bend – 121.5 **121.5**
Redmond – **135.35** **134.9** 128.15 126.15 121.5 **121.5** **121.35** **335.55** **279.6** 269.475 **263.05** 257.75 243.0 **243.0**
Rex-Parrett – **121.35** **279.6**
Scappoose – 128.15 124.2 317.6 257.75
Spokane – 123.95 **119.225** **335.5** 290.55 243.0 **243.0**
Tatoosh – 125.1 **125.1** 319.2 **319.2** 243.0 **243.0**
Walla Walla – 121.5 **121.5**
Wallula – 132.6 121.5 **121.5** **321.3** 269.35 243.0 **243.0**
Wenatchee – 126.1
Whidbey Island – **134.95** 125.1 **125.1** 319.2 **319.2** **270.3**
Yakima – 132.6 120.3 **120.3** 273.6 **273.6** 269.35

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. Frequencies in bold type are available all altitudes but recommended for use FL180 and above. 'T' indicates transmit only and 'R' indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

BOISE RADIO

ASHTON RCO 122.2
BLISS RCO 122.4
BOISE RCO 122.6 255.4
CASCADE RCO 122.35
COEUR D'ALENE RCO 122.05
CONNOR RCO 122.05
COTTONWOOD RCO 122.2
HAILEY RCO 122.4
IDAHO FALLS RCO 122.55
LEWISTON RCO 122.35
MALAD CITY RCO 122.65
MOUNTAIN HOME RCO 122.6
MULLAN PASS VOR/DME 122.15
POCATELLO RCO 122.35
ROME RCO 122.65
SALMON VOR/DME 122.55
STANLEY RCO 122.6
TWIN FALLS RCO 122.25

CASPER RADIO

BIG PINEY VOR/DME 122.3
BOYSEN RESERVOIR VOR/DME 122.3
CASPER RCO 122.6
CASPER RCO 255.4
CHEROKEE RCO 122.4
CHEYENNE RCO 122.3
CODY RCO 122.3
CRAZY WOMAN VOR/DME 122.2
DOUGLAS RCO 122.4
DUNOIR RCO 122.6
FORT BRIDGER RCO 122.3
GILLETTE RCO 122.3
JACKSON RCO 122.05
LARAMIE VOR/DME 122.6
LUSK RCO 122.3
MEDICINE BOW RCO 122.5
NEWCASTLE RCO 122.5
RAWLINS RCO 122.2
RIVERTON RCO 122.2
ROCK SPRINGS RCO 122.2
ROCK SPRINGS VOR/DME 122.6
SHERIDAN RCO 122.5
SHERMAN HIL RCO 122.2
WHEATLAND RCO 122.2
WORLAND RCO 122.4

GREAT FALLS RADIO

BILLINGS RCO 122.55
BOZEMAN VOR/DME 122.5
BUTTE RCO 122.2
COPPERTOWN RCO 122.65
CUT BANK VOR/DME 122.2
DILLON RCO 122.15
DRUMMOND RCO 122.25
GLASGOW RCO 122.25
GREAT FALLS RCO 122.3 255.4
HARLOWTON RCO 122.4
HAVRE RCO 122.5
HELENA RCO 122.55
JUDITH MOUNTAIN RCO 122.2
LAKESIDE RCO 122.5
LEWISTOWN RCO 122.35
LIVINGSTON RCO 122.2
MILES CITY RCO 122.2 255.4
MILLER PEAK RCO 122.45
SIDNEY RCO 122.3
TOWER HILL RCO 122.3
WOLF POINT RCO 122.45

MC MINNVILLE RADIO

ASTORIA RCO 122.3
BAKER CITY RCO 122.4 255.4
BURNS RCO 122.5
CAPE BLANCO RCO 122.4
DODSON BUTTE RCO 122.6
ENTERPRISE RCO 122.5
EUGENE RCO 122.3
HOOD RIVER RCO 122.3
KIMBERLY RCO 122.6
KLAMATH FALLS RCO 122.6 255.4
LA GRANDE NDB 122.5
LAKEVIEW VORTAC 122.3
MEDFORD RCO 122.65
NEWBERG RCO 122.45
NEWPORT RCO 122.5
NORTH BEND RCO 122.4 255.4
ONTARIO RCO 122.3
PENDLETON RCO 122.2
PORTLAND RCO 255.4
REDMOND RCO 122.5 255.4
ROSEBURG VOR/DME 122.55
SALEM RCO 122.6
SEXTON SUMMIT RCO 122.5
SUNRIVER RCO 122.3

SEATTLE RADIO

BADGER MOUNTAIN RCO 122.3
BELLINGHAM RCO 122.15 255.4
BUCKHORN MTN RCO 122.2
ELLENSBURG RCO 122.2
EPHRATA RCO 122.2
HOQUIAM RCO 122.2 255.4
JUMP–OFF–JOE RCO 122.4
KLICKITAT RCO 122.65 255.4
LARCH MOUNTAIN RCO 122.3
MICA PEAK RCO 122.65
MOSES LAKE VOR/DME 122.4
MOUNT CONSTITUTION RCO 122.3
OAK HARBOR RCO 122.4
PAINE RCO 122.55
PORT ANGELES RCO 122.6
PULLMAN VOR/DME 122.6
SEATTLE RCO 122.5 255.4
SOUTHWEST WASHINGTON RCO 122.25
SPOKANE RCO 122.55 255.4
SPOKANE RCO 122.2
STAMPEDE PASS RCO 122.4
TATOOSH VORTAC 122.25
VANCOUVER RCO 122.35
WALLA WALLA RCO 122.3 255.4
WENATCHEE RCO 122.6 255.4
YAKIMA RCO 122.5 255.4

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed "Type of Checkpoint" & "Type of VOT Facility" G stands for ground. A/ stands for airborne followed by figures (2300) or (1000–3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located.

IDAHO

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Boise	113.3/BOI	A/5000	090	6.2	Over dam outlet S end Lucky Peak Reservoir.
Boise (Boise Air Terminal–Gowen Field)	113.3/BOI	G	296	0.6	Twy A in run-up area Rwy 28R.
Coeur D'Alene	108.8/COE	A/4000	011	9.0	Over center of amusement park.
Idaho Falls (Idaho Falls Rgnl)	113.85/IDA	G	208	0.8	At intersection of Twys A and A4.
Nez Perce (Lewiston–Nez Perce County)	108.2/MQG	A/3000	247	6.2	Over tetrahedron on arpt.
Pocatello (Pocatello Rgnl)	112.6/PIH	A/5800	034	8.7	Over radio antenna with white storage tanks at base.
Twin Falls (Joslin Fld–Magic Valley Rgnl)	115.8/TWF	G	065	0.8	On runup area at apch end Rwy 26.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Boise (Boise Air Terminal–Gowen Field)	116.7	G	

MONTANA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Billings	114.5/BIL	A/5000	199	11	Over refinery at Laurel.
Bozeman (Bozeman Yellowstone Intl)	112.4/BZN	G	272	0.5	Twy at apch end Rwy 12.
	112.4/BZN	G	145	0.7	Twy H at Twy A.
Coppertown (Bert Mooney)	111.6/CPN	A/6600	098	11.5	Over intersection of Rwys 11–29 and 15–33.
Dillon	113.0/DLN	A/7000	245	5.0	Over letter 'B' on bluff.
Great Falls (Great Falls Intl)	115.1/GTF	G	030	2.3	On Twy A between A5 and A6.
	115.1/GTF	G	030	2.9	At intersection of Twy A and A3.
Havre	111.8/HVR	A/4000	278	8.0	Over S end of dam.
Helena (Helena Rgnl)	117.7/HLN	G	238	0.7	On Twy E on South side of Rwy 27.
Kalispell (Glacier Park Intl)	113.2/FCA	A/4000	316	6.4	Over apch end Rwy 29.
Lewistown (Lewistown Muni)	112.0/LWT	A/5200	075	5.6	Over apch end Rwy 08.
Livingston	116.1/LVM	A/6500	237	5.5	Over northernmost radio twr NE of city.
Miles City (Frank Wiley Field)	112.1/MLS	G	042	4.2	On twy leading to Rwy 31.
Missoula (Missoula Intl)	112.8/MSO	G	348	0.6	Terminal ramp east of Twy D.

OREGON

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Astoria (Astoria Regional)	114.0/AST	G	156	0.5	East edge of ramp in front of large hangar.
Baker City (Roanoke-Blacksburg Rgnl/Woodrum Fld)	115.3/BKE	A/6000	136	6.7	Over microwave twr on hill.
Corvallis (Corvallis Muni)	115.4/CVO	G	049	0.5	On S edge of terminal ramp.
Eugene (Mahlon Sweet Field)	112.9/EUG	G	075		Ramp W of old tower near int of Twy D & Twy K.
Klamath Falls (Crater Lake–Klamath Rgnl)	115.9/LMT	G	298	1.0	On ramp N of Twy E.
Pendleton (Eastern Oregon Rgnl At Pendleton)	114.7/PDT	G	079	3.8	On W diagonal Twy B.
Rogue Valley (Rogue Valley Intl)	113.6/OED	A/3000	213	4.8	Over radio tower.
Roseburg (Roseburg Rgnl)	108.2/RBG	A/2500	337	3.0	Over S end of Rwy 16–34.
Wildhorse	114.55/ILR	A/6500	225	6.0	Over smoke stack.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl	111.0	G	Unusable on ANG ramp; Twy B east of Twy B6; Twy B west of Rwy 21; Twy C east of Twy C6; Twy C west of C3; Twy D; Twy H.
Portland-Hillsboro	115.2	G	
Rogue Valley Intl–Medford	117.2	G	Unusable on Twy A–6, hangar area W of Twy A–6 and Twy A NW of Twy C.

WASHINGTON

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Ellensburg (Bowers Field)	117.9/ELN	A/2300	257		Over AER 29.
Ephrata (Ephrata Muni)	112.6/EPH	A/2300	202	5.8	Over Rwy 03 thld.
Hoquiam (Bowerman)	117.7/HQM	A/1100	062	8.4	Over cntrln AER 06.
Moses Lake (Grant County Intl)	115.0/MWH	G	167	1.2	South Twy A, east of compass rose.
	115.0/MWH	G	194	1.2	On runup area Rwy 04.
	115.0/MWH	G	313	1.0	On runup area Rwy 14L.
Olympia (Olympia Rgnl)	113.4/OLM	G	350	0.3	On E runup area Rwy 17.
Paine (Snohomish Co (Paine Fld))	110.6/PAE	G	172	1.16	Intersection Twy A8.
Pasco (Tri–Cities)	109.8/PSC	G	129	0.9	Twy E Rwy 30 runup area.
Seattle	116.8/SEA	A/2500	308	19.5	Over NW end of bridge and Hwy 305.
Seattle (Norman Grier Field)	116.8/SEA	A/2000	107	10.3	Over cntrln AER 33.
Tatoosh (Sekiu)	112.2/TOU	A/2500	077	12.4	Over AER 08.
Walla Walla (Martin Field)	116.4/ALW	A/1500	225		Overhead Martin Fld (KS95).
Walla Walla (Walla Walla Rgnl)	116.4/ALW	G	035	0.5	On Twy A between A2 and A3.
Wenatchee (Pangborn Mem)	111.0/EAT	G	102		On Twy A between Twy A2 and A3.
Whatcom (Bellingham Intl)	113.0/HUH	A/1700	162	5.4	Over Nooksack River/Interstate 5 Bridge.
Yakima	116.0/YKM	A/3500	210	4.1	Over single tower on ridge line.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Seattle (Boeing Field/King County Intl)	108.6	G	
Seattle (Seattle–Tacoma Intl)	117.5	G	
Spokane (Felts Field)	114.0	G	
Spokane Intl	109.6	G	

WYOMING

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Boysen Reservoir	117.8/BOY	A/6500	180	25	Over Riverton VOR.
Jackson (Jackson Hole)	115.4/JAC	G	174	0.5	On Twy A, approximately 1,000′ S of AER 19.
Muddy Mountain (Casper/Natrona Co Intl)	116.2/DDY	A/6400	204	13.4	Over intersection Rwys 03–21 and 08–26.
Newcastle (Mondell Fld)	108.2 ECS	A/5500	116	4.9	Over radio towers with strobe lights.
Rock Springs (Southwest Wyoming Rgnl)	116.0/OCS	G	270	2.3	Intersection Twys B and E.
Sheridan (Sheridan County)	115.3/SHR	A/5000	132	5.0	Over AER 15.

PARACHUTE JUMPING AREAS

The following tabulation lists all reported parachute jumping areas in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. NOTAM D's may be issued to advise users of specific dates and times if outside the times /altitudes that are published. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Parachute jumping areas within restricted airspace are not listed.
All times are local and altitudes MSL unless otherwise specified.
Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.
Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.
Organizations desiring listing of their jumping activities in this publication should contact Flight Service, tower, or ARTCC.
Qualified parachute jumping areas will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jumping area is charted.

To qualify for charting, a jump area must meet the following criteria:
(1) Been in operation for at least 1 year.
(2) Log 1,000 or more jumps each year.

In addition, parachute jumping areas can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
	IDAHO		
Burley	13 NM; 035° Burley	15,000	Daily SR–SS.
(c) Caldwell Industrial Arpt	20 NM; 269° Boise	17,500	5 NM radius. $^1/_2$ hour before SR–1 hour after SS.
Joslin Fld–Magic Valley Rgnl	0.1 NM; 359° Twin Falls	14,500	2 NM radius. May–Oct, weekends.
(c) McCall Muni Arpt, Smokejumper Base	8.55 NM; 012.41° Donnelly	9,500	8 NM radius. Apr–Oct, SR–SS daily.
(c) Star Skydiving Center	17 NM; 289° Boise	16,000	5NM radius. SR–2 hrs after SS daily.
	MONTANA		
Bozeman Yellowstone Intl	1 NM; 038° Bozeman	15,000	2 NM radius. Daily SR–SS.
(c) Butler Creek	19 NM; 300° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
Dornblaser Fld	5.2 NM; 124° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
(c) Grant Creek	1.5 NM; 057° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
(c) Helena, Ft Harrison AAF	6 NM; 265° Helena	14,500	2 NM radius. Daily 24 hrs. **Helena Rgnl ATCT-A/C (HLN) 118.3**.
(c) Kalispell, Carson Fld Arpt	28 NM; 238° Kalispell	14,000 AGL	2 NM radius. 0800–SS daily.
Kalispell, City Arpt	6 NM; 230° Kalispell	14,000 AGL	2 NM radius. 0800–SS daily.
(c) Laurel Muni Arpt	9 NM; 208° Billings	14,500	2 NM radius. Daily SR–SS.
Livingston, MIssion Fld	1 NM; 010° Livingston	14,500	2 NM radius. Daily SR–SS.
(c) Missoula Intl Arpt	1.4 NM; 319° Missoula	1,500 AGL	0.5 NM radius. May–Sep daily SR–SS, Oct–Apr occasional use.
Nine Mile R.S.	17 NM; 293° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
(c) Raser Ranch	2 NM; 357° Missoula	3,000 AGL	0.5 NM radius Occasional use.
Roundup Arpt	40 NM; 351° Billings	14,500	Weekends SR–SS.
(c) Six Mile	15 NM; 304° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
(c) Stevensville Arpt	25 NM; 166° Missoula	14,000	1 NM radius. Wed and weekends SR–SS.
(c) Stoney Creek	17 NM; 300° Missoula	2,000 AGL	0.5 NM radius. Occasional use.
Three Forks Arpt	18 NM; 275° Bozeman	14,500	2 NM radius. Daily SR–SS.
University Campus	5 NM; 112° Missoula	12,500 AGL	0.5 NM radius. Occasional use.
West Yellowstone, Yellowstone Arpt	60 NM; 034° DuBois	1,500 AGL	June–Sep.
	OREGON		
(c) Albany, Northwest Parachute Club	18 NM; 032° Corvallis	18,000	2 NM radius. SR–1 hr after SS Wed–Sun. Occasional hours Mon–Tue.
(c) Creswell, Hobby Fld.	15 NM; 125° Eugene	15,000	5 NM radius. SR–SS Daily. **Mahlon Sweet Fld Twr-TRACON 119.6**.
(c) Estacada, Beaver Oaks Arpt	25 NM; 076° Newberg	13,000 AGL	1.5 NM radius. 0800–2300 Daily.
(c) Harrisburg, Daniels Fld Arpt.	11 NM; 025° Eugene	13,000 AGL	5 NM radius. 1200–SS Daily, 0800–SS Weekends and Holidays.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
(c) Hermiston Muni Arpt	16 NM; 286° Pendleton	15,000	2 NM radius. SR–SS weekends. Occasional hours weekdays.
(c) Madras, Madras Muni Arpt	44-40-16 N 121-11-05 W	13,000	3 NM radius. Continuous SR-SS. Seattle Center 126.15.
(c) Medford, Beagle Sky Ranch Arpt	5 NM; 350° Rogue Valley	14,000	Daily SR–2200.
(c) Mollala, Skydive Oregon Arpt	19 NM; 110° Newberg	14,500	5 NM radius. 0800–2200, Daily. Portland Intl Twr 118.1
(c) Portland, Mulino State Arpt	18 NM: 095° Newberg	12,500	2 NM radius. 1000–SS, Daily. **Portland Intl Twr 118.1**.
	WASHINGTON		
(c) Coupeville NOLF	5 NM; 110° Penn Cove	12,500	2 NM radius. Occasional use.
Fort Lewis, Abrams Drop Zone	7.5 NM; 207° McChord	1,000	1 NM radius. Occasional use.
Fort Lewis, Anzio Drop Zone	9 NM; 167° McChord	10,000	0.3 NM radius. Occasional use.
Fort Lewis, Dakto Drop Zone	7.5 NM; 182° McChord	1,000	0.3 NM radius. Occasional use.
Fort Lewis, Darby Drop Zone	8.5 NM; 097° Olympia	10,000	0.5 NM radius. Occasional use.
Fort Lewis, El Guettar Drop Zone	7.5 NM; 092° Olympia	10,000	0.3 NM radius. Occasional use.
Fort Lewis, Gray AAF (Joint Base Lewis-McChord) Drop Zone	6 NM; 217° McChord	10,000	1 NM radius. Occasional use.
Fort Lewis, Marion Drop Zone	11 NM; 197° McChord	10,000	1 NM radius. Occasional use.
(c) Fort Lewis, Merrill Drop Zone	9 NM; 092° Olympia	10,000	0.5 NM radius. Occasional use.
Fort Lewis, Mytkina Drop Zone	10 NM; 065° Olympia	1,000	1 NM radius. Occsional use.
Fort Lewis, Point Salinas Drop Zone	7.5 NM; 208° McChord	10,000	1 NM radius. Occasional use.
Fort Lewis, Pointe De Hoc Drop Zone	11.5 NM; 199° McChord	10,000	0.25 NM radius. Occasional use.
(c) Fort Lewis, Rogers Drop Zone	7 NM; 162° McChord	10,000	0.5 NM radius. Occasional use.
Fort Lewis, Solo Drop Zone	6.5 NM; 252° McChord	10,000	1 NM radius. Occasional use.
(c) Lake Chelan Airport	At field	10,000	5 NM radius. 0700-2100.
(c) Larson/Rainer Drop Zone	17 NM; 217° Moses Lake	3,000	Continuous. Personnel and hvy equip. **Grant Co Intl Twr 126.4**.
Monroe, First Air Fld	14 NM; 091° Paine	12,500	0.5 NM radius. Daily SR–SS.
(c) Pullman/Moscow Rgnl Arpt.	8 NM; 025° Pullman	13,000	Daily, SR–SS.
(c) Ritzville, West Plains Skydiving Drop Zone	36 NM; 207° Spokane	15,000	2 NM radius. SR–SS weekends, 1700–SS weekdays. Heavy use Apr–Nov. **Grant Co Intl Twr 126.4. Seattle ARTCC 126.1**.
(c) Shelton, Sanderson Fld Arpt	19 NM; 309° Olympia	14,000	2 NM radius. Daily 0800–2300.
(c) Snohomish, Harvey Fld	7 NM; 078° Paine	15,000	2 NM radius. Continuous.
(c) Snohomish, Harvey Fld	8 NM; 075° Paine	15,000	1 NM radius. Continuous.
(c) Spokane, Hayford Drop Zone	12 NM; 340° Spokane	10,000	0.5 NM radius. Occasional use.
(c) Tacoma, McChord Field (Joint Base Lewis–McChord)	28 NM, 181° Seattle	1,500 AGL	Weekends and occasional nights.
(c) Tekoa, Willard Fld	31 NM; 110° Spokane	12,500	1 NM radius. Daily.
(c) Toledo, Ed Carlson Mem Fld–South Lewis Co	30 NM; 150° Olympia	12,500	5 NM radius. Continuous.

Contained within this tabulation, and listed alphabetically by airport name, are all private–use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Cabaniss Fld NOLF, TX (NGW) Corpus App/Dep Con 125.4 307.9 Navy Cabaniss Tower 119.65 299.6 (Mon–Thu 1400–0500Z‡, Fri 1400–0100Z‡)	L–20H, 21A
Fentress NALF, VA (NFE) Oceana App/Dep Con 123.9 266.8	H–10I, 12I, L–35D
Fry, OH (ØOH8) Columbus App/Dep Con 118.425	L–27E
Gila Bend AF AUX, AZ (GXF) Luke App/Dep Con 125.45 263.125 (South) (Mon–Thu 1300–0530Z, Fri 1300–0130Z, clsd weekends and hol)	H–4J, L–5B
Glasgow Industrial, MT (Ø7MT) Salt Lake Center App/Dep Con 126.85 305.2	H–1E, 2G, L–13D
Joe Williams NOLF, MS (NJW) Meridian App/Dep Con 276.4 Bravo Tower 118.475 279.2 355.8 (Mon–Fri 1400–2330Z‡)	H–6J, L–18G
Oak Grove MCOLF, NC (13NC) Cherry Point App/Dep Con 119.35 377.175	L–35B
Shell AHP, AL (SXS) Cairns App/Dep Con 133.45 239.275 (24 hrs Tue–Sat, 1200–0500Z‡ Sun–Mon) other times ctc Jax Center App/Dep Con 134.3 322.55 Shell Tower 139.125 244.5 (1230–0600Z‡ Mon–Fri, exc hol)	L–22I
USAF Academy Bullseye Aux Airfield, CO (CO9Ø) ASOS 125.0	L–10F
Webster NOLF, MD (NUI) Patuxent App/Dep Con 121.0 250.3 Navy Webster Tower 126.2 358.0 (Mon–Fri, exc hol, other times on request, 1400–2200Z‡ or SS, whichever occurs first) For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866–640–4124	H–10I, 12I, L–34E, 36I
Whitehouse NOLF, FL (NEN) Jax Center App Con 127.775 377.075 Jax Center Dep Con 127.775 379.9 Whitehouse Tower 125.15 307.325 340.2 (Manned during scheduled operations only)	H–8H, L–21D, 24G
William P Gwinn, FL (Ø6FA) Palm Beach App/Dep Con 317.4 Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡) Gnd Con 121.65 279.25	H–8I, L–23C

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX) ATIS 119.8 (1500–0700Z‡) Victoria Trml App/Dep Con 132.7 (Avbl on ground) Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500–0700Z‡) Gnd Con 121.8 MF 119.4 295.0 (0700–1500Z‡) (Shape irregular to 4500´)	H–1B, L–12F
Amos/Magny, QC (CYEY) Montreal Center App/Dep Con 125.9	H–11B
Atikokan Muni, ON (CYIB) MF 122.3 (5 NM to 4500´ No ground station)	L–14I
Barrie–Orillia (Lake Simcoe Rgnl), ON (CYLS) Toronto Center App/Dep Con 124.025	H–11B, L–31D
Bar River, ON (CPF2) Toronto Center App/Dep Con 132.65	L–31C
Bathurst, NB (CZBF) Moncton Center App/Dep Con 134.25 AWOS 127.925	L–32J
Boundary Bay, BC (CZBB) ATIS 125.5 (1500–0700Z‡) Vancouver App/Dep Con 132.3 363.8 Tower 118.1 (Inner) 127.6 (Outer) (1500–0700Z‡) Gnd Con 124.3 MF 118.1 (0700–1500Z‡ to 2000´. Vancouver Trml 125.2 above 2000´. Shape irregular to 2500´.)	H–1B, L–1E
Brampton, ON (CNC3) Toronto Trml App/Dep Con 119.3	L–31D
Brandon Muni, MB (CYBR) Winnipeg Center App/Dep Con 132.25 MF 122.1 (5 NM to 4000´)	H–2H

CANADA

FACILITY NAME	CHART & PANEL
Brantford, ON (CYFD) Toronto Trml App/Dep Con 128.27	L–31D
Brockville Rgnl Tackaberry ON (CNL3) Montreal Center App/Dep Con 134.675	L–32G
Bromont, QC (CZBM) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400´)	L–32G
Burlington Executive, ON (CZBA) Toronto Center App/Dep Con 119.3 AUTO 122.55	L–31D
Castlegar/West Kootenay Rgnl, BC (CYCG) Vancouver Center App/Dep Con 134.2 227.3 MF 122.1 (5 NM to 6500´)	H–1C
Centralia/James T. Fld Muni, ON (CYCE) Toronto Center App/Dep Con 135.30	H–10G, 11B, L–31D
Charlottetown, PE (CYYG) Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200´)	H–11E, L–32J
Chatham–Kent, ON (CYCK) Cleveland Center App/Dep Con 132.25	H–10G, L–30G
Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02	H–11B, L–31D
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L–32G
Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100´)	H–1C
Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2	H–11E, L–32J
Digby, NS (CYID) Moncton Center App/Dep Con 123.9	L–32J
Downsview, ON (CYZD) Toronto Center App/Dep Con 133.4 MF 126.2 (1300–2300Z‡, 3 NM to 1700´)	H–11B, L–31E
Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35	L–32H
Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800´)	H–11B
Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4	L–31C
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L–14H
Fredericton Intl, NB (CYFC) ATIS 127.55 (1045–0345Z‡, OT AWOS) Moncton Center App/Dep Con 124.3 135.5 270.8 Tower 119.0 (1045–0345Z‡) Gnd Con 121.7 (1045–0345Z‡) MF 119.0 (0345–1045Z‡, 5 NM to 3500´)	H–11E, L–32I
Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3	H–11B, L–31D
Greenwood, NS (CYZX) ATIS 128.85 244.3 (1100–0000Z‡) App/Dep Con 120.6 335.9 Tower 119.5 236.6 324.3 Gnd Con 133.75 289.4 Clnc Del 128.025 283.9	H–11E, L–32J
Grimsby Air Park, ON (CNZ8) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	L–31E
Halifax/Shearwater, NS (CYAW) ATIS 129.175 308.8 (Ltd hrs) App/Dep Con 119.2 MF Shearwater Advisory 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1	H–11E, L–32J
Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 135.3 Tower 118.4 236.6 Gnd Con 121.9 275.8 Clnc Del 123.95	H–11E, L–32J
Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 119.7 Tower 125.0 Gnd Con 121.6	H–10H, 11B, L–11B
Kingston, ON (CYGK) ATIS 135.55 (1115–0400Z‡) Montreal Center App/Dep Con 135.05 (0400–1115Z‡) MF 122.5 (1115–0400Z‡ 5 NM to 3300´)	H–11C, L–31E, 32F

CANADA

FACILITY NAME	CHART & PANEL
Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200–0400Z‡) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200–0400Z‡) Gnd Con 121.8 MF 126.0 (0400–1200Z‡ 5 NM to 4000´) AWOS 125.1 (0400–1200Z‡)	H–11B, L–31D
Lachute, QC (CSE4) Montreal Center App Con 124.65 268.3 Montreal Center Dep Con 132.85 268.3	L–32G
La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5	H–11C
Langley, BC (CYNJ) ATIS 124.5 (1630–0230Z, DT 1530–0330Z) Victoria Trml App/Dep Con 132.7 290.8 Tower 119.0 (1630–0230Z, DT 1530–0330Z) Gnd Con 121.9 MF 119.0 (0230–1630Z, DT 0330–1530Z 3 NM to 1900´)	L–1E
Leamington, ON (CLM2) Detroit Approach App/Dep Con 134.3	L–30F
Lethbridge, AB (CYQL) ATIS 124.4 (1245–0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000´)	H–1D
Lindsay, ON (CNF4) Toronto Center App/Dep 134.25	L–31E, L–32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L–32J
London, ON (CYXU) ATIS 127.8 (1120–0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120–0345Z‡) Gnd Con 121.9 MF 119.4 (0345–1120Z‡ 5 NM to 3000´)	H–10G, 11B, L–30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L–31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L–32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500´. No gnd station. Excluding the portion S of the N shore of Riviere des Milles–Iles and 1 NM around Lac Agile Mascouche arpt.)	L–32G
Medicine Hat, AB (CYXH) ATIS 124.875 (1245–0345Z) MF 122.2 (1245–0345Z 5 NM to 5400´)	H–1D
Midland/Huronia, ON (CYEE) Toronto Center App/Dep 124.025	L–31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H–11E, L–32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H–11E, L–32J
Mont–Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L–32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App/ Dep Con 124.65 268.3 MF 119.1 (7 NM shape irregular to 2000´) (03–11Z (DT 02–10Z)) (emerg only 450–476–3141) VFR Advisory 134.15 GND 121.8 (11–03Z (DT 10–02Z)) TWR 119.1 (11–03Z (DT 10–02Z)) (emerg only 450–476–3142) GND Advisory 121.8 (03–11Z (DT 02–10Z)) (emerg only 450–476–3141)	H–11C, 12K, L–32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 126.9 132.85 268.3 Tower 119.3 119.9 124.3 (old port) 267.1 Gnd Con 121.0 121.9 275.8 Clnc Del 125.6 Apron 122.075 Montreal Trml Dep Con 120.42 (SE–S–SW) 124.65 (W–NW–NE) 268.3 VFR Advisory 134.15	H–11C, 12K, L–32G

CANADA

FACILITY NAME	CHART & PANEL
Montreal/St–Hubert, QC (CYHU) ATIS 124.9 (Apr–Oct Mon–Fri 1045–0500Z‡, Apr–Oct Sat–Sun 1045–0300Z‡, Nov–Mar Mon–Fri 1045–0400Z‡, Nov–Mar Sat–Sun 1045–0100Z‡) Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (VFR Arr North) 121.3 (VFR Arr South and East) (Apr–Oct Mon–Fri 1045–0500Z‡, Apr–Oct Sat–Sun 1045–0300Z‡, Nov–Mar Mon–Fri 1045–0400Z‡, Nov–Mar Sat–Sun 1045–0100Z‡) Gnd Con 126.4 (Apr–Oct Mon–Fri 1045–0500Z‡, Apr–Oct Sat–Sun 1045–0300Z‡, Nov–Mar Mon–Fri 1045–0400Z‡, Nov–Mar Sat–Sun 1045–0100Z‡) MF 118.4 (Apr–Oct Tues–Sat 0500–1045Z‡, Apr–Oct Sun–Mon 0300–1045Z‡, Nov–Mar Tues–Sat 0400–1045Z‡, Nov–Mar Sun–Mon 0100–1045Z‡) 5 NM shape irregular to 2000´) VFR Advisory 134.15 MIL 135.9 322.1 (438 Sqn Ops)	H–11C, L–32G
Muskoka, ON (CYQA) Timmins Radio App/Dep Con 122.3 MF 122.3 (5 NM to 3900´)	H–11B, L–31D
Nanaimo, BC (CYCD) ATIS 128.425 (1–877–517–2847)(1400–0500Z) Victoria Trml App/Dep 120.8 133.95 252.3 MF 122.1 291.8 1330–0530Z‡ (5 NM to 2500´)	H–1B, L–1E
North Bay, ON (CYYB) ATIS 124.9 (1130–0330Z‡) Toronto Center App/Dep 127.25 MF 118.3 (1130–0330Z‡ 7 NM to 5000´)	L–31E
Oshawa, ON (CYOO) ATIS 125.675 (1130–0330Z‡) Toronto Trml App/Dep Con 133.4 Tower 120.1 (1130–0330Z‡) Gnd Con 118.4 MF 120.1 (0330–1130Z‡ 5 NM to 3000´)	L–31E
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 127.7	L–31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 MF 122.3 (5 NM shape irregular to 2500) VFR Advisory Ottawa Trml 127.7	H–11C, L–32G
Ottawa/MacDonald–Cartier Intl, ON (CYOW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 Gnd Con 121.9 Clnc Del 119.4 Ottawa Dep Con 128.175	L–11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L–31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L–30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon–Fri 1300–2130Z‡, OT PPR)	H–11C, L–31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100)	H–1B
Peterborough, ON (CYPQ) Toronto Center App/Dep 134.25 MF 123.0 (5 NM to 3600´)	H–11B, L–31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H–1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500–0700Z‡) Vancouver Center App Con 128.6 (Outer) 352.7 Pitt Tower 126.3 (1500–0700Z‡) Gnd Con 123.8 Vancouver Center Dep Con 132.3 (South) 363.8 MF 126.3 (0700–1500Z‡) (3NM to 2500)	L–1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 Tower 118.65 236.6 Gnd Con 121.9 250.0	H–11D, L–32H
Riviere Du Loup, QC (CYRI) Montreal Center App/Dep Con 125.1 299.6	H–11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000´)	H–11B

CANADA

FACILITY NAME	CHART & PANEL
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400´)	H–11E, L–32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center App/Dep Con 134.375	H–10G, 11B, L–30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1130–0330Z‡) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1130–0330Z‡) Gnd Con 121.7 (1130–0330Z‡) MF 118.8 (0330–1130Z‡ 5 NM irregular shape to 3000´)	H–2K, L–31B
Sherbrooke, QC (CYSC) Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800´)	H–11D, L–32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L–31E, 32F
Southport, MB (CYPG) ATIS 120.85 (Mon–Fri 1400–2300Z‡ except holidays) Tower 126.2 384.2 (Mon–Fri 1400–2300Z‡ except holidays) Gnd Con 121.7 275.8	H–2H
Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025	L–31D
St. Catherines/Niagara District, ON (CYSN) ATIS 128.525 (1215–0200Z‡) Toronto Trml App/Dep Con 133.4 MF 123.25 (1215–0200Z‡ 5 NM to 3300´)	H–10H, 11B, L–31E
St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9	L–32H
St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900´ ASL)	H–32H, L–11D
St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr–Oct 1230–0230Z‡ Nov–Mar 1300–0200Z‡) Gnd Con 121.7	L–32G
Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000´) Clnc Del 121.8	H–31B, 10G, L–31D
Summerside, PE (CYSU) Moncton Center App/Dep Con 124.4 384.8	H–11E, L–32J
Thunder Bay, ON (CYQT) ATIS 128.8 (1100–0400Z‡) Winnipeg Center App/Dep Con 132.125 Tower 118.1 (1100–0400Z‡) Gnd Con 121.9 (1100–0400Z‡) App/Dep 119.2 MF 118.1 (0400–1100Z‡ 5 NM to 4000´)	H–2J, L–14J
Timmins/Victor M. Power, ON (CYTS) ATIS 124.95 Toronto Center App/Dep Con 128.3 MF 122.3 (5 NM to 4000´)	H–11B
Toronto/Buttonville Muni, ON (CYKZ) Toronto Trml App/Dep Con 133.4 MF 124.8 (No gnd station. 5 NM shape irregular 2000 ASL)	L–31E
Toronto/Billy Bishop Toronto City Airport, ON (CYTZ) ATIS 133.6 (1130–0400Z‡) App/Dep Con 133.4 Tower 118.2 119.2 (1130–0400Z‡) Gnd Con 121.7	L–31E
Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 133.1 App Con 132.8 124.475 125.4 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 121.9 121.65 119.1 Clnc Del 121.3 (1200–0400Z‡) Apron Coordinator 122.875 (122.825) Apron Tow Coordinator 136.525	H–11B, L–31D
Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4	H–11C, L–31E, 32F
Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0 or 122.35	H–11C, L–31E, 32F
Trois–Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 MF 122.35 (5 NM to 3200´)	H–11C, L–32H
Val–D'or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030–0325Z‡ 5 NM to 4000´)	H–11B

CANADA

FACILITY NAME	CHART & PANEL
Vancouver Intl, BC (CYVR) ATIS 124.6 App Con 128.6 128.17 (Outer) 133.1 134.225 (Inner) 352.7 Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Clnc Del 121.4	H–1B, L–1E
Victoria Intl, BC (CYYJ) ATIS 118.8 (1400–0800Z‡) App Con 125.95 Dep Con 133.85 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400–0800Z‡ OT ctc Kamloops 119.7) Clnc Del 126.4 (1400–0800Z‡)	H–1B, L–1E
Victoriaville, QC (CSR3) Montreal Center App Con 132.35	L–32H
Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3	L–32J
Wiarton, ON (CYVV) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700´)	H–11B, L–31D
Windsor, ON (CYQG) ATIS 134.5 (1130–0330Z‡) Detroit App/Dep Con 118.95 132.35 134.3 284.0 Tower 124.7 (1130–0330Z‡) Gnd Con 121.7 (1130–0330Z‡) MF 124.7 (0330–1130Z‡ 6 NM irregular shape to below 3000´) VFR Advisory Detroit App Con 134.3 AWOS 134.5 (0330–1130Z‡)	H–10G, L–8J
Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100´)	H–11E, L–32I

MEXICO

FACILITY NAME	CHART & PANEL
Abraham Gonzalez Intl/Ciudad Juarez Intl (MMCS/CJS) Juarez App Con 119.9 Juarez Tower 118.9	H–4L, L–6F
Del Norte Intl (MMAN) ATIS 127.55 (1300–0300Z‡) Monterrey App 119.75 120.4 Tower 118.6 Gnd 122.0 Clnc Del 123.75 (1200–0400Z‡)	H–7B, L–20G
Durango Intl (MMDO/DGO) ATIS 132.1 Tower 118.1 Durango Info 122.3	H–7A
General Abelardo L Rodriguez Intl/Tijuana Intl (MMTJ) ATIS 127.9 Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Tijuana Clnc Del 122.35 Tijuana Info 132.1	H–4I, L–4H
General Lucio Blanco Intl/Reynosa Intl (MMRX) Reynosa App Con 127.2 Reynosa Tower 118.8	H–7B, L–20H
General Mariano Escobedo Intl/Monterrey Intl (MMMY) Monterrey ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Dep Con 119.75 Monterrey Tower 118.1 Monterrey Gnd 121.9 Monterrey Clnc Del 123.75 (1200–0400Z‡) Monterrey Info 122.45	H–7B, L–20G
General R Fierro Villalobos Intl/Chihuahua Intl (MMCU) ATIS 127.9 (1300-0300Z‡) Chihuahua App Con 121.0 Chihuahua Tower 118.4	L–6I
General Rodolfo Sanchez Taboada Intl/Mexicali Intl (MMML) ATIS 127.6 (1400–0200Z‡) Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	H–4I, L–4J, 5A
General Servando Canales Intl/Matamoros Intl (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0	H–7C, L–21A
Plan De Guadalupe Intl/Saltillo Intl (MMIO/SLW) Saltillo App Con 127.4 Saltillo Tower 118.4	H–7B
Quetzalcoatl Intl/Nuevo Laredo Intl (MMNL/NLD) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	H–7B, L–20G
Torreon Intl (MMTC) App Con 119.6 Tower 118.5 Info 122.3	H–7A

PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing single direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC navaids.
7. Intersection names are spelled out.
8. Navaid and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two navaids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations “pressurized” and “unpressurized” for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. All Preferred IFR Routes are in effect continuously unless otherwise noted.
14. Use current SIDs and STARSs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [ ] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

SPECIAL LOW ALTITUDE DIRECTIONAL ROUTES

Terminals	Route	Effective Times (UTC)
TRAFFIC FROM NORTH TERMINATING AT MCMINNVILLE AURORA STATE & HILLSBORO, OR (17000 AND BELOW)		
SOUTHBOUND	LOATH V165 UBG	1400–0700
TRAFFIC FROM THE EUGENE, OR AREA (PROPS/TURBOPROPS; 17000 AND BELOW)		
NORTHBOUND	EUG V481 CVO V495 UBG	1400–0700
SOUTHBOUND	EUG V448 OED	1400–0700
TRAFFIC OVERFLYING THE PORTLAND, OR AREA (15000 AND BELOW)		
NORTHBOUND	UBG V165 OLM	1400–0700
SOUTHBOUND	OLM V165 UBG	1400–0700
TRAFFIC OVERFLYING THE SEATTLE, WA AREA (10000 TO 15000)		
EASTBOUND V4	SEA V2	1400–0700
SOUTHBOUND	NUW DIGGN V495 SEA HELNS–STAR	1400–0700
SOUTHBOUND	NUW JAWBN V495 ALDER BTG	1400–0700
SOUTHBOUND	NUW JAWBN V495 ALDER EUG	1400–0700
SOUTHBOUND	PAE SEA V495 ALDER EUG	1400–0700
SOUTHBOUND V165	V495	1400–0700
SOUTHBOUND V23	V165 DIGGN V495	1400–0700
TRAFFIC OVERFLYING THE SEATTLE, WA AREA (9000 AND BELOW)		
EASTBOUND	HQM SANDR V27 SEA V2 ELN	
EASTBOUND	NUW JAWBN V4 SEA V2 ELN	1400–0700
NORTHBOUND	OLM V165 DIGGN	1400–0700

Terminals	Route	Effective Times (UTC)
SOUTH/SOUTHWEST BND	NUW DIGGN V165 UBG	1400–0700
SOUTH/SOUTHWEST BND	V165	1400–0700
SOUTHBOUND	DIGGN V165 OLM	1400–0700
SOUTHBOUND	PAE V287 OLM	1400–0700
WESTBOUND	YKM V298 SEA	1400–0700
TRAFFIC OVERFLYING THE SEATTLE, WA AREA LANDING IN PDX AREA (10000 TO 15000)		
SOUTHBOUND V165	V495 SEA HELNS–STAR	1400–0700
SOUTHBOUND V23	V165 DIGGN V495 SEA HELNS–STAR	1400–0700
TRAFFIC OVERFLYING THE SEATTLE, WA AREA LANDING IN PDX AREA (9000 AND BELOW)		
SOUTHBOUND	NUW DIGGN V165 LOATH BTG	1400–0700

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
BOISE(BOI)		
CHICAGO(ORD)	(FL240 AND ABOVE–JETS)DPR J16 MCW JANESVILLE–STAR or DPR J16 MCW ZZIPR FYTTE (RNAV)–STAR	
PORTLAND(PDX)		
BURBANK(BUR)	(FL240 AND ABOVE; ALL RNAV)JOGEN Q7 AVE HIHWY ROKKR (RNAV)–STAR	
CHICAGO(ORD)	(FL240 AND ABOVE; ALL RNAV)PDT J16 MCW ZZIPR FYTTE (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PDT J16 HIA BZN BIL J34 BAE PORZL KKISS (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PDT J16 HIA BZN BIL J34 BAE PORZL RKCTY (RNAV)–STAR	
HOUSTON(HOU)	(FL240 AND ABOVE; ALL RNAV)IMB J15 BOI MTU HBU PNH MQP ELLVR NNEAL KIDDZ (RNAV)–STAR	
HOUSTON(IAH)	(FL240 AND ABOVE; ALL RNAV)(IAH WEST FLOW)IMB J15 BOI MTU HBU PNH MQP DRLLR (RNAV)–STAR or (FL240 AND ABOVE; ALL RNAV)(IAH EAST FLOW)IMB J15 BOI MTU HBU PNH MQP GUSHR (RNAV)–STAR	
LONG BEACH(LGB)	(FL240 AND ABOVE; TURBOJETS)SMIGE Q9 REBRG PCIFC (RNAV)–STAR	
LOS ANGELES(LAX)	(FL240 AND ABOVE)JOGEN Q7 JAGWA BURGL IRNMN (RNAV)–STAR	
ONTARIO(ONT)	(FL240 AND ABOVE)PAWLI Q11 PUSHH PASKE OYVEY GLRNO (RNAV)–STAR	
SAN DIEGO(SAN)	PAWLI Q11 PAAGE HUULK COMIX (RNAV)–STAR	
SANTA ANA(SNA)	(FL240 AND ABOVE)SMIGE Q9 REBRG OHSEA (RNAV)–STAR	
VAN NUYS(VNY)	SMIGE Q9 REBRG IVINS (RNAV)–STAR	
SEATTLE(BFI)		
BURBANK(BUR)	(FL240 AND ABOVE)SUMMA Q9 REBRG ROKKR (RNAV)–STAR	
LONG BEACH(LGB)	(FL240 AND ABOVE)SUMMA Q9 REBRG PCIFC (RNAV)–STAR	
LOS ANGELES(LAX)	(FL240 AND ABOVE)SUMMA JINMO Q7 JAGWA BURGL IRNMN (RNAV)–STAR	
OAKLAND(OAK)	(FL240 AND ABOVE)JJAMM ELMAA HISKU Q5 HUPTU SPAMY WNDSR (RNAV)–STAR	1300–0600
ONTARIO(ONT)	(FL240 AND ABOVE)SUMMA PAAGE Q11 PUSHH PASKE LANDO PMD ZIGGY–STAR	
PALM SPRINGS(PSP)	(FL240 AND ABOVE)SUMMA PAAGE PUSHH PASKE OYVEY SIZLR (RNAV)–STAR	
SAN DIEGO(SAN)	(FL240 AND ABOVE)SUMMA PAAGE Q11 PASKE HUULK COMIX (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
SAN FRANCISCO(SFO)	(FL240 AND ABOVE)JJAMM ELMAA ERAVE Q1 ETCHY MLBEC BDEGA (RNAV)–STAR	1300–0600
SAN JOSE(SJC)	(FL240 AND ABOVE)JJAMM ELMAA FAMUK Q3 FINER CHBLI BRIXX (RNAV)–STAR	1300–0600
SANTA ANA(SNA)	(FL240 AND ABOVE)SUMMA Q9 REBRG OHSEA (RNAV)–STAR	
SANTA MONICA(SMO)	(FL240 AND ABOVE)SUMMA Q9 SUNBE FRA REBRG BONJO (RNAV)–STAR	
VAN NUYS(VNY)	(FL240 AND ABOVE)SUMMA Q9 SUNBE FRA REBRG IVINS (RNAV)–STAR	
SEATTLE(SEA)		
ANCHORAGE(ANC)	(16,000 AND ABOVE; ALL RNAV)(NORTHBOUND)ARRIE FOCHE PRYCE BKA LAIRE JOH or (16000 AND ABOVE)(NORTHBOUND)PANGL YZT J502 ANN J195 BKA LAIRE J133 HUMPY JOH	
BEDFORD(BED)	HANKK Q935 PONCT EEGUL ZELKA (RNAV)–STAR	
BOSTON(BOS)	HANKK Q935 PONCT JFUND (RNAV)–STAR	
BURBANK(BUR)	(FL240 AND ABOVE)SUMMA Q9 REBRG ROKKR (RNAV)–STAR	
CHICAGO(ORD)	(FL240 AND ABOVE; ALL RNAV)NORMY J90 HLN RECAP DPR J16 FSD ZZIPR FYTTE (RNAV)–STAR	
CLEVELAND METRO(CLE,CGF,BKL,LNN,LPR)	(RNAV TURBOJET)BAE OLYEE BRWNZ (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)NORMY J70 BAE PORZL RKCTY (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)NORMY J70 BAE PORZL RKCTY (RNAV)–STAR	
HOUSTON(HOU)	(FL240 AND ABOVE; RNAV TURBOJETS)SUMMA J54 BKE BOI J15 JNC ALS PNH MQP ELLVR NNEAL KIDDZ (RNAV)–STAR	
HOUSTON(IAH)	(FL240 AND ABOVE; ALL RNAV)(IAH EAST FLOW)SUMMA J54 BKE BOI J15 JNC ALS PNH MQP GUSHR (RNAV)–STAR or (FL240 AND ABOVE; ALL RNAV)(IAH WEST FLOW)SUMMA J54 BKE BOI J15 JNC ALS PNH MQP DRLLR (RNAV)–STAR	
LONG BEACH(LGB)	(FL240 AND ABOVE)SUMMA Q9 REBRG PCIFC (RNAV)–STAR	
LOS ANGELES(LAX)	(FL240 AND ABOVE)SUMMA JINMO Q7 JAGWA BURGL IRNMN (RNAV)–STAR	
NEW YORK(JFK)	(FL240 AND ABOVE)NORMY J90 HLN J34 ODI J30 BRIBE J90 OBK J584 CRL J554 JHW J70 LVZ LENDY SIX–STAR	
NEWARK(EWR)	(FL240 AND ABOVE)NORMY J90 ABR J70 GEP DLL J34 CRL J584 SLT FQM WILLIAMSPORT–STAR	
OAKLAND(OAK)	(FL240 AND ABOVE; ALL RNAV)HAROB Q5 HUPTU SPAMY WNDSR (RNAV)–STAR	1300–0600
ONTARIO(ONT)	(FL240 AND ABOVE)SUMMA PAAGE Q11 PASKE OYVEY GLRNO (RNAV)–STAR	
SAN DIEGO(SAN)	(FL240 AND ABOVE)SUMMA PAAGE Q11 PASKE HUULK COMIX (RNAV)–STAR	
SAN FRANCISCO(SFO)	(FL240 AND ABOVE; ALL RNAV)ERAVE Q1 ETCHY MLBEC BDEGA (RNAV)–STAR	1300–0600
SAN JOSE(SJC)	(FL240 AND ABOVE; ALL RNAV)FEPOT Q3 FINER CHBLI BRIXX (RNAV)–STAR	1300–0600
SANTA ANA(SNA)	(FL240 AND ABOVE)SUMMA Q9 REBRG OHSEA (RNAV)–STAR	
VAN NUYS(VNY)	SUMMA Q9 REBRG IVINS (RNAV)–STAR	
SPOKANE(GEG)		
CHICAGO(ORD)	(FL240 AND ABOVE; ALL RNAV)MLP J70 LWT MLS J204 DPR J16 MCW ZZIPR FYTTE (RNAV)–STAR	

SPECIAL HIGH ALTITUDE DIRECTIONAL ROUTES

Terminals	Route	Effective Times (UTC)
TRAFFIC ARRIVING SALT LAKE CITY TERMINAL AREA		
EAST OVER OCS	OCS BRIGHAM CITY–STAR	
NORTH OVER DBS	DBS BRIGHAM CITY–STAR	
NORTH OVER JAC	PIH BEARR–STAR	
NORTHEAST OVER JAC	JAC BRIGHAM CITY–STAR	
NORTHWEST OVER BYI	BYI BEARR–STAR	

HIGH ALTITUDE—SINGLE DIRECTION ROUTES

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
Q1	ELMAA, WA to POINT REYES, CA	S BND	1300–0600
Q3	FEPOT, WA to POINT REYES, CA	S BND	1300–0600
Q5	HAROB, WA to STIKM, CA	S BND	1300–0600
Q7	JINMO, WA to AVENAL, CA	S BND	1300–0600
Q9	SUMMA, WA to REBRG, CA	S BND	1300–0600
Q11	PAAGE, WA to LOS ANGELES, CA	S BND	1300–0600

GULF OF MEXICO "Q ROUTES"

These area navigation routes extend more than 12 miles off shore in airspace controlled by the Federal Aviation Administration (FAA). Additional regulatory information for these routes can be found in the Notices to Airmen Publication, Part 2, International Notices to Airmen.

These routes have a Minimum Obstruction Clearance Altitude (MOCA) of 1500 feet (MSL). The Minimum Enroute Altitude (MEA) for these routes is 6000 feet (MSL).

Q100

LEV VORTAC	
REDFN	N28°52.98'/W088°42.11'
NAITE	N28°42.64'/W088°05.00'
ROZZI	N28°18.87'/W086°42.31'
REMIS	N27°53.04'/W085°15.47'
SRQ VOR/DME	

Q102

LEZ VORTAC	
BLVNS	N28°22.94'/W088°02.05'
BUNNZ	N28°00.58'/W086°45.76'
BACCA	N27°35.51'/W085°20.66'
CIGAR	N27°29.61'/W084°46.99'
BAGGS	N27°08.06'/W082°50.45'
CYY VOR/DME	

Q105

HRV VORTAC	
FATSO	N29°41.40'/W089°47.08'
REDFN	N28°52.98'/W088°42.11'
BLVNS	N28°22.94'/W088°02.05'

Q–ROUTES REGULATORY

Q1, Q3, Q5, Q7, Q9 and Q11 are preferred single direction (Southbound) Q routes; flight planning Northbound not authorized.

Q routes are RNAV routes that require the use of GNSS or DME/DME/IRU RNAV, unless otherwise indicated. Please note that this section does not apply to Q routes in the Gulf of Mexico.

GNSS and DME/DME/IRU RNAV operations are authorized along Q routes at FL 180 and above. GNSS and DME/DME/IRU RNAV MEAs will only be published if above FL 180.

DME facilities that have been assessed for RNAV operations are listed below. Q routes with no DME facilities listed are limited to GNSS RNAV operations only. Those routes will have an enroute chart note "GNSS REQUIRED".

Route	Segment	DME
Q1	POINT REYES–ETCHY	LIN, ECA, RBL, SAC, OAK, PYE
	ETCHY–TOCOS	RBL, PYE, SAC, OAK, LIN, ECA, ENI
	TOCOS–ENVIE	OED, RBL, ENI, PYE
	ENVIE–ELENN	RBL, LMT, OED
	ELENN–EBINY	LMT, OED, CVO, EUG, RBL
	EBINY–EASON	CVO, DSD, OED, BTG, UBG, ONP, EUG, LMT
	EASON–ERAVE	SEA, BTG, OLM, HQM, LTJ, CVO, DSD, OED, UBG, ONP, EUG
	ERAVE–ELMAA	BTG, OLM, HQM, UBG, HUH
Q2	BOILE–HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, EED, BZA, GBN,
	HEDVI–HOBOL	BZA, GBN, BLH, EED, PXR, IPL, TFD, DRK, TUS
	HOBOL–ITUCO	TFD, GBN, BLH, PXR, TUS, CIE, SSO
	ITUCO–NEWMAN	EWM, TFD, PXR, CIE, SSO, TUS, TCS
Q3	FEPOT–FAMUK	OLM, TOU, HQM, CVO, BTG, DSD, LTJ, UBG, ONP, EUG
	FAMUK–FRFLY	BTG, DSD, OED, CVO, EUG, ONP, UBG, RBL, LMT
	FRFLY–FINER	OED, EUG, RBL, LMT, ENI, CVO, FJS
	FINER–FOWND	OED, PYE, ECA, LIN, OAK, ENI, RBL, LMT, SAC, FJS
	FOWND–POINT REYES	LIN, ECA, PYE, RBL, SAC, ENI
Q4	BOILE–HEDVI	HEC, PDZ, OCN, PMD, LAX, RZS, IPL, TRM, PKE, BLH, BZA, EED, GBN
	HEDVI–SCOLE	EED, BLH, BZA, GBN, TRM, IPL, TFD

Route	Segment	DME
	SCOLE–SPTFR	EED, BLH, BZA, GBN, TRM, IPL, TFD
	SPTFR–ZEBOL	EED, IPL, BZA, GBN, TFD, PXR, BLH
	ZEBOL–SKTTR	PXR, BLH, BZA, GBN, TFD, TUS, SSO, CIE, SVC, TCS
	SKTTR–EL PASO	EWM, CUS, SVC, TCS, SSO, CIE, ELP, DMN, CME
Q5	HAROB–HISKU	OLM, ONP, CVO, EUG, HQM, UBG, BTG, LTJ, DSD, HUH
	HISKU–HARPR	ONP, CVO, EUG, LTJ, DSD, UBG, BTG, RBL, OED, LMT, FJS, LKV
	HARPR–HOMEG	CVO, EUG, OED, RBL, LMT, ENI, FJS, LKV
	HOMEG–HUPTU	SAC, PYE, LIN, OAK, ECA, LMT, RBL, ENI, OED, FJS
	HUPTU–STIKM	OAK, ECA, PYE, LIN, SAC, ENI, RBL
Q7	JINMO–JOGEN	CVO, HQM, LTJ, UBG, BTG, ONP, IMB, EUG, OLM, DSD, YKM, PDT, SEA
	JOGEN–JUNEJ	LTJ, IMB, UBG, EUG, CVO, RBL, LMT, FMG, DSD, LKV, OED, BTG
	JUNEJ–JAGWA	RBL, LMT, FMG, LIN, SAC, ECA, ENI, MOD, SWR, OAK, LKV, CZQ, AVE, SNS
	JAGWA–AVENAL	OAK, MOD, ECA, EHF, PRB, AVE, SNS, CZQ
Q9	SUMMA–SMIGE	OLM, UBG, SEA, YKM, BTG, ONP, IMB, HQM, PDT, EUG, LTJ, CVO, DSD, OED, EPH, MWH
	SMIGE–SUNBE	IMB, UBG, EUG, IMB, RBL, LMT, FMG, SAC, OED, CVO, LKV, DSD, BTG
	SUNBE–REBRG	RBL, LMT, FMG, SAC, ECA, MVA, CZQ, OAK, EHF, PMD, LKV, LIN, MOD, AVE, OED, SWR
	REBRG–DERBB	CZQ, PMD, EHF, LAX, RZS, AVE, MOD, ECA
Q11	PAAGE–PAWLI	EPH, UBG, CVO, EUG, HQM, YKM, OLM, PDT, BTG, ONP, IMB, LTJ, DSD, LKV, OED, SEA
	PAWLI–PITVE	EUG, FMG, SAC, IMB, LKV, OED, DSD, RBL, LMT, CVO, REO
	PITVE–PUSHH	FMG, SAC, LIN, SWR, MOD, OAL, RBL, LKV, LMT, MVA, CZQ
	PUSHH–LOS ANGELES	SAC, ECA, FMG, LIN, OAL, MOD, EHF, LAX, PMD, PDZ, HEC, OCN, CZQ, AVE, RZS
Q13	All segments	GNSS required
Q15	All segments	GNSS required
Q19	NASHVILLE–PLESS	BNA, BWG, CSX, ENL, FAM, GQO, IIU, PXV, STL
	PLESS–ST LOUIS	AXC, CSX, ENL, FAM, PXV, SPI, STL, UIN
	ST LOUIS–DES MOINES	ALO, AXC, CID, CSX, DSM, ENL, FAM, FOD, LOW, IRK, LMN, OVR, SPI, STL, UIN
	DES MOINES–SIOUX FALLS	ALO, CID, DSM, FOD, FSD, LOW, IRK, LMN, MCW, ONL, OVR, RWF
	SIOUX FALLS–ABERDEEN	ABR, FAR, FOD, FSD, ONL, RWF
Q20	CORONA–HONDS	CNX, ABQ, ACH, ONM, TXO, LVS, TCC, CME
	HONDS–UNNOS	CNX, INK, CME, TXO, TCC
	UNNOS–FUSCO	FST, ACH, INK, CME, SJT, TXO, TCC
	FUSCO–JUNCTION	ABI, CWK, CSI, INK, LZZ, JCT, SJT, STV, FST
Q21	JONEZ–RAZORBACK	BYP, EOS, TUL, TXK, ADM, RZC, OKM
Q22	GUSTI–OYSTY	AEX, LFT, LLA, VUH, LCH
	OYSTY–ACMES	LEV, HRV, PCU, ROR, MCB
	ACMES–CATLN	BFM, HRV, CEW, GCV, MCB
	CATLN–TWOUP	CEW, MGM, MVC, SJI, MEI
	TWOUP–SPARTANBURG	PDK, MCN, AHN, GOO, ODF
	SPARTANBURG–NYBLK	CAE, SPA, IRQ, SUG, ODF
	NYBLK–MASHI	SPA, BZM, GRD, CLT, GSO
	MASHI–KIDDO	SPA, BZM, GRD, CLT, GSO
	KIDDO–OMENS	SBV, LIB, PSK, GSO, RDU
	OMENS–BEARI	GVE, FAK, PSK, RIC, RDU
Q23	FORT SMITH–RAZORBACK	OKM, RZC, EOS, TUL
Q24	SAN ANTONIO–MOLLR	LFK, STV, AGJ, PSX, CWK, SAT, DAS, CSI, JCT, ELA, TNV
	MOLLR–LAKE CHARLES	LFK, LCH, PSX, AEX, DAS, ELA, TNV
	LAKE CHARLES–FIGHTING TIGER	AEX, DAS, LCH, MCB, LFT, LSU
	FIGHTING TIGER–IRUBE	AEX, LEV, MCB, LCH, RQR, HRV, LSU, GCV, PCU, SJI, LBY
	IRUBE–PAYTN	GCV, MCB, JYU, PCU, MEI, HRV, CEW, SJI
Q25	MEEOW–WALNUT RIDGE	ELD, MEM, LIT, FAM, RZC, EIC, TXK, ARG, GQE
	WALNUT RIDGE–WLSUN	MEM, STL, BWG, PXV, ENL, FAM, ARG, BNA, CSX, TTH
	WLSUN–POCKET CITY	BWG, PXV, ENL, BNA, TTH
Q26	WALNUT RIDGE–DEVAC	LIT, JKS, GQO, MEM, BNA, FAM, ARG, DYR, VUZ, RMG
Q27	FORT SMITH–ZALDA	OKM, SGF, RZC, EOS, TUL
Q28	GRAZN–PYRMD	EIC, LIT, ELD, OKM, TXK
	PYRMD–HAKAT	ARG, LIT, FAM, ELD, SGF, RZC, MEM, TXK

Route	Segment	DME
	HAKAT–ESTEE	ARG, LIT, FAM, SGF, MEM
	ESTEE–POCKET CITY	ARG, CSX, FAM, PXV, ENL, MEM, STL, BWG, TTH, BNA
Q29	HARES–BAKRE	AEX, EIC, ELD, LIT, MEM, MHZ, SQS, SWB, TXK
	BAKRE–MEMPHIS	ARG, ELD, LIT, MEM, MHZ, SQS
	MEMPHIS–OMDUE	ARG, BNA, FAM, LIT, MEM, PXV, SQS
	OMDUE–SIDAE	ARG, BNA, BWG, ENL, FAM, IIU, MEM, PXV
	SIDAE–CREEP	APE, BNA, BWG, ENL, FLM, FWA, IIU, OKK, PXV, ROD, TTH, VHP
	CREEP–KLYNE	PAE, CRL, DJB, DXO, FLM, FWA, IIU, OKK, ROD, VHP
	KLYNE–DUTSH	APE, CRL, CXR, DJB, DXO, FWA
	DUTSH–WWSHR	APE, CRL, CXR, DJB, DXO, EWC
	WWSHR–DORET	APE, CRL, CXR, DJB, DXO, EWC
	DORET–JAMESTOWN	BUF, CXR, DJB, DKK, DXO, ETG, EWC, JHW, PSB, SLT
	JAMESTOWN–HANKK	BFD, BUF, DKK, ELZ, ETG, EWC, GEE, HNK, JHW, PSB, ROC, SLT, SYR, TDT
	HANKK–GONZZ	BUF, DKK, GEE, HNK, HUO, ITH, JHW, MSS, ROC, SLT, SYR
	GONZZ–KRAZZ	BUF, GFL, GGT, HNK, HUO, MSS, PUT, SYR
	KRAZZ–NIPPY	GFL, HNK, HUO, MSS, PUT, SYR
	NIPPY–CABCI	BGR, BTV, ENE, GFL, MPV, MSS, PUT
	CABCI–EBONY	AUG, BGR, ENE, MLT, MPV, MSS, PNN, PQI
	EBONY–DUNOM	BGR, MLT, PNN
	DUNOM–US CANADIAN BORDER	BGR, MLT, PNN
Q30	SIDON–VULCAN	GLH, MEM, VUZ, JAN, JYU, MEI, MGM, SQS, RMG
Q31	DHART–JODOX	SQS, LIT, TXK
	JODOX–MARVELL	SQS, LIT, ELD, MEM, ARG
	MARVELL–TIIDE	ARG, BWG, PXV, FAM, LIT, MEM, ENL, TTH
	TIIDE–POCKET CITY	BWG, PXV, ENL, TTH
Q32	EL DORADO–GAGLE	AEX, JAN, MEM, SQS, SWB, ELD, LIT, TXK
	GAGLE–CRAMM	JAN, SQS, MEM, ARG, VUZ, BNA, LIT
	CRAMM–NASHVILLE	BWG, MEM, VUZ, BNA, GQO
	NASHVILLE–SWAPP	BWG, IIU, PXV, VXV, BNA, GQO
Q33	DHART–LITTLE ROCK	AEX, ELD, LIT, TXK, SWB, ARG, MEM, SQS
	LITTLE ROCK–PROWL	ELD, SGF, FAM, LIT, ARG, MEM, RZC, CSX, STL
Q34	TEXARKANA–MATIE	LIT, SWB, TXK, BYP, EIC, ELD, SQS
	MATIE–MEMPHIS	LIT, ARG, MEM, ELD, SQS
	MEMPHIS–SWAPP	BWG, ARG, MEM, MKL, SQS, PXV, BNA, GQO, IIU, VXV
Q35	DRAKE–CORKR	TFD, INW, GCN, FLG, PGS, DRK, BLD, BCE, TBC
	CORKR–WINEN	DRK, INW, PGS, TBC, MLF, ILC, BLD, BCE, CDC
	WINEN–NEERO	BCE, MLF, CDC, ELY, DTA, ILC, BVL, REO, BAM, SDO, BQU
	NEERO–KOATA	REO, LKV, BOI, PDT, BAM, IMB, DSD
	KOATA–KIMBERLY	LKV, REO, PDT, DSD, LTJ
Q36	RAZORBACK–TWITS	RZC, MEM, SGF, BUM, TUL, EOS, FAM, ARG, LIT
	TWITS–DEPEC	MEM, GQO, BNA, BWG, FAM, ARG, PXV, IIU
	DEPEC–NASHVILLE	GQO, BWG, BNA, PXV, IIU
	NASHVILLE–SWAPP	VXV, BWG, BNA, GQO, PXV, IIU
Q37	FORT STOCKTON–CAVRN	SJT, ELP, INK, CME, FST
	CAVRN–YORUB	TXO, ELP, CME, INK, FST, SJT
	YORUB–IMMAS	CME, ABQ, TXO, ACH, FTI, CNX, TCC, CIM, INK
	IMMAS–PUEBLO	FTI, CIM, ALS, PUB, LAA, HGO, FQF, DVV, DEN, BVR, BJC, AKO, ACH, TCC, TXO, CNX
Q38	ROKIT–INCIN	DAS, LCH, SWB, IAH, LFK, HUB, AEX
	INCIN–LAREY	JAN, MCB, SWB, AEX
	LAREY–BESOM	JAN, JYU, MEI, SQS, VUZ
Q39	CLAWD–TARCI	AIR BKW GSO HNN HVQ PSK RDU SPA
	TARCI–ASERY	AIR HVQ BKW HNN
Q40	ALEXANDRIA–DOOMS	LCH, SWB, AEX, MCB, HEL
	DOOMS–WINAP	JAN, SWB, AEX, MCB, HEZ
	WINAP–MISLE	JAN, SQS, MEI, MCB
	MISLE–BFOLO	LDK, VUL, OKW, MEL, JYU
	BFOLO–NIOLA	LGC, VUZ, GOO, RMG, GAD
	NIOLA–JAARE	ATL, ODF, GOO, RMG, VXV
	JAARE–OJESS	SPZ, ODF, GOO, SOT, VXV

Route	Segment	DME
	OJESS–ALEAN	SPA, ODF, HMV, SOT, VXV
	ALEAN–FEEDS	BLF, BKW, HMV, GZG, GSO
	FEEDS–MAULS	BLF, BKW, LWB, ROA, GSO
	MAULS–FANPO	FAK, RIC, MOL, GVE, CSN
Q42	KIRKSVILLE–STRUK	CID, IOW, UIN, LMN, IRK, BDF, STL, DEC, ENL, CSX
	STRUK–DANVILLE	ENL, IOW, UIN, BDF, DEC, STL, CSX, SPI, TTH, BVT, JOT, VHP, OXI, ENL, OKK, OBK, GIJ, FWA, GSH, IRK
	DANVILLE–MUNCIE	GIJ, SPI, BDF, OBK, OKK, VHP, BVT, DEC, GSH, FWA, JOT, TTH, OXI, ROD, FLM
	MUNCIE–HIDON	FLM, VHP, GSH, TTH, GIJ, OKK, FWA, ROD, OXI, CRL, GSH, APE, DJB, DXO, HNN, AIR, HVQ, CXR, EWC
	HIDON–BUBAA	AIR, APE, HNN, CXR, HVQ, EWC, DJB
	BUBAA–PSYKO	AIR, APE, DJB, CXR, HNN, EWC, SLT, CSN, JHW, ETG, PSB
	PSYKO–BRNAN	PSB, JHW, EWC, AIR, ETG, CSN, EMI, SLT
	BRNAN–HOTEE	SLT, PSB, THS, ETG, RAV, THS, HAR, SEG, LRP, EMI
	HOTEE–MIKYG	RAV PSB LRP EMI RBV PTW HNK HUO SIE HNK SAX
	MIKYG–SPOTZ	FJC SIE CYN LRP SAX JFK PTW ETX EMI
	SPOTZ–ZIMMZ	BWZ SAX CYN ETX HNK
Q50	LOUISVILLE–HELUB	HYK, FLM, IIU, ABB, EWO, BWG
	HELUB–ENGRA	HYK, FLM, IIU, LOZ, BWG, VXV
	ENGRA–IBATE	HYK, FLM, IIU, LOZ, AZQ, VXV
	IBATE–CUBIM	AZQ, FLM, IIU, LOZ, VXV
Q52	CHOPZ–IPTAY	ODF, RMG, MCN, AHN, IRQ
	IPTAY–AWYAT	IRQ, CLT, SPA, GRD, CAE
	AWYAT–COLZI	BZM, RDU, SPA, PSK, GSO
Q54	GREENWOOD–NYLLA	IRQ, SPA, CAE, GRD, ELW, FLO, ODF
	NYLLA–CHYPS	CAE, IRQ, GRD, SPA, CLT, CTF, FLO, GSO
	CHYPS–AHOEY	CAE, SPA, GSO, CLT, RDU, FLO
	AHOEY–RAANE	SPA, FLO, GSO, RDU, SDZ, CTF
	RAANE–NUTZE	ILM, SDZ, RDU, TYI, FLO, LIB, ORF, GSO, ISO, FAY
Q56	SAN ANTONIO–MOLLR	LFK, STV, AGJ, PSX, CWK, SAT, DAS, CSI, JCT, ELA, TNV
	MOLLR–PEKON	LFK, LCH, PSX, AEX, DAS, ELA, TNV
	PEKON–HARVEY	LCH, AEX, DAS, LEV, HRV, MCB
	HARVEY–SEMMES	SJI, CEW, GCV, LEV, MCB, HRV
	SEMMES–CATLN	MEI, MGM, SJI, CEW, GCV
	CATLN–KBLER	LGC, IRQ, RMG, ODF, MEI, MGM, SJI, CEW, GRD, MCN, ATL, VUZ, GCV
	KBLER–KELLN	ODF, SPA, CAE, GRD, IRQ, ATL, MCN, LGC, RMG
	KELLN–KTOWN	ODF, GSO, SPA, CAE, FLO, GRD, IRQ
	KTOWN–BYSCO	RDU, GSO, SPA, CAE, FLO, GRD, PSK
	BYSCO–JOOLI	RDU, GSO, FLO, PSK
	JOOLI–NUUMN	RDU, GSO, PSK
	NUUMN–ORACL	FAK, RDU, GSO, PSK, RIC
	ORACL–KIWII	FAK, RDU, GSO, GVE, PSK, RIC
Q58	KELLN–GLOVR	FLO, GRD, GSO, ODF, CAE, CLT, SPA, ELW, IRQ, RDU, ODF, LIB
	GLOVR–LUMAY	FLO, GSO, RDU, LIB, CLT, SPA, SDZ
	LUMAY–STUKI	FLO, GSO, RDU, LIB, SDZ, PSK
	STUKI–PEETT	FAK, PSK, GSO, RDU, RIC, LIB, SBV, GVE
Q60	SPARTANBURG–BYJAC	GRD, RDU, SUG, CLT, GSO, ODF, PSK, CAE, SPA, LIB, BZM, IRQ
	BYJAC–EVING	RDU, GSO, PSK, LIB
	EVING–LOOEY	RDU, GSO, PSK, GVE, SBV, FAK, LIB
	LOOEY–JAXSN	RDU, GSO, RIC, PSK, GVE, SBV, FAK
Q62	WATSN–DAIFE	OKK, OXL, BVT, GIJ, GRR, GSH, FWA
	DAIFE–NOLNN	GSH, BVT, OKK, OXI, ROD, CRL, FWA, GIJ, DXO, GRR, PMM
	NOLNN–WEEVR	DXO, GIJ, DJB, ROD, FWA
	WEEVR–PSKUR	APE, VWV, DJB, ROD, CRL, GSH, SKY, DXO, CXR, DJB, MFD
	PSKUR–FAALS	CRL CXR DJB SKY APE DXO EWC MFD AIR ACO BSV YNG ACO
	FAALS–ALEEE	YNG ACO EWC DJB AIR
	ALEEE–QUARM	CXR JHW EWC DJB AIR ETG CIP PSB MMJ
	QUARM–BURNI	PSB JHW TON JST EWC PSB SLT REC ETG
	BURNI–MCMAN	SEG ETG TON SLT EMI
	MCMAN–VALLO	SEG, PSB, TON, SLT, EMI

Route	Segment	DME
	VALLO–RAVINE	SEG MIP RAV SLT EMI HAR ETG PSB
	RAVINE–SUZIE	SAX, EMI, RBV, MIP, PSB, LRP, ETG, PTW
	SUZIE–SARAA	LRP, SIE, SAX, PTW, ETX
Q63	DOOGE–HAPKI	GZG VXV AZQ BKW HVQ
	HAPKI–TONIO	HVQ VXV AZQ FLM HNN
	TONIO–OCASE	HYK IIU CVG FLM
	OCASE–HEVAN	ROD IIU CVG RID VHP
Q64	CATLN–FIGEY	AHN, ATL, CAE, CEW, CSG, ELW, GRD, IRQ, JYU, LGC, MCN, MEL, MGM, MVC, ODF, PZD, RMG, SJI, SPA, TGE
	FIGEY–GREENWOOD	AHN, CAE, ELW, GRD, IRQ, MCN, ODF, SPA
	GREENWOOD–DARRL	CAE, CLT, ELW, FLO, GRD, GSO, IRQ, ODF, SPA
	DARRL–IDDAA	CAE, CLT, CTF, FLO, GRD, GSO, IRQ, LIB, RDU, SDZ, SPA
	IDDAA–TAR RIVER	CTF, FAK, FAY, FLO, GSO, ILM, LIB, ORF, RDU, RIC, SDZ, SPA, TYI
Q65	MGNTY–DOFFY	OMN, SRQ, LAL, ORL, CRG, PIE
	DOFFY–FETAL	OMN, LAL, OTK, ORL, CRG, AMG, PIE
	FETAL–ENEME	OMN, OTK, CRG, AMG
	ENEME–JEFOI	OTK, CRG, SAV, MCN, AMG
	JEFOI–TRASY	AMG, CRG, MCN, OTK, PZD, SAV
	TRASY–CESKI	AMG, MCN, OTK, PZD, SAV, IRQ
	CESKI–DAREE	ODF GRD HRS VXV RMG
	DAREE–LORNN	ODF GQO HRS VXV RMG
	LORNN–SOGEE	BWG, IIU, LOZ, VXV, FLM
	SOGEE–ENGRA	BWG IIU LOZ HYK FLM
	ENGRA–OCASE	CVG IIU FLM HYK
	OCASE–ROSEWOOD	FWA DQN FLM ROD APE
Q66	LITTLE ROCK–CIVKI	ELD, PBF, ARG, MEM
	CIVKI–RICKX	GOE, UJM, LIT, ARG, MEM
	RICKX–TROVE	SQS, HLI, VUZ, BNA, MEM
	TROVE–BAZOO	VXV, SYI, GOO, BNA, BWG
	BAZOO–METWO	VXV, LVT, GOO, HCH, BWG
	METWO–MXEEN	VXV, LVT, GOO, HCH, BNA
	MXEEN–ALEAN	VXV, FLM, GOO, HCH, BWG
Q67	SMTTH–CEMEX	GQO, IIU, BWG, FLM, ODF, VXU
	CEMEX–IBATE	GQO, IIU, FLM, VXV
	IBATE–TONIO	IIU, FLM, BKW, VXU
	TONIO–JONEN	IIU, FLM, BKW, HNN, HVQ, VXV
	JONEN–DARYN	GQO, IIU, BWG, FLM, ODF, VXV
Q68	LITTR–SOPIE	SQS, MEM, BNA, LIT, ARG, ELD, PXV
	SOPIE–BOWLING GREEN	BWG, MEM, BNA, IIU, ARG, PXV
	BOWLING GREEN–YOCKY	BWG, IIU, BNA, FLM, PXV
	YOCKY–SPAYD	HVQ, IIU, FLM, LWB, HNN, BKN
	SPAYD–CHARLESTON	HVQ, FLM, LWB, ZZV, HNN, PSK, BKW
	CHARLESTON–TOMCA	FLM, HNN, BKW, HVQ, AIR, PSK, EKN
	TOMCA–RONZZ	AIR, HNN, EKN, HVO, BKW, PSK, GVE
	RONZZ–HHOLZ	AIR, GVE, EKN, HVO, BKW, CSN, HNN, PSK
	HHOLZ–HAMME	CSN, GVE, FAK, ESL, LDN, BKW, EKN, HVO
	HAMME–CAPOE	CSN, EMI, FAK, ESL, LDN, GVE, RIC, AML, BKW, EKN
	CAPOE–OTTTO	LDN, EMI, GVE, ESL, RIC, CSN, AML
Q69	VIYAP–OLBEC	AMG, CRG, SAV
	OLBEC–ISUZO	AMG, CHS, CRG, SAV
	ISUZO–GURGE	AMG, CAE, CHS, CRG, IRQ, SAV
	GURGE–BLAAN	AMG, CAE, CHS, FLO, GRD, IRQ, SAV, SPA
	BLAAN–EMCET	CAE, CHS, FLO, IRQ, SPA, GRD
	EMCET–RYCKI	FAK, CAE, CHS, FLO, GRD, GSO, IRQ, PSK, RDU, SPA
	RYCKI–LUNDD	FAK, GSO, PSK, RDU
	LUNDD–ILLSA	FAK, GSO, HVQ, PSK, RDU
	ILLSA–EWESS	BKW, GSO, GVE, HNN, HVQ, PSK
	EWESS–RICCS	AIR, BKW, GVE, HNN, HVQ, PSK
Q70	HAILO–LAS VEGAS	BLD, BTY, EED, LAS
	LAS VEGAS–IFEYE	BLD, EED, LAS, PGS

Route	Segment	DME
	IFEYE–BLIPP	BLD, ILC, EED, LAS, PGS
	BLIPP–EEVUN	BLD, ILC, CDC, LAS, PGS, MLF
	EEVUN–BLOBB	BLD, ILC, CDC, MLF, PGS
	BLOBB–BAWER	BCE, ILC, MLF
	BAWER–SAKES	FFU, DVC, BCE, ILC, DTA, HVE, JNC, PUC, MTU
Q71	BOBBD–ATUME	FLM, AZO, BKW, VXV
	ATUME–HAPKI	FLM, AZO, BKW, VXV, HVQ
	HAPKI–KONGO	HNN, AZO, BKW, GZG, HVQ
	KONGO–WISTA	HNN, HVQ, BKW, PSK
	WISTA–GEFFS	HNN, HVQ, BKW, AIR
	GEFFS–EMNEM	AIR, BKW, EWC, HNN, HVQ
	EMNEM–PSYKO	AIR, ETG, EWC, PSB, SLT
	PSYKO–PHILIPSBURG	AIR, EMI, ETG, EWC, JHW, PSB, SLT
Q72	HACKS–GEQUE	AIR, CKB, APE, HVQ, JPU, EKN, BKW, HNN, MGW
	GEQUE–BENSH	AIR, EKN, MGW, HVQ, CKB, ESL, CSN, GVE, LDN, EMI, HNN, BKW
	BENSH–RAMAY	AML, EMI, GVE, MRB, CSN, MGW, ESL, AIR, LDN, EK
Q73	HAKMN–ZZYZX	BLD, EED, GOG, LAS, PKE
	ZZYZX–CORDU	PGS, BLD, EED, PKE, GOG, LAS
Q74	NATEE–BOULDER CITY	PGS, BLD, EED, LAS
	BOULDER CITY–ZAINY	ILC, BCE, PGS, BLD, EED, LAS
	ZAINY–FIZZL	ILC, BCE, PGS, BLD, CDC, LAS, MLF
	FIZZL–GARDD	BCE, PGS, BLD, MLF, TBC
	GARDD–DEANN	BCE, PGS, HVE, TBC
Q75	ENEME–TEUFL	AMG, CRG, OTK, SAV
	TEUFL–TEEEM	AMG, CRG, IRQ, MCN, SAV, OTK
	TEEEM–SHRIL	AMG, CAE, CHS, GRD, IRQ, MCN, SAV
	SHRIL–FISHO	CAE, CHS, GRD, IRQ, SAV, AMG
	FISHO–ILBEE	CAE, CHS, FLO, GRD, IRQ, SAV, SPA
	ILBEE–SLOJO	CAE, FLO, GRD, GSO, IRQ, SPA
	SLOJO–GREENSBORO	CAE, FLO, GRD, GSO, IRQ, PSK, RDU, SPA
	GREENSBORO–BROSK	RDU, GSO, PSK
	BROSK–DRAIK	FAK, GSO, RDU, GVE, PSK, RIC
	DRAIK–GORDONSVILLE	FAK, GSO, RDU, GVE, PSK, RIC, CSN
	GORDONSVILLE–HAMMZ	EMI, FAK, GVE, RIC, CSN
	HAMMZ–TOOBN	EMI, FAK, GVE, RIC, CSN
	TOOBN–MURPH	EMI, FAK, RBV, GVE, RIC, SIE, CSN
	MURPH–SACRI	EMI, RBV, CYN, SIE, CSN
	SACRI–STOEN	EMI, RBV, CYN, SAX, SIE, CSN
	STOEN–MODENA	EMI, RBV, CYN, SAX, SIE, JFK
	MODENA–COPES	EMI, HUO, RBV, CYN, SAX, SIE, JFK
	COPES–BIGGY	EMI, HUO, RBV, CYN, SAX, JFK, SIE
	BIGGY–SOLBERG	HUO, HNK, RBV, CYN, SAX, JFK, SIE
	SOLBERG–JERSY	HTO, HUO, HNK, RBV, CYN, SAX, JFK, SIE
	JERSY–DUEYS	HTO, HUO, HNK, RBV, CYN, SAX, JFK
	DUEYS–BIZEX	HTO, HUO, HNK, RBV, CYN, SAX, PUT, JFK
	BIZEX–GREKI	HTO, HUO, HNK, RBV, CYN, SAX, PUT, JFK, PVD
	GREKI–NELIE	HTO, HUO, HNK, RBV, BOS, SAX, JFK, PUT, PVD
	NELIE–SWALO	HTO, HUO, BOS, SAX, LFV, PUT, JFK, PVD
	SWALO–BOSTON	HTO, BOS, ACK, ENE, LFV, PUT, PVD
	BOSTON–COPLY	BOS, ACK, ENE, LFV, PUT, PVD
Q77	OCTAL–MATLK	OMN, PHK, SRQ, VKZ, PBI, LAL, FLL, ORL, TRV, DHP, PIE
	MATLK–STYMY	OMN, PHK, SRQ, PBI, LAL, ORL, TRV, PIE
	STYMY–WAKKO	OMN, PHK, SRQ, LAL, ORL, TRV, PIE
	WAKKO–MJAMS	OMN, PHK, SRQ, LAL, ORL, TRV, CRG, PIE
	MJAMS–ETORE	CRG, LAL, OMN, ORL, PIE, TRV.
	ETORE–SHRKS	AMG, CRG, OMN, ORL, OTK, PIE, SAV.
	SHRKS–TEUFL	AMG, CRG, MCN, OMN, OTK, SAV.
	TEUFL–WIGVO	AMG, CAE, CRG, IRQ, MCN, OTK, SAV.
Q78	MARUE–DUGGN	BLD, DRK, EED, LAS, PGS, PKE, TBC

Route	Segment	DME
	DUGGN–TOADD	ZUN, BCE, BLD, DRK, FLG, INW, LAS, PGS TBC, PKE
Q79	MCLAW–VAULT	PHK, DHP, EYW, FLL, VKZ, ZBV
	VAULT–FEMID	PHK, DHP, EYW, FLL, VKZ, ZBV, PBI, PIE, SRQ
	FEMID–WULFF	PHK, EYW, LAL, ORL, PBI, PIE, SRQ, TRV, ZBV, DHP, FLL, VKZ
	WULFF–MOLIE	PHK, LAL, ORL, PIE, SRQ, TRV, DHP, FLL
	MOLIE–DOFFY	CRG, LAL, OMN, ORL, PIE, SRQ, OTK.
	DOFFY–EVANZ	ORL, CRG, LAL, PIE, OTK, SZW, OMN
	EVANZ–IISLY	CRG, SZW, OTK, AMG
	IISLY–YUESS	CRG, MCN, AMG, SZW, OTK
	YUESS–ATLANTA	AMG, ATL, GQO, LGC, MCN, ODF, OTK, PZD, RMG, SZW
Q80	FAREV–JEDER	BWG, IIU, FLM, VXV, LOZ, HYK
	JEDER–ENGRA	HYK, IIU, FLM, VXV, LOZ, AZQ, BWG
	ENGRA–DEWAK	HVQ, IIU, FLM, AZQ, HNN, ECB, BKW, LOZ, VXV, HYK
	DEWAK–CEGMA	ECB, BKW, FLM, AZQ, HNN, HVQ
	CEGMA–JONEN	ECB, BKW, AZQ, HNN, FLM, HVQ
	JONEN–BULVE	ECB, HVQ, FLM, BKW, HNN, AZQ
	BULVE–WISTA	ECB, HVQ, BKW, HNN, FLM
	WISTA–LEVII	HNN, HVQ, FLM, BKM, PSK, AIR, EKN
	LEVII–RONZZ	HNN, HVQ, AIR, EKN, PSK, BKW, FLM, GVE
	RONZZ–HHOLZ	GVE, HVQ, AIR, EKN, BKW, CSN, PSK, HNN
	HHOLZ–HAMME	GVE, ESL, CSN, EKN, BKW, FAK, LDN, HVQ, AIR
	HAMME–CAPOE	EMI, ESL, CSN, FAK, LDN, GVE, RIC, AML, BKW, EKN
	CAPOE–OTTTO	LDN, EMI, GVE, ESL, RIC, CSN, AML
Q81	TUNSL–KARTR	ZBV, PHK, DHP, EYW, VKZ, FLL
	KARTR–FIPES	ZBV, PHK, DHP, EYW, FLL, VKZ
	FIPES–THMPR	PHK, DHP, EYW, FLL, LAL, PIE, SRQ, VKZ, ZBV
	THMPR–LEEHI	PHK, FLL, LAL, PIE, SRQ, DHP
	LEEHI–FARLU	LAL, ORL, PIE, SRQ
	FARLU–MGNTY	SRQ, LAL, ORL, PIE
	MGNTY–ENDEW	SRQ, LAL, ORL, PIE
	ENDEW–BITNY	SRQ, LAL, ORL, PIE
	BITNY–NICKI	OMN, SZW, SRQ, LAL, OTK, ORL, CRG, PIE
	NICKI–SNAPY	SZW, OMN, OTK, CRG, PIE
	SNAPY–BULZI	SZW, OMN, OTK, CRG
	BULZI–IPOKE	SZW, OTK, CRG, AMG
	IPOKE–HONID	SZW, OTK, CRG, MCN, LGC, AMG
Q82	WWSHR–DORET	AIR, APE, CRL, CXR DJB, DKK, DXO, EWC JHW, SLT
	DORET–JAMESTOWN	BUF, CXR, DJB, DKK ETG, EWC, JHW, PSB, SLT
	JAMESTOWN–WAYLA	BUF, CXR, DKK, ETG, EWC JHW, PSB, SLT, SYR
	WAYLA–VIEEW	BUF, DKK, ETG, HNK JHW, PSB, SLT, SYR
	VIEEW–MEMMS	BUF, ETG, HNK, JHW SAX, SLT, SYR
	MEMMS–LOXXE	HNK, HUO, SAX, SLT, SYR
	LOXXE–PONCT	HNK, HUO, SAX, SLT, SYR
Q83	JEVED–ROYCO	AMG, CHS, CRG, SAV
	ROYCO–TAALN	AMG, CHS, CRG, SAV
	TAALN–KONEY	AMG, CAE, CHS, SAV
	KONEY–WURFL	AMG, CAE, CHS, IRQ, SAV
	WURFL–JUSEE	AMG, CAE, CHS, FLO, GRD, IRQ, SAV
	JUSEE–EFFAY	CAE, CHS, FLO, GRD, IRQ, SAV, SPA
	EFFAY–SLOJO	CAE, CHS, FLO, GRD, GSO, IRQ, SPA
Q84	JAMESTOWN–AUDIL	BUF, DKK, ETG, EWC, HNK, JHW, MSS, PSB, SAX, SLT, SYR
	AUDIL–PUPPY	BUF, HNK, MSS, SAX, SYR
	PUPPY–PAYGE	HNK, MSS, PUT, SAX, SYR
	PAYGE–CAMBRIDGE	HNK, MSS, PUT, SAX, SYR
Q85	LPERD–BEEGE	OMN, ORL, SAV, CRG, AMG, CHS
	BEEGE–GIPPL	SAV, CRG, AMG, CHS
	GIPPL–ROYCO	CHS, AMG, CRG, SAV
	ROYCO–IGARY	CHS, AMG, CAE, CRG, SAV
	IGARY–PELIE	CHS, CAE, FLO, SAV

Route	Segment	DME
	PELIE–BUMMA	CHS, RDU, CAE, FLO, ILM
	BUMMA–KAATT	CHS, RDU, CAE, FLO, ILM
	KAATT–SMPRR	CHS, RDU, FLO, ILM
Q86	TTRUE–YORRK	BLD, BLH, EED, IPL, PKE
	YORRK–SCHLS	BLD, DRK, EED, PGS, PKE
	SCHLS–CUTRO	BLD, DRK, EED, PGS, TBC
	CUTRO–VALEQ	DRK, INW, PGS, TBC
	VALEQ–PLNDL	DRK, INW, PGS, TBC
Q87	PEAKY–GOPEY	PHK, DHP, EYW, FLL, VKZ, ZBV
	GOPEY–GRIDS	PHK, DHP, EYW, FLL, PBI, TRV, VKZ, ZBV
	GRIDS–TIRCO	PHK, DHP, EYW, FLL, PBI, PIE, SRQ, TRV, VKZ, ZBV, LAL, ORL
	TIRCO–MATLK	ORL, PHK, DHP, FLL, PBI, PIE, SRQ, TRV, LAL, OMN
	MATLK–ONEWY	LAL, PHK, OMN, DHP, FLL, PBI, PIE, SRQ, TRV, ORL
	ONEWY–ZERBO	LAL, ORL, PHK, OMN, CRG, PIE, TRV
	ZERBO–DUCEN	ORL, OMN, CRG, PIE, TRV, LAL, AMG
	DUCEN–OVENP	OMN, LAL, ORL, CRG, AMG
	OVENP–FEMON	OMN, LAL, ORL, CRG, AMG
	FEMON–VIYAP	OMN, OTK, ORL, CRG, SAV, AMG, CHS
	VIYAP–SUSYQ	OMN, SAV, CRG, AMG, CHS
	SUSYQ–TAALN	FLO, SAV, CRG, AMG, CHS
	TAALN–JROSS	AMG, CHS, CAE, SAV
	JROSS–RAYVO	AMG, CHS, CAE, FLO, IRQ, SAV
	RAYVO–HINTZ	CHS, CAE, FLO, ILM
	HINTZ–REDFH	CHS, CAE, FLO, ILM, RDU
	REDFH–LCAPE	CHS, CAE, FLO, ILM, RDU, GSO
Q88	HAKMN–ZZYZX	BLD, EED, GOG, LAS, PKE
	ZZYZX–LAKRR	PGS, BLD, EED, GOG, LAS, PKE
	LAKRR–NOOTN	PGS, ILC, BCE, BLD, CDC, EED, LAS, PKE
	NOOTN–GARDD	PGS, ILC, BCE, BLD, LAS, MLF, TBC
	GARDD–VERKN	PGS, BCE, BLD, HVE, MLF, TBC
	VERKN–PROMT	BCE, HVE, TBC
	PROMT–CHESZ	PUC, JNC, BCE, DVC, HVE, TBC
	CHESZ–SINRY	PUC, JNC, DVC, HVE, MTJ
	SINRY–ZAKRY	JNC, CHE, DBL, DVC, MTJ
	ZAKRY–YAMPA	JNC, AKO, BJC, CHE, CYS, DBL, DEN, DVV, FQF, GLL, RLG, SNY, BFF
	YAMPA–BICAR	AKO, BFF, BJC, CYS, DEN, FQF, GLL, SNY, DVV
	BICAR–CHUWY	AKO, BFF, CYS, GLL, SNY, HCT, DEN, DVV
	CHUWY–KEEFF	HCT, AKO, BFF, CYS, RAP, SNY, GLL, MCK
	KEEFF–GUDDY	ABR, HCT, BFF, DPR, ONL, RAP, SNY
	GUDDY–VIVID	ABR, DPR, ONL, RAP
	VIVID–JOYCC	ABR, DPR, FSD, ONL
	JOYCC–DKOTA	ABR, DPR, FAR, FSD, ONL, RWF
Q89	MANLE–WAKUP	GNV, OMN, LAL, PIE, TRV, ORL
	WAKUP–PRMUS	GNV, ORL, AMG, OMN, CRG, PIE, LAL, TRV
	PRMUS–OVENP	ORL, AMG, CRG
	OVENP–SHRKS	ORL, AMG, OMN, CRG, OTK, SAV
	SHRKS–YANTI	GNV, ORL, AMG, OMN, CRG, MCN, OTK, PZD, SAV
	YANTI–ATLANTA	AMG, ATL, GQO, IRQ, LGC, MCN, ODF, OTK, PZD, RMG, SAV
Q90	DNERO–ESGEE	BLD, EED, LAS, PGS, PKE
	ESGEE–AREAF	BLD, BLH, DRK, LAS, PGS, PKE, EED
	AREAF–JASSE	FLG, BCE, BLD, DRK, INW, PGS, TBC
	JASSE–NAVJO	DVC, INW, GUP, TBC, BCE, HVE, RSK, DRK, PGS
	NAVJO–YAMHA	GUP, DVC, HVE, INW, RSK, TBC
	YAMHA–DAAYE	MTJ, GUP, DVV, ALS, RSK, DEN, DVC, HGO, TBC, HVE, HBU, FQF, BJC, PUB
	DAAYE–SKWYR	AKO, ALS, BJC, DEN, DVV, FQF, GLD, HBU, HGO, LAA, PUB, GCK, GLL
	SKWYR–HUSQA	AKO, DVV, FQF, GCK, GLD, HCT, HGO, HLC, LAA, LBL, MCK, PUB, BJC, DEN, SLN
	HUSQA–VARNE	GCK, GLD, HCT, HLC, MCK, OBH, SLN
	VARNE–ATIJA	HLC, ICT, LNK, MCK, OBH, PWE, SLN, STJ, OVR
	ATIJA–LEFAM	LMN, LNK, MCI, OBH, OVR, PWE, SLN, STJ

Route	Segment	DME
	LEFAM–BOVEY	DSM, LMN, LNK, MCI, OVR, PWE, SLN, STJ, IRK
	BOVEY–WELKY	DSM, FOD, IRK, LMN, LNK, MCI, OVR, PWE, STJ, CID, IOW, UIN
Q92	CHUWY–KUTCH	MCK, AKO, BFF, CYS, HCT, OBH, ONL, SNY, GLL
	KUTCH–WYYTE	MCK, HCT, LNK, OBH, ONL, SNY
	WYYTE–MAASI	MCK, FSD, LNK, OBH, ONL, OVR, PWE
	MAASI–HANKU	DSM, FOD, FSD, LNK, MCW, OBH, ONL, OVR, PWE, LMN
	HANKU–JORDY	ALO, CID, DSM, FOD, FSD, IOW, LMN, LNK, MCW, OVR, DBQ, IRK, PWE
Q93	MCLAW–VAULT	PHK, DHP, EYW, FLL, ZBV, VKZ
	VAULT–LINEY	PHK, DHP, EYW, FLL, VKZ, ZBV, PBI
	LINEY–FOBIN	PHK, DHP, EYW, FLL, PBI, ZBV, VKZ
	FOBIN–EBAYY	OMN, PHK, DHP, EYW, FLL, LAL, PBI, PIE, TRV, VKZ, ZBV, ORL
	EBAYY–MALET	OMN, PHK, DHP, FLL, LAL, ORL, PIE, TRV, PBI
	MALET–DEBRL	AMG, OMN, CRG, LAL, ORL, PIE, TRV
	DEBRL–KENLL	AMG, CRG, LAL, ORL, PIE, OMN
	KENLL–PRMUS	AMG, OMN, CRG, ORL
	PRMUS–WOPNR	CHS, AMG, OMN, CRG, ORL, SAV
	WOPNR–GIPPL	CHS, AMG, OMN, CRG, SAV
	GIPPL–SUSYQ	OMN, SAV, CRG, AMG, CHS
	SUSYQ–ISUZO	OMN, SAV, CRG, AMG, CHS
	ISUZO–GURGE	CAE, CRG, SAV, IRQ, AMG, CHS
	GURGE–FISHO	CAE, GRD, IRQ, SAV, AMG, CHS
	FISHO–QUIWE	CHS, AMG, CAE, FLO, GRD, IRQ, SAV, SPA
Q94	WELUM–MNGGO	PGS, DRK, BLD, EED, LAS, PKE
	MNGGO–ROOLL	PGS, DRK, BCE, FLG, LAS, TBC, PKE, BLD
Q96	PURSE–DODDL	BLD, EED, LAS
	DODDL–BFUNE	BLD, EED, LAS, PGS, PKE
	BFUNE–GUNTR	ILC, BLD, EED, LAS, PGS, PKE
	GUNTR–PIIXR	ILC, BLD, CDC, LAS, PGS
	PIIXR–FIZZL	ILC, BLD, CDC, LAS, MLF, PGS
	FIZZL–BAWER	BCE, ILC, BLD, MLF, PGS
	BAWER–ROCCY	BCE, ILC, DTA, HVE
	ROCCY–SARAF	BCE, ILC, DTA, HVE, PUC
	SARAF–KIMMR	BCE, HVE, JNC, MTU, PUC
Q97	TOVAR–EBAYY	ORL, ZBV, DHP, FLL, LAL, PHK, PIE, TRV, VKZ, OMN, PBI
	EBAYY–MALET	ORL, DHP, FLL, LAL, OMN, PHK, PIE, TRV, PBI
	MALET–DEBRL	AMG, ORL, CRG, LAL, OMN, PIE, TRV
	DEBRL–KENLL	AMG, ORL, CRG, LAL, PIE, OMN
	KENLL–PRMUS	AMG, ORL, CRG, OMN
	PRMUS–WOPNR	AMG, ORL, CRG, OMN, SAV
	WOPNR–JEVED	AMG, ORL, CRG, OMN, SAV
	JEVED–CAKET	AMG, CAE, CHS, CRG, SAV
	CAKET–ELMSZ	AMG, GSO, CAE, CHS, FLO, ILM, SAV
	ELMSZ–YURCK	GSO, CAE, CHS, FLO, ILM
	YURCK–ELLDE	GSO, RDU, CHS, FLO, ILM
Q98	HAKMN–ZZYZX	BLD, EED, GOG, LAS, PKE
	ZZYZX–LAKRR	PGS, BLD, EED, GOG, LAS, PKE
	LAKRR–DUZIT	PGS, BCE, BLD, EED, LAS, PKE
	DUZIT–EEEZY	PGS, BCE, BLD, DRK, LAS, TBC, HVE
	EEEZY–PEEWE	DVC, PGS, BCE, DRK, HVE, TBC, BLD
Q99	KPASA–DOFFY	OMN, SRQ, LAL, OTK, ORL, TRV, CRG, PIE
	DOFFY–CAMJO	OMN, SZW, LAL, OTK, ORL, CRG, AMG, PIE
	CAMJO–HEPAR	SZW, OMN, OTK, ORL, CRG, SAV, AMG
	HEPAR–TEEEM	AMG, CRG, IRQ, MCN, OTK, PZD, SAV
	TEEEM–BLAAN	AMG, CAE, CHS, FLO, GRD, IRQ, MCN, SAV, SPA
	BLAAN–BWAGS	CAE, CHS, FLO, GRD, SPA, IRQ
	BWAGS–EFFAY	CAE, CHS, GRD, IRQ, SPA, FLO
	EFFAY–WNGUD	CAE, CHS, FLO, GRD, GSO, IRQ, SPA, RDU
	WNGUD–POLYY	CAE, FLO, GSO, RDU, SPA
Q103	CYNTA–PUPYY	AMG, CRG, OMN, OTK, SAV

Route	Segment	DME
	PUPYY–RIELE	AMG, CHS, CRG, GRD, IRQ, OTK, SAV, CAE, MCN
	RIELE–GRONK	CAE, CHS, FLO, GRD, IRQ, MCN, SAV, SPA, AMG
	GRONK–EMCET	CAE, CHS, FLO, GRD, IRQ, SAV, SPA
	EMCET–SLOJO	CAE, CHS, FLO, GSO, IRQ, SPA, GRD
	SLOJO–PULASKI	HVQ, FAK, CAE, FLO, GRD, GSO, PSK, RDU, SPA, IRQ
	PULASKI–ASBUR	HVQ, FAK, GSO, HNN, PSK
	ASBUR–OAKLE	HVQ, FAK, BKW, HNN, PSK
	OAKLE–PERRI	HVQ, FAK, BKW, HNN, PSK
	PERRI–PERKS	HVQ, AIR, BKW, HNN, PSK, FAK
	PERKS–RICCS	HVQ, FAK, AIR, BKW, HNN
	RICCS–EMNEM	HVQ, APE, FAK, AIR, BKW, EWC, HNN
	EMNEM–AIRRA	HVQ, APE, AIR, CXR, ETG, EWC, JHW, PSB, DKK
Q104	ACORI–CABLO	MGM, CEW, LGC, OTK, PZD, SZW
	CABLO–HEVVN	MGM, CRG, CEW, OTK, PZD, SZW
	HEVVN–LEGGT	CRG, OTK, PIE, SZW
	LEGGT–PLYER	CRG, LAL, OTK, PIE, SZW
	PLYER–SWABE	CRG, LAL, ORL, PIE, SRQ
	SWABE–ENDEW	CRG, LAL, ORL, PIE, SRQ
	ENDEW–ST PETERSBURG	CRG, LAL, ORL, PIE, SRQ
Q109	KNOST–DEANR	OMN, SRQ, LAL, OTK, CRG, AMG, PIE
	DEANR–BRUTS	OMN, SZW, LAL, OTK, CRG, AMG, PIE
	BRUTS–EVANZ	SZW, OTK, CRG, PIE
	EVANZ–CAMJO	SZW, OMN, OTK, CRG, AMG, PIE
	CAMJO–HEPAR	AMG, CRG, OTK, PZD, SAV, SZW
	HEPAR–TEEEM	CHS, AMG, CRG, IRQ, MCN, OTK, PZD, SAV
	TEEEM–RIELE	CHS, AMG, CAE, IRQ, MCN, SAV
	RIELE–PANDY	CHS, AMG, CAE, FLO, GRD, IRQ, SAV
	PANDY–RAYVO	CHS, GSO, CAE, FLO, IRQ, SAV
	RAYVO–SESUE	CHS, GSO, CAE, FLO, ILM
	SESUE–BUMMA	CHS, GSO, CAE, FLO, ILM
	BUMMA–YURCK	CHS, GSO, CAE, FLO, ILM
	YURCK–LAANA	CHS, GSO, FLO, ILM, RDU
Q110	BLANS–BETIE	ARG, FAM, BNA, PXV, ENL, BWG, MEM
	BETIE–SKIDO	ARG, RMG, VUZ, BNA, BWG, GQO, PXY, MEM
	SKIDO–BFOLO	LGC, RMG, VUZ, BNA, GQO
	BFOLO–JYROD	ATL, LGC, RMG, VUZ, MGM, GQO
	JYROD–DAWWN	ATL, LGC, RMG, MCN, VUZ, SZW, MGM, OTK
	DAWWN–JOKKY	LGC, MCN, SZW, OMN, MGM, OTK, AMG
	JOKKY–AMORY	OMN, SZW, LAL, OTK, AMG, ORL, PIE
	AMORY–SMELZ	OMN, LAL, ORL, OTK, PIE, SRQ, TRV
	SMELZ–SHEEK	SRQ, OMN, PHK, TRV, LAL, ORL, PIE
	SHEEK–JAYMC	DHP, SRQ, PHK, TRV, PBI, LAL, ORL, VKZ, PIE, FLL
	JAYMC–OCTAL	DHP, SRQ, PHK, PBI, TRV, LAL, VKZ, ORL, PIE, FLL
Q113	RAYVO–CEELY	CAE, CHS, FLO, ILM
	CEELY–SARKY	CAE, CHS, FLO, ILM, RDU
Q114	NATEE–BOULDER CITY	PGS, BLD, EED, LAS
	BOULDER CITY–ZAINY	PGS, ILC, BLD, EED, LAS
	ZAINY–AHOWW	PGS, ILC, BLD, CDC, LAS, MLF
	AHOWW–BAWER	PGS, ILC, BCE, DTA, HVE, MLF, TBC
	BAWER–BUGGG	ILC, BCE, DTA, DVC, HVE, JNC, MTJ, MTU, PUC, TBC
	BUGGG–ZAKRY	MTU, RLG, JNC, DBL, EKR, DVC, HVE, PUC, MTJ
	ZAKRY–BULDG	RLG, JNC, DBL, EKR, DEN, DVV
	BULDG–COUGH	RLG, DBL, BJC, DEN, DVV, GLL, AKO, FQF
	COUGH–AVVVS	AKO, BJC, DEN, DVV, FQF, GLL, HGO
	AVVVS–BRAFF	AKO, BJC, DVV, FQF, HGO, DEN, GLL, SNY
	BRAFF–GOORE	AKO, BFF, BJC, DEN, DVV, GLD, GLL, HGO, SNY, FQF, HCT, MCK
	GOORE–AYOLE	AKO, BFF, GLD, GLL, HCT, MCK, OBH, SNY
	AYOLE–PECKS	HLC, HCT, LNK, MCK, OBH, ONL
	PECKS–LEONG	ALO, CID, DSM, FOD, HCT, IRK, LMN, LNK, MCK, MCW, OBH, ONL, OVR, PWE, STJ, IOW

Route	Segment	DME
Q116	VULCAN–DEEDA	CEW, LGC, MCN, MGM, PZD, RMG, SZW, VUZ
	DEEDA–JAWJA	OMN, LGC, MGM, OTK, PZD, SZW
	JAWJA–MICES	OMN, OTK, PIE, PZD, SZW
	MICES–DEANR	SZW, PIE, OTK, LAL, AMG, OMN
	DEANR–PATOY	PIE, OMN, OTK, ORL, LAL, AMG
	PATOY–SMELZ	PIE, TRV, OMN, ORL, LAL, SRQ
	SMELZ–SHEEK	PIE, TRV, OMN, ORL, LAL, SRQ, PHK
	SHEEK–JAYMC	PIE, TRV, ORL, PBI, LAL, FLL, SRQ, VKZ, PHK, DHP
	JAYMC–OCTAL	PIE, TRV, ORL, PBI, LAL, FLL, SRQ, VKZ, PHK, DHP
Q118	MARION–HEVAN	BVT, CVG, FLA, FWA, GIJ, GSH, IIU, MZZ, OKK, OXI, RID, ROD, SHB, TTH, VHP
	HEVAN–VOSTK	BWG, CVG, FLM, FWA, HYK, IIU, OKK, RID, ROD, TTH
	VOSTK–HELUB	BWG, CVG, FLM, HYK, IIU, LOZ, VXV
	HELUB–JEDER	BWG, CVG, FLM, HYK, IIU, LOZ, LVT, VXV
	JEDER–GLAZR	BNA, BWG, FLM, GQO, HCH, HYK, IIU, LOZ, LVT, VXV
	GLAZR–KAILL	BNA, BWG, GQO, HCH, HRS, LGC, LVT, MCN, ODF, PDK, RMG, VXV
	KAILL–ATLANTA	GQO, LGC, MCN, ODF, RMG
	ATLANTA–JOHNN	AMG, ATL, LGC, MCN, ODF, OTK, PZD, RMG, SZW, GQO
	JOHNN–JAMIZ	AMG, CRG, MCN, OTK, PZD, SZW
	JAMIZ–BRUTS	AMG, CRG, OTK, PIE, SZW, PZD
	BRUTS–JINOS	CRG, LAL, OMN, ORL, OTK, PIE, SRQ, SZW
	JINOS–KPASA	LAL, ORL, PIE, SRQ, TRV, OMN
	KPASA–SHEEK	PHK, LAL, OMN, ORL, PIE, SRQ, TRV, FLL
	SHEEK–CHRRI	LAL, ORL, PBI, PIE, SRQ, TRV, PHK, DHP, FLL
	CHRRI–FEMID	PHK, DHP, EYW, FLL, ORL, PBI, PIE, SRQ, TRV, ZBV, LAL, VKZ
	FEMID–PEAKY	EYM, PHK, SRQ, VKZ, PBI, FLL, DHP
Q119	SCOOB–GROKK	EMI, FAK, ORF, GVE, RIC, CSN
	GROKK–RYVRR	EMI, FAK, ORF, GVE, RIC, CSN
	RYVRR–SHTGN	EMI, FAK, ORF, GVE, RIC, CSN
	SHTGN–DUALY	EMI, FAK, ORF, GVE, RIC, CSN
	DUALY–HALEX	EMI, FAK, GVE, RIC, CSN
	HALEX–WESTMINSTER	EMI, FAK, GVE, RIC, SIE, PSB, CSN
Q120	ORRCA–BETBE	CZQ, ECA, ENI, FMG, HZN, LIN, LLC, MOD, MVA, OAK, PYE, RBL, SAC, SDO
	BETBE–ZORUN	FMG, HZN, MVA, SDO
	ZORUN–GALLI	BAM, FMG, HZN, MVA, SDO
	GALLI–JAJAY	BAM, FMG, LLC, MVA, REO
	JAJAY–TRAKY	BAM, BQU, BVL, ELY, LCU, LLC, MLD, MVA, TWF
	TRAKY–PROXI	BVL, ELY, IDA, LCU, MLD, PIH, TCH
	PROXI–BIG PINEY	BOY, BPI, BVL, DBS, IDA, LCU, MLD, OCS, PIH, TCH
	BIG PINEY–JUGIV	BOY, BPI, CZI, DDY, OCS
	JUGIV–HIKOX	BOY, BPI, CZI, DDY, OCS
	HIKOX–JASTI	ABR, ANW, BOY, CKW, CZI, DDY, DPR, GCC, ONL, PHP, RAP, TST
	JASTI–UFFDA	ABR, ANW, BRD, DPR, FSD, GEP, ONL, PHP, RAP, RWF
Q121	PARZZ–POCATELLO	BVL, BAM, LCU, MLD, PIH, BOI, TCH, IDA, DBS
	POCATELLO–SWTHN	MLD, PIH, DBS, IDA, BPI, DNW, BOY, BIL, BZN, DDY, MLS, CZI, GCC, DIK, TCH
Q122	MOGEE–MACUS	LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA
	MACUS–MCORD	LLC, BAM, FMG, MVA, SDO, HZN
	MCORD–LUCIN	BVL, TCH, PIH, LCU, ELY, MLD, TWF, SDO, BAM, MVA, BQU, FMG, LLC
	LUCIN–BEARR	PIH, TCH, BVL, MLD, FFU, LCU, IDA
	BEARR–KURSE	PIH, TCH, BVL, LCU, MLD, OCS, BPI, CKW, MTU, BOY, CHE, RLG, CYS, BFF, CZI, DDY, GLL
	KURSE–O'NEILL	BFF, CYS, CDR, SNY, AIA, HCT, ONL, TDD, OBH, CUZ, FSD
	O'NEILL–FORT DODGE	YKN, OBH, ONL, OFK, FSD, SUX, FOD, OVR, SPW, MCW, DSM
Q123	PARZZ–COKEE	BIL, MLS, GGW, LWT, HLN, HIA, BZN, DBS, IDA, LKT, PIH, MLD, LCU, BOI, BAM, BVL
Q124	MOGEE–MACUS	LIN, OAK, ECA, PYE, HNW, MOD, SAC, SWR, FMG, HZN, LLC, MVA, BAM
	MACUS–MCORD	FMG, LLC, BAM, MVA, HZN, SDO
	MCORD–SLOWN	BQU, SDO, BAM, MVA, FMG, LLC, HZN
	SLOWN–FASTE	BQU, SDO, BAM, BVL, TWF, LCU, ELY, FFU, DTA
	FASTE–BONNEVILLE	TCH, FFU, LCU, DTA, BVL, ELY
	BONNEVILLE–WAATS	TCH, OGD, LCU, DTA, BVL, FFU
Q125	PARZZ–WLLES	GTF, LWT, CTB, HLN, BZN, DLN, HIA, IDA, LKT, DBS, PIH, MLD, LCU, BVL, BOI, BAM

Route	Segment	DME
Q126	TIPRE–INSLO	MVA, TPH, LLC, HZN, CZQ, ECA, FMG, LIN, MOD, OAK, OAL, PYE, SAC, ENI
	INSLO–CHUKR	MVA, ILC, TPH, HZN, OAL
	CHUKR–TTOES	MVA, DTA, ILC, BQU, TPH, BVL, EHK, ELY, OAL
	TTOES–GAROT	DTA, ILC, BVL, FFU, EHK, ELY, MLF
	GAROT–KREYK	DTA, BVL, FFU, TCH
	KREYK–DRRSI	DTA, BVL, FFU, HVE, PUC, TCH
	DRRSI–LBATO	MTU, HVE, PUC
	LBATO–BASNN	CHE, MTU, EKR, PUC, VEL
	BASNN–BRAFF	GLL, CHE, DBL, MTU, JNC, EKR, BJC, BQZ, DEN, DVV, FQF, RIL, RLG, SNY, VEL
Q127	GORDONSVILLE–BUKYY	EMI, FAK, GVE, RIC, SIE, CSN
	BUKYY–BAILZ	EMI, FAK, GVE, RIC, SIE, CSN
	BAILZ–GRACO	EMI, FAK, GVE, CYN, RIC, SIE, CSN
	GRACO–SMYRNA	EMI, RBV, CYN, SIE, CSN
Q128	SYRAH–JSICA	CZQ, ECA, LIN, LLC, MOD, MVA, OAK, OAL, PYE, SAC, TPH.
	JSICA–TABLL	MVA, OAL, TPH, ILC, CDC, DTA, ELY, MLF, BCE, HVE, PIC, JNC, DVC, MTJ, MTU
	TABLL–EDLES	BCE, CDC, DTA, DVC, FFU, HVE, ILC, JNC, MLF, MTJ, MTU, PUC.
	EDLES–FLOOD	JNC, PUC, HVE, MTU, DVC, HBU, MTJ, RSK, EKR, ETL, ALS, RLG, FQF, HGO, PUB, BJC, LAA
	FLOOD–ZAROS	AKO, BJC, DEN, FCS, FQF, DVV, GCK, GLD, HGO, LAA, LBL, PUB.
	ZAROS–VEGUC	EOS, GCK, GLD, HLC, ICT, IFI, LAA, LBL, MMB, OKM, PER, PUB, TUL
	VEGUC–VLUST	EOS, ICT, OKM, PER, RZC, SGF, TUL.
	VLUST–ECIGE	ARG, EOS, LIT, OKM, RZC, SGF, SQS, TUL.
	ECIGE–MUDHO	ARG, LIT, MEM, SQS.
	MUDHO–JILLS	ARG, JYU, MEI, MEM, MGM, MHZ, SQS, VUZ.
Q129	GARIC–YERBA	FAK, GSO, RDU, FLO, ILM, CHS
	YERBA–AARNN	FAK, RDU, GSO, ORF, GVE, ILM, RIC
	AARNN–THEOO	FAK, RDU, ORF, GVE, RIC, CSN
	THEOO–PYTON	EMI, FAK, GVE, ETG, RIC, PSB, CSN
Q130	SYRAH–JSICA	CZQ, ENI, FMG, LIN, MOD, MVA, OAK, OAL, PYE, SAC, TPH
	JSICA–REANA	BLD, CDC, DTA, ELY, ILC, MLF, MVA, OAL, TPH
	REANA–ROCCY	BCE, CDC, DTA, MLF, HVE, TBC, PUC, ILC
	ROCCY–HASSL	BCE, DTA, DVC, HVE, PUC, TBC
	HASSL–TAHIB	BCE, DVC, GUP, HVE, RSK, TBC
	TAHIB–DIXAN	ABQ, ACH, ALS, DVC, FTI, GUP, RSK
	DIXAN–MIRME	ABQ, ACH, CIM, FTI, TCC, TXO
	MIRME–PANHANDLE	ACH, CIM, LBL, PNH, TCC, TXO
Q132	WEBGO–ANAHO	LLC, HZN, FMG, SAC, SWR, LIN
	ANAHO–MYBAD	LLC, HZN, FMG, SDO
	MYBAD–ZERAM	LLC, BAM, REO, MVA, SDO
	ZERAM–MAGPY	LLC, SDO, BAM, REO, MVA, FMG
Q134	DUGLE–TATOO	MOD, SAC, CZQ, ECA, LIN, OAL, MVA, TPH, LLC
	TATOO–JULIK	MVA, OAL, TPH, ILC, DTA, BVL, CDC, ELY, MLF, BCE, HCE
	JULIK–HERSH	BCE, MLF, DTA, HVE, CDC, TCH, PUC, MTU
	HERSH–VOAXA	HVE, PUC, MTU, JNC, MTJ, EKR, RIL, DBL, RLG, FQF
Q135	JROSS–PELIE	CAE, CHS, FLO, SAV
	PELIE–ELMSZ	RDU, CAE, CHS, FLO, ILM
	ELMSZ–RAPZZ	RDU, CAE, CHS, FLO, ILM
Q136	CRLES–GDGET	BVL, DTA, EHK, ELY, ILC, MLF, FFU
	GDGET–TRALP	BCE, BVL, DTA, EHK, FFU, HVE, ILC, MLF, TCH
	TRALP–MANRD	BCE, DTA, EHK, FFU, HVE, JNC, MTU, PUC, BVL, MLF, TCH
	MANRD–WEEMN	DVC, FFU, HVE, JNC, MTJ, MTU, PUC, EKR
	WEEMN–ELLFF	EKR, HVE, JNC, MTJ, MTU, PUC, DVC, FFU
	ELLFF–VOAXA	EKR, CHE, DBL, FQF, MTJ, MTU, RIL, RLG
	VOAXA–COUGH	BJC, CYS, DBL, DEN, DVV, FQF, GLL, RLG, CHE, AKO
	COUGH–BBULL	AKO, BJC, CYS, DEN, DVV, FQF, GLD, GLL, HGO, SNY, HCT, TXC
	BBULL–ZIRKL	AKO, BJC, CYS, DEN, FQF, GLD, GLL, HCT, HGO, HLC, MCK, SNY, TXC, DVV
	ZIRKL–KAWWA	GRI, AKO, GLD, HCT, HLC, LNK, MCK, OBH, SLN, SNY, ONL
	KAWWA–SYTHH	GRI, HCT, HSI, LNK, MCK, OBH, PWE, HLC, ONL, SLN
	SYTHH–AYEGI	HSI, LNK, OBH, OVR, PWE, GRI
	AYEGI–TURCK	LMN, LNK, OBH, OVR, PWE, STJ, DSM

Route	Segment	DME
	TURCK–WRNCH	DSM, LMN, LNK, OVR, STJ, PWE
	WRNCH–BVEEE	DSM, IRK, LMN, LNK, OVR, PWE, STJ
	BVEEE–HIBAV	DSM, IRK, LNK, OVR, PWE, STJ, IOW, CID
	HIBAV–BAACN	ALO, CID, DSM, IOW, IRK, LMN, OVR, STJ, PWE
Q138	WILLIAMS–FIMUV	ENI, RBL, MXW, PYE, ECA, ILA, LIN, SAC, FMG, SWR, HZN
	FIMUV–JENSA	FMG, RBL, HZN, LIN, SAC, LLC
	JENSA–PUHGI	HZN, BAM, FMG, MVA, SDO, LLC
	PUHGI–ROOHZ	REO, LLC, BAM, SDO, BQU
	ROOHZ–PARZZ	PIH, BVL, LCU, BAM, BQU, REO, SDO, LLC
	PARZZ–UROCO	BOY, MLD, IDA, DBS, BPI, PIH, BVL, TCH, LCU, BAM
	UROCO–RICCO	CZI, DDY, BOY, RLY, COD, BPI, DA, DBS, MLD
	RICCO–MOTLY	DIK, GCC, RAP, DPR, CZI, DDY, BOY, SHR
	MOTLY–DKOTA	ABR, DIK, DPR, FAR, FSD, GCC, RAP, RWF
	DKOTA–WELOK	ABR, BRD, DLH, FAR, GEP, FSD, RWF
	WELOK–CESNA	BRD, DLH, FAR, FGT, GEP, ODI, RWF
	CESNA–GUUME	BRD, DLH, FGT, GEP, ODI
	GUUME–SNARG	BRD, DLH, DLL, FGT, GEP, ODI
	SNARG–SAULT STE MARIE	ASP, BRD, DLH, DLL, FGT, GEP, GRB, ODI, SAW, SSM, TVC
Q140	WOBED–GETNG	HUH, SEA, OLM, EPH, MWH
	GETNG–CORDU	GEG, EPH, PUW, MWH
	CORDU–PETIY	MLP, GEG, PUW, MSO
	PETIY–CHOTE	CTB, MSO, MLN, GTF
	CHOTE–LEWIT	GTF, CTB, LWT, BZN
	LEWIT–SAYOR	LWT, GGW, MLS, BIL
	SAYOR–WILTN	DIK, BIS, MOT, ISN
	WILTN–TTAIL	DVL, JMS, GFK, PKD
	TTAIL–CESNA	BRD, AXN, PKD, GEP, FGT, DLH
	CESNA–WISCN	BAE, BRD, DLH, DLL, FGT, GEP, GRB, ODI
	WISCN–EEGEE	ODI, DLL BAE, GRB, SAW
	EEGEE–DAYYY	ASP, BAE, DLL, DXO, FNT, GRB, VIO, ODI, PMM, SAW, SSM, TVC
	DAYYY–US CANADIAN BORDER	ASP, DXO, FNT, SSM, TVC
	AHPAH–HANKK	BUF, DKK, ETG, HNK, JHW, SLT, SYR
	HANKK–BEEPS	BUF, DKK, HNK, SLT, SYR
	BEEPS–EXTOL	BUF, HNK, SLT, SYR
	EXTOL–MEMMS	BUF, HNK, SLT, SYR
	MEMMS–KODEY	HNK, HUO, SAX, SLT, SYR
	KODEY–ARKKK	HNK, HUO, SAX, SLT, SYR
	ARKKK–RODYY	HNK, HUO, JFK, SAX, SLT, SYR
	RODYY–YODAA	HNK, HTO, HUO, JFK, RBV, SAX
Q142	METOW–MULLAN PASS	EPH, GEG, MWH, SEA, PUW, MQG, MLP
	MULLAN PASS–KEETA	FCA, LKT, CTB, PUW, MQG, MLP
	KEETA–OKVUJ	CTB, HLN, GTF, BZN, LWT, HIA, DLN
	OKVUJ–KIXCO	BIL, MLS, GGW, DIK
Q144	ZIRAN–ZOOMR	OLM, PSC, PDT, GEG, EPH, SEA, MWH
	ZOOMR–BLOWS	PUW, MQG, MLP, FCA
	BLOWS–KEETA	FCA, CTB, HLN, CPN, LKT
	KEETA–LEWIT	HLN, GTF, CTB, HVR, LWT, BZN
Q145	KONGO–CHARLESTON	BKW, FLM, HNN, HVQ, PSK
	CHARLESTON–CLNTN	AIR, APE, BKW, EWC, FLM, HNN, HVQ
	CLNTN–FOXEE	AIR, APE, CXR, DJB, DKK, EWC, HNN, HVQ, JHW
Q146	CASHS–BLUNT	GEG, MWH, EPH, LTJ, SEA, OLM
	BLUNT–DIPHU	MLP, FCA, PUW
	DIPHU–CUSDA	DLN, HLN, HIA
	CUSDA–ZERZO	BZN, HLN, GFT, HIA
	ZERZO–KIXCO	BIL, MLS, GGW, LWT, ISN
	KIXCO–TIMMR	ISN, DIK, DPR, ABR, MOT
	TIMMR–SMERF	FAR, JMS, GFK, HON, RWF, ATY
	SMERF–HUFFR	RWF, ATY, HON, FAR, BRD, AXN, GEP, FCM
Q148	STEVS–ZAXUL	ELN, EPH, OLM, SEA, LTJ

Route	Segment	DME
	ZAXUL–FINUT	EPH, MWH, PDT, GEG, MLP, DNJ
	FINUT–WEDAK	MLP, DNJ, LKT, MWH, EPH, PDT, GEG, BZN, DLN, HIA
	WEDAK–WAIDE	BZN, DLN, HIA, DBS, PIH, LKT
	WAIDE–JUGIV	DBS, PIH, BPI, BOY, BIL, DNW, BZN, DLN, JDA, OCS, CZI, CKW, DDY
	JUGIV–MEDICINE BOW	OCS, CKW, DDY, CZI, BOY, BPI, CYS, BFF, DVV, GLL
	MEDICINE BOW–MOCTU	CYS, BFF, DVV, CKW, GLL, DDY, BJC, FQF, BVR, SNY, DEN, AKO
	MOCTU–LEWOY	GLL, SNY, BFF, DVV, DEN, AKO, FQF, CYS, HGO, GLD, HCT, MCK, BVR
	LEWOY–CUGGA	AKO, BVR, HGO, GLD, HCT, MCK, LAA, SNY, GLL, FQF, BFF, DVV, BJC, DEN, CYS, HCT, HLC, GCK
	CUGGA–PENUT	HLC, GCK, LBL, GLD, HCT, MCK, LAA, SLN
	PENUT–KIRKE	SLN, LBL, MMB, GCK, GLD, MCK, HLC, PER, ICT
	KIRKE–MORRR	ICT, SNL, GCK, PER, HLC, IFI, TUL, OKM
	MORRR–BARTLESVILLE	IFI, IRW, PER, TUL, OKM, EOS, SLN, ICT, BUM
Q150	STEVS–ZAXUL	ELN, EPH, OLM, SEA, LTJ
	ZAXUL–LEZLE	EPH, PDT, GEG, MWH, BKE
	LEZLE–BAXGO	DNJ, MLP, BKE, LKT
	BAXGO–LAMON	DLN, IDA, HIA, PIH, BZN, DBS, LKT
	LAMON–GANNE	BZN, BPI, DNW, BOY, OCS
	GANNE–DDRTH	DDY, CKW, CZI, CYS, CHE, GLL, MBW, RLG
	DDRTH–YAMPA	CHE, HGO, BFF, DVV, AKO, GLL, FQF, BJC, CYS, DEN, RLG, CKW, DDY, SNY
	YAMPA–BBULL	BFF, AKO, DVV, GLL, RLG, DEN, LAA, HGO, FQF, BJC, CYS, PUB, GLD, SNY
	BBULL–DUUZE	BFF, AKO, DVV, GLL, DEN, LAA, GCK, HGO, MCK, LBL, HCT, BJC, FQF, CYS, PUB, GLD, HLC, SNY
	DUUZE–EXHAS	HGO, MCK, AKO, LBL, HCT, LAA, GCK, HLC, GLD
Q152	SUNED–LEZLE	EPH, MWH, PDT, PSC, YKM, GEG, BKE
	LEZLE–WEDAK	DNJ, MLP, LKT
	WEDAK–IKFOM	BZN, HIA, DBS, IDA, HLN, GTF, BIL, BOY, LWT
	IKFOM–WUVUT	BIL, BOY, MLS, RLY, DDY
	WUVUT–O'NEILL	RAP, DPR, BFF, ONL, ANW, TDD
Q154	WANTA–JELTI	SEA, OLM, LTJ, BTG, PDT, YKM, MWH, EPH, IMB, DSD
	JELTI–HOVEL	DNJ, BKE
	HOVEL–VELUY	REO, BOI
	VELUY–BURLEY	DBS, IDA, PIH
	BURLEY–PIMIE	IDA, PIH, DBS, LCU, MLD
	PIMIE–NAGNE	TCH, BVL, FFU
	NAGNE–BONGO	FBR, OCS
	BONGO–PITMN	EKR, JNC, CHE, RLG
	PITMN–TAYLR	MTJ, DBL, HBU
	TAYLR–GOSIP	PUB, ALS, DEN, DVV, FQF, HGO
	GOSIP–KENTO	LAA, CIM, GCK
	KENTO–NOSEW	TCC, PNH, TXO, GCK, LBL, MMB
	NOSEW–BOWIE	IFI, SPS, PNH, TXO, ABI, MQP, FUZ, TTT, ADM
Q156	STEVS–ZAXUL	SEA, YKM, MWH, LTJ, ELN, PDT, GEG
	ZAXUL–FINUT	SEA, LTJ, EPH, PDT, GEG, OLM, MWH, MLP
	FINUT–TUFFY	GEG, MLP, FCA, GTF, HLN, BZN
	TUFFY–UPUGE	HLN, MLP, FCA, GTF, DLN, BZN
	UPUGE–HEXOL	HLN, MLP, FCA, GTF, DLN, BZN
	HEXOL–SWTHN	CZI, BIL, MLS, GGW, GCC, DLN, BZN, DIK, GTF, LWT, HLN
	SWTHN–JELRO	RAP, MLS, GCC, DPR, DIK
	JELRO–KEKPE	RAP, ABR, MLS, DIK, DPR
	KEKPE–UFFDA	RWF, ABR, FGT, GEP, FAR, FSD, DIK, DPR
	UFFDA–HSTIN	FRM, RWF, MCW, ABR, FGT, GEP, ODI, FSD, MKT, FOD
	HSTIN–ZZIPR	ALO, FGT, GEP, MCW, CID, RST, FRM
Q158	NTELL–PPARK	AVE, CZO, ECA, EHF, LIN, MOD, SAC.
	PPARK–TRTIS	AVE, BTY, CZO, EHF, HEC, MOD, OAL, PMD.
	TRTIS–BIKKR	BTY, OAL, PMD
	BIKKR–MYCAL	BLD, BTY, HEC, OAL, PMD
	MYCAL–JEDNA	BLD, BTY, EED, LAS, OAL, PGS, PMD.
Q160	SHVVR–FAANG	AVE, CZQ, ECA, EHF, LIN, MOD, SAC
	FAANG–RIVVO	AVE, BTY, CZQ, EHF, MOD, OAL, PMD

Route	Segment	DME
	RIVVO–BIKKR	BTY, OAL, PMD
Q162	NTELL–CABAB	AVE, CZO, ECA, EHF, LIN, MOD, MVA, SAC
	CABAB–VIKSN	AVE, BTY, CZO, ECA, EHF, LIN, MOD, MVA, OAL
	VIKSN–KENNO	AVE, BLD, BTY, ILC, MOD, MVA, OAL
	KENNO–ESSAA	BLD, BTY, ILC, MVA, OAL, PMD
	ESSAA–TUMBE	BLD, BTY, ILC, MVA, OAL, PMD
	TUMBE–MYCAL	BLD, BTY, HEC, ILC, LAS, MVA, OAL, PMD
Q164	NTELL–CABAB	AVE, CZQ, EHF, LIN, MOD, MVA, OAL, SAC
	CABAB–KICHI	AVE, BTY, CZQ, EHF, ILC, LIN, MOD, MVA, OAL, TPH
	KICHI–KATTS	ILC, LAS, MVA, OAL, TPH
	KATTS–KITTN	BLD, CDC, DTA, ILC, LAS, MVA, OAL, TPH, TQQ
	KITTN–ROCCY	BCE, BLD, CDC, DTA, ELY, HVE, ILC, MLF, MVA, PUC, TBC
Q166	VIKSN–UHILL	BTY, OAL, PMD, TPH
	UHILL–BIKKR	BTY, OAL, PMD, TPH
Q168	FNNDA–SHIVA	BLD, BLH, EED, PGS, PKE, IPL, LAS
	SHIVA–KRINA	BLD, BLH, DRK, EED, LAS, PGS, PKE
	KRINA–JASSE	FLG, BLD, DRK, INW, LAS, PGS, TBC
Q172	YUTEE–BWAGS	GSO, CAE, CHS, FLO, GRD, SPA, IRQ
	BWAGS–HINTZ	GSO, CAE, CHS, FLO, GRD, ILM, IRQ, SPA
	HINTZ–CEELY	GSO, CAE, CHS, FLO, ILM
	CEELY–OKNEE	GSO, CAE, CHS, FLO, ILM
	OKNEE–KAATT	GSO, CAE, CHS, FLO, ILM
	KAATT–RAPZZ	GSO, FLO, ILM
Q220	RIFLE–HOFFI	HTO, RBV, SAX, PUT, JFK, PVD
	HOFFI–ORCHA	HTO, SAX, PUT, JFK, PVD
	ORCHA–ALBOW	HTO, BOS, ACK, PUT, JFK, PVD
	ALBOW–SANDY POINT	HTO, BOS, ACK, LFV, PUT, JFK, PVD
	SANDY POINT–SKOWL	HTO, BOS, ACK, LFV, PUT, PVD
	SKOWL–JAWZZ	HTO, BOS, ACK, LFV, PUT, PVD
	JAWZZ–LARIE	HTO, BOS, ACK, LFV, PUT, PVD
Q406	BROADWAY–DBABE	JFK, SAX, FJC, RBV, ARD, SBJ, STW, SIE, HTO, BWZ, CYN, HNK
	DBABE–BASYE	CMK, HTO, BDR, CYN, LGA
	BASYE–TRIBS	RBV, HTO, BDR, CYN, PWL, CMK, JFK, HNK
	TRIBS–BIGGO	SAX, HTO, BAF, BDR, PUT, IGN, CTR, HFD
	BIGGO–BARNES	HUO, HTO, IGN, BAF, HFD, CTR, BOS
Q409	ENEME–PUPYY	AMG, CRG, OTK, SAV
	PUPYY–ISUZO	GRD, AMG, CHS, CRG, OTK, SAV
	ISUZO–KONEY	GRD, AMG, CAE, CHS, SAV
	KONEY–JROSS	GRD, AMG, CAE, CHS, SAV
	JROSS–SESUE	RDU, GRD, CAE, CHS, FLO, SAV, ILM
	SESUE–OKNEE	RDU, GRD, CHS, FLO, ILM, CAE
	OKNEE–MRPIT	RDU, GRD, CHS, FLO, ILM, CAE
Q430	ZANDR–BELLAIRE	EWC, APE, ZZV, HNN, AIR, CXR, DJB
	BELLAIRE–LEJOY	EWC, APE, ZZV, HNN, ETG, AIR, CXR, PSB
	LEJOY–VINSE	EWC, EMI, ETG, AIR, SLT, PSB, CSN
	VINSE–BEETS	EMI, ETG, SLT, PSB, CSN
	BEETS–LARRI	EMI, ETG, PSB, CSN
	LARRI–SAAME	EMI, RBV, ETG, CYN, PSB, SIE, CSN
	SAAME–BYRDD	EMI, HUO, RBV, CYN, SAX, PSB, SIE
	BYRDD–COPES	EMI, HUO, RBV, CYN, SAX, SIE, JFK
	COPES–ROBBINSVILLE	EMI, HUO, RBV, CYN, SAX, JFK, SIE
	ROBBINSVILLE–MYRCA	HTO, HUO, RBV, CYN, SAX, JFK, SIE
	MYRCA–CREEL	HTO, HUO, RBV, CYN, SAX, JFK, SIE
	CREEL–RIFLE	HTO, HUO, CYN, SAX, JFK, PUT, PVD
	RIFLE–KYSKY	HTO, RBV, SAX, JFK, PUT, PVD
	KYSKY–LIBBE	HTO, BOS, ACK, LFV, JFK, PUT, PVD
	LIBBE–FLAPE	HTO, BOS, ACK, LFV, PUT, PVD
	FLAPE–DEEPO	HTO, BOS, ACK, LFV, PUT, PVD
	DEEPO–NANTUCKET	HTO, BOS, ACK, LFV, PUT, PVD

Route	Segment	DME
Q436	EMMMA–DIXSN	DXO, PMM, CRL, FNT, LAN
	DIXSN–BOOTT	CRL, ECK, GRR, FNT, SVM
	BOOTT–RRONS	PSI, ECK, CRL, CXR, DXO
	RRONS–US CANADIAN BORDER	OJB, DKK, ECK, CXR, DXO
	RAAKK–HERBA	DKK, ETG, BFD, PSB, JHW
	HERBA–REXXY	OKK, EGT, SLT, PSB, ELZ
	REXXY–REBBL	BUF, ETG, FQM, HNK, PSB
	REBBL–MTCAF	CFB, ULW, FQM, SAX, HUO
	MTCAF–DGRAF	CFB, SYR, SLT, HNK, HUO
	DGRAF–YYOST	JFK, SAX, LVZ, HNK, HUO
	YYOST–LAAYK	JFK, SLW, LVZ, HNK, HUO
	LAAYK–COATE	BWZ, RBV, LVZ, HNK, HUO
Q438	RUBYY–BERYS	ASP, CRL, DXO, FNT, GRR, PMM
	BERYS–TWIGS	CRL, FNT, CXR, DXO, DJB
	TWIGS–US CANADIAN BORDER	DKK, ECK, CXR, JHW, DJB
Q439	BRIGS–DRIFT	HTO, RBV, CYN, SAX, JFK, SIE
	DRIFT–MANTA	HTO, RBV, CYN, SAX, JFK, SIE
	MANTA–PLUME	HTO, RBV, CYN, SAX, JFK, SIE
	PLUME–SHERL	HTO, RBV, CYN, SAX, JFK, SIE
	SHERL–DUNEE	HTO, HUO, RBV, CYN, SAX, JFK
	DUNEE–SARDI	HTO, HUO, RBV, CYN, SAX, JFK, PUT, PVD
	SARDI–RIFLE	HTO, RBV, CYN, SAX, PUT, JFK, PVD
	RIFLE–FOXWD	HTO, RBV, BOS, ACK, SAX, LFV, PUT, JFK, PVD
	FOXWD–BOGRT	HTO, BOS, ACK, LFV, ENE, PUT, PVD
	BOGRT–BLENO	HTO, BOS, ACK, LFV, ENE, PUT, PVD
	BLENO–BEEKN	BOS, ACK, BGR, LFV, ENE, PUT, PVD
	BEEKN–PRESQUE ISLE	MLT, BOS, ACK, BGR, LFV, ENE, PUT
Q440	HUFFR–IDIOM	BAE, BRD, DLL, FGT, GEP, GRB, ODI, RWF
	IDIOM–DEANI	BAAE, DLL, GRB, PMM, TVC
	DEANI–SLLAP	ASP, GRB, PMM, TVC
	SLLAP–BERYS	ASP, GRB, PMM, TVC
	BERYS–TWIGS	DXO, CRL, FNT, DJB, CXR
	TWIGS–US CANADIAN BORDER	JHW, DKK, ECK, DJB, CXR
Q448	POTTSTOWN–LANNA	CYN, HUO, ETX, JFK, SIE, STW
	LANNA–DBABE	SIE, SBJ, BWZ, FJC, JFK, CYN, ARD, STW, HTO, SAX
	DBABE–BASYE	CYN, LGA, BDR, CMK, HTO
	BASYE–TRIBS	CYN, RBV, BDR, PWL, HTO, HNK, CMK, JFK
	TRIBS–BIGGO	PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR
	BIGGO–BARNES	PUT, SAX, BAF, BDR, HTO, HFD, IGN, CTR
Q450	HNNAH–KENNEDY	HTO, HUO, RBV, CYN, SAX, SIE, JFK
	KENNEDY–DEER PARK	HTO, HUO, RBV, CYN, SAX, JFK, PUT
Q475	COPLY–SCUPP	BOS, ACK, LFV, ENE, PUT, PVD
	SCUPP–CANAL	BOS, ACK, LFV, ENE, PUT, PVD
	CANAL–U.S. CANADIAN BORDER	GNSS REQUIRED
Q480	ZANDR–BELLAIRE	APE, CXR, JPU, CTW, DJB, HLG, EWC, AIR, HNN
	BELLAIRE–LEJOY	APE, AIR, EWC, HLG, CTW, AGC, MGW, IHD, JST, PSB
	LEJOY–VINSE	JST, PSB, EWC, GRV, IHD, REC, AIR, EMI, ETG, SLT, THS
	VINSE–BEETS	EMI, CSN, ETG, SLT, THS, HAR
	BEETS–HOTEE	EMI, CSN, HAR, SLT, THS, SIE, LRP, RAV, PSB, RBV
	HOTEE–MIKYG	EMI, PSB, RBV, RAV, LRP, PTW, HUO, SIE, HNK, SAX
	MIKYG–SPOTZ	FJC, SIE, CYN, LRP, SAX, JFK, PTW, ETX, EMI
	SPOTZ–CANDR	FJC, STW, CYN, ETX, LVZ, RBV, SBJ
	CANDR–JEFFF	JFK, STW, BWZ, SAX, SBJ, HNK, CYN
	JEFFF–KINGSTON	RBV, STW, CMK, HNK, SAX, JFK, HUO, IGN, RBV
	KINGSTON–LESWL	PUT, RBV, CMK, HNK, HUO, SAX, HTO, PVD
	LESWL–BARNES	BAF, SAX, JFK, HTO, PVD, HFD, HUO, BOS
	BARNES–KYLOH	HTO, HUO, BOS, ENE, LFV, PUT, PVD
	KYLOH–BEEKN	BOS, BGR, LFV, ENE, PUT, PVD

Route	Segment	DME
	BEEKN–KENNEBUNK	BGR, LFV, ENE, PUT, PVD
Q806	MILLINOCKET–U.S. CANADIAN BORDER	BGR, HUL, MLT, PQI
Q812	TIMMR–WELOK	BUF, DKK, JHW, SLT
	WELOK–CEWDA	BUF, DKK, JHW, SLT, SYR
	CEWDA–ZOHAN	ASP, BAE, CRL, DLL, DXO, FNT, GRB, PMM, SAW, TVC
	ZOHAN–U.S. CANADIAN BORDER	ASP, CRL, DKK, DXO, FNT, PMM, SSM, TVC
	KELTI–AHPAH	BUF, DKK, JHW, SLT, SYR
	AHPAH–GOATR	BUF, DKK, HNK, JHW, SLT, SYR
	GOATR–FABEN	BUF, HNK, SLT, SYR
	FABEN–LOXXE	BUF, ETG, HNK, HUO, SAX, SLT, SYR
	LOXXE–ARKKK	BUF, ETG, HNK, HUO, SAX, SLT, SYR
	ARKKK–STOMP	ETG, HNK, HUO, JFK, RBV, SAX, SLT, SYR
	STOMP–MSLIN	HNK, HUO, JFK, RBV, SAX
	MSLIN–GAYEL	CYN, HNK, HTO, HUO, JFK, RBV, SAX
Q816	HOCKE–US CANADIAN BORDER	ASP, CRL, DXO, FNT
	KELTI–AHPAH	BUF, DKK, JHW, SLT, SYR
	AHPAH–GOATR	BUF, DKK, HNK, JHW, MSS, SLT, SYR
	GOATR–ARNII	BUF, HNK, HUO, MSS, PUT, SLT, SYR
	ARNII–HANAA	HNK, HUO, MSS, PUT, SYR
Q818	FLINT–US CANADIAN BORDER	ASP, DXO, FNT, GRR, CRL
	WOZEE–KELIE	BUF, DKK, ETG, JHW, SLT, SYR
	KELIE–VIEEW	BUF, DKK, ETG, HNK, JHW, SLT, SYR
	VIEEW–BINGHAMTON	BUF, ETG, HNK, HUO, JHW, SAX, SLT, SYR
	BINGHAMTON–BUFFY	CYN, HNK, HUO, SAX, SLT, SYR.
	BUFFY–STOMP	CYN, HNK, HUO, JFK, RBV, SAX, SYR
	STOMP–MSLIN	CYN, HNK, HUO, JFK, RBV, SAX
	MSLIN–GAYEL	CYN, HNK, HTO, HUO, JFK, RBV, SAX
Q822	FLINT–U.S. CANADIAN BORDER	ASP, CRL, DXO, FNT, GRR
	HOZIR–GONZZ	BUF, DKK, ETG, HNK, HUO, JHW, MSS, SLT, SYR
	GONZZ–PUPPY	BUF, HNK, HUO, MSS, SAX, SLT, SYR
	PUPPY–PAYGE	HNK, HUO, MSS, PUT, SAX, SYR
	PAYGE–CAMBRIDGE	BOS, HNK, HUO, MSS, PUT, SAX, SYR
	CAMBRIDGE–KENNEBUNK	BGR, BOS, ENE, HUO, LFV, PUT, PVD, SAX
	KENNEBUNK–AJJAY	BGR, BOS, ENE, LFV, MLT, PSM, PUT
	AJJAY–ALLEX	BGR, BOS, ENE, LFV, MLT, PNN
Q824	FLINT–HOCKE	ASP, CRL, DXO, FNT, VIO
	HOCKE–US CANADIAN BORDER	ASP, CRL, DXO, FNT
Q844	SYRACUSE–US CANADIAN BORDER	BUF, HNK, SYR, MSS
Q848	SLLAP–HHIPP	ASP, CRL, DJB, DXO, GRR, PMM, TVC
	HHIPP–U.S. CANADIAN BORDER	ASP, DJB, DXO, FNT
Q905	HOCKE–U.S. CANADIAN BORDER	ASP, BUF, CRL, CXR, DKK, DXO, FNT, JHW
Q907	POSTS–PADDE	CRL, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, OXI, PMM
	PADDE–SALEM	CRL, DJB, DXO, ECK, FNT, FWA, GIJ, GRR, GSH, PMM
	SALEM–US CANADIAN BORDER	CRL, CXR, DJB, DKK, DXO, ECK, FNT, VIO
Q913	CABCI–TOPPS	BGR, ENE, HUL, LEB, ML T, MSS, PNN, PQI
Q917	SAULT STE MARIE–U.S. CANADIAN BORDER	ASP, SAW, SSM
	HOZIR–WOZEE	BUF, DKK, JHW, SLT
Q923	HOCKE–US CANADIAN BORDER	ASP, CRL, DXO, FNT
Q935	MONEE–HOCKE	ASP, CRL, DXO, FNT, GRR, PMM
	HOCKE–U.S. CANADIAN BORDER	ASP, CRL, DXO, FNT

Route	Segment	DME
	WOZEE–HANKK	BUF, DKK, HNK, JHW, SLT, SYR
	HANKK–JOSSY	BUF, DKK, HNK, JHW, SLT, SYR
	JOSSY–AUDIL	BUF, HNK, SAX, SLT, SYR
	AUDIL–FABEN	BUF, HNK, SAX, SLT, SYR
	FABEN–PONCT	HNK, HUO, JFK, SAX, SLT
	PONCT–GARDNER	BOS, ENE, HNK, HUO, JFK, LFV, PUT, PVD, SAX
	GARDNER–BOSTON	ACK, BOS, ENE, LFV, PUT, PVD
Q937	WAYGO–KRAZZ	BUF, HNK, MSS, SYR
Q947	TOPPS–CUZWA	BGR, HUL, MLT, PQI
	CUZWA–US CANADIAN BORDER	BGR, HUL, MLT, PQI
Q951	POSTS–PADDE	CRL, DXO, FNT, FWA, GIJ, GRR, GSH, OXI, PMM
	PADDE–SALEM	CRL, DJB, DXO, FNT, FWA, GIJ, GRR, GSH, PMM
	SALEM–U.S. CANADIAN BORDER	CRL, CXR, DJB, DKK, DXO, FNT
	DAVDA–SAVAL	ART, BTV, MSS, SLK, SYR
	SAVAL–U.S. CANADIAN BORDER	ART, BTV, MSS, SYR

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MINIMUM OPERATIONAL NETWORK (MON) AIRPORT LISTING

STATE	CITY	AIRPORT NAME	LOCATION IDENTIFIER
ID	LEWISTON	LEWISTON-NEZ PERCE COUNTY	LWS
ID	TWIN FALLS	JOSLIN FIELD - MAGIC VALLEY RGNL	TWF
MT	BOZEMAN	BOZEMAN YELLOWSTONE INTL	BZN
MT	CUT BANK	CUT BANK INTL	CTB
MT	DILLON	DILLON	DLN
MT	GLASGOW	WOKAL FIELD/GLASGOW - VALLEY COUNTY	GGW
MT	HAVRE	HAVRE CITY-COUNTY	HVR
MT	HELENA	HELENA RGNL	HLN
MT	LEWISTOWN	LEWISTOWN MUNI	LWT
MT	MILES CITY	FRANK WILEY FIELD	MLS
OR	AURORA	AURORA STATE	UAO
OR	BAKER CITY	BAKER CITY MUNI	BKE
OR	BURNS	BURNS MUNI	BNO
OR	MEDFORD	ROGUE VALLEY INTL - MEDFORD	MFR
OR	PORTLAND	PORTLAND-HILLSBORO	HIO
OR	REDMOND	ROBERTS FIELD	RDM
OR	SALEM	MCNARY FLD	SLE
WA	EPHRATA	EPHRATA MUNI	EPH
WA	RICHLAND	RICHLAND	RLD
WA	SPOKANE	SPOKANE INTL	GEG
WA	TACOMA	TACOMA NARROWS	TIW
WY	CHEYENNE	CHEYENNE RGNL/JERRY OLSON FIELD	CYS
WY	DOUGLAS	CONVERSE COUNTY	DGW
WY	EVANSTON	EVANSTON-UINTA COUNTY BURNS FIELD	EVW
WY	JACKSON	JACKSON HOLE	JAC
WY	RIVERTON	CENTRAL WYOMING RGNL	RIW
WY	SHERIDAN	SHERIDAN COUNTY	SHR

AIRPORT DIAGRAMS

In support of the Federal Aviation Administration's Runway Incursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the Chart Supplement. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.

NOTE: Some text data published under the individual airport in the front portion of the Chart Supplement section may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:
1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., A1, V, ✿
2. Approach lighting systems that do not bear a system identification are indicated with a negative "L" beside the name.

A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., L★
To activate lights, use frequency indicated in the communication section of the chart with a L or the appropriate lighting system identification e.g., UNICOM 122.8 L, A1, V

KEY MIKE	FUNCTION
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.

FAA Procedure Amendment Number → Orig 31DEC09 ← Procedure Amendment Effective Date
FAA Procedure Amendment Number → Amdt 2B 12MAR09 ← Procedure Amendment Effective Date

The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc.

NOTE: Inclusion of the "Procedure Amendment Effective Date" will be phased in as procedures are amended. As this occurs, the Julian date will be relocated to the upper right corner of the chart.

MISCELLANEOUS

★ Indicates a non-continuously operating facility, see Chart Supplement.
For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA. Distances in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway Dimensions in feet. Elevations in feet. Mean Sea Level (MSL). Ceilings in feet above airport elevation. Radials/bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

19339

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Stopways,Taxiways, Parking Areas | Metal Surface

Closed Runway | Closed Surface | Under Construction | Water Runway

ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES

Displaced Threshold.....
Hot Spot .....
Runway Holding Position Markings.....
Buildings.....
24-Hour Self-Serve Fuel ##.....
Tanks.....
Obstructions.....
Airport Beacon #.....
Runway
Radar Reflectors.....
Control Tower #..... TWR

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for information.

NOTE:
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in FLIP. (Foreign Only)

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures

landing point.....

NOTE:
Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123

←0.3% DOWN

Runway Slope.....0.8% UP→
(shown when runway slope is greater than or equal to 0.3%)

NOTE:
Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

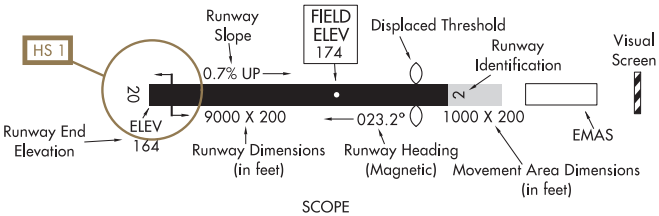
True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

Positional accuracy within ±600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A D symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
IDAHO		
BOISE		
BOISE AIR TERMINAL/GOWEN FLD (BOI)	HS 1	Pilots departing Rwy 10L often miss the left turn on Twy W and continue taxi on Twy J. Do not mistake Rwy 10L apch sign for Rwy 10L entrance.
HAILEY		
FRIEDMAN MEM (SUN)	HS 1	Possible confusion btn ramp and Twy B due to large paved areas. ATC clnc is needed to enter movement area.
	HS 2	Possible confusion btn ramp and Twy B due to large paved areas. ATC clnc is needed to enter movement area.
	HS 3	Possible confusion btn ramp and Twy B due to large paved areas. ATC clnc is needed to enter movement area.
IDAHO FALLS		
IDAHO FALLS RGNL (IDA)	HS 1	Pilots should use caution and look carefully for rwy hold line when using Twy C. Rwy 17–35 does not have rwy edge markings and can be mistaken for a twy.
	HS 2	Pilots often line up for Rwy 17 when cleared to land Rwy 21. Rwy 21 and Rwy 17 apch ends in close proximity. Check rwy alignment.
LEWISTON		
LEWISTON–NEZ PERCE CO (LWS)	HS 1	Multiple hold lines in close proximity between the rwys. Pilots instructed to hold short of Rwy 30 on Twy G sometimes miss the first hold line.
TWIN FALLS		
JOSLIN FLD – MAGIC VALLEY RGNL (TWF)	HS 1	Confusing ramp and twy configuration. Pilots taxiing from FBO ramp sometimes enter Rwy 12–30 wo apvl.
	HS 2	Twy A at Twy A3, confusing geometry and painted lines. ATCT clnc required to cros the painted movement – non–movement bdry marking. Pilots sometimes enter Rwy 08–26 wo apvl.
MONTANA		
BILLINGS		
BILLINGS LOGAN INTL (BIL)	HS 1	Complex intersection of Twy A, Twy C, ramp, and Rwy 10L–28R. Large non–movement area south of Twy A.
BOZEMAN		
BOZEMAN YELLOWSTONE INTL (BZN)	HS 1	Pilots taxiing via Twy A to Rwy 30 for departure sometimes fail to hold short of Rwy 03–21.
BUTTE		
BERT MOONEY (BTM)	HS 1	Rstd visibility between Rwy 33 and Rwy 30. Acft departing/ldg may not see tfc on intersecting rwy.
OREGON		
AURORA		
AURORA STATE (UAO)	HS 1	Rwy hold line close to Twy A. No sign identifying Twy A when exiting the ramp.
	HS 2	Rwy hold line close to Twy A. No sign identifying Twy A when exiting the ramp.
NORTH BEND		
SOUTHWEST OREGON RGNL (OTH)	HS 1	Twy A crosses the north end of Rwy 13–31. Pilots have mistaken the rwy as part of the twy and taxied onto Rwy 13–31 without clearance.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
PENDLETON		
EASTERN OREGON RGNL AT PENDLETON (PDT)	HS 1	The hold line for Rwy 29 extends across a portion of the ramp and is approximately 360' long. The signs are difficult to see from some spots on the ramp.
PORTLAND		
PORTLAND INTL (PDX)	HS 1	Limited wing–tip clearance at twy convergence point. Pilots taxiing eastbound on Twy B should hold at the twy holding position marking when directed by ATC.
	HS 2	Hold line for Rwy 03–21 is on Twy K. Pilots should be prepared to hold short of Rwy 21 on Twy K unless an authorization to cross has been issued by ATC.
	HS 3	Pilots taxiing outbd from the GA ramp via Twy A4 sometimes miss the turn onto Twy A and enter Rwy 10L–28R wo authorization.
	HS 4	Pilots taxiing outbd from the GA ramp via Twy A3 sometimes miss the turn onto Twy A and enter Rwy 10L–28R wo authorization.
PORTLAND		
PORTLAND–HILLSBORO (HIO)	HS 1	Acft exiting Rwy 13R–31L at Twy A6 have only 90' of clnc between Twy A cntrln and holding posn markings.
	HS 2	Pilots taxiing from the Rwy 31L run–up area via Twy A8 to Rwy 31L for dep sometimes fail to hold short of Rwy 13R–31L.
REDMOND		
ROBERTS FLD (RDM)	HS 1	Pilots eastbound on Twy B sometimes miss the turn onto Twy F and cross the Rwy 05–23 hold line.
	HS 2	Pilots eastbound on Twy C sometimes miss the turn onto Twy F and cross the Rwy 05–23 hold line.
WASHINGTON		
BELLINGHAM		
BELLINGHAM INTL (BLI)	HS 1	Confusing twy int for pilots exiting/taxiing Rwy 16–34 via Twy D.
	HS 2	Congested int of Twy A and Twy F during Rwy 34 ops for acft taxiing to, or exiting Rwy 34 via Twy F.
EVERETT		
SNOHOMISH CO (PAINE FLD) (PAE)	HS 1	Twy A between Twy A9 and Twy A10 not visible from ATCT.
	HS 2	Enter Rwy 16 full len via Twy A1 unless Twy AA specified by ATC.
MOSES LAKE		
GRANT CO INTL (MWH)	HS 1	Unusual hold line location on Twy C, 1568' short of Rwy 18 Thld.
	HS 2	Rwy 09–27 clsd except mil ops. Rwy 09–27 has no rwy markings and NSTD rwy lgts.
OLYMPIA		
OLYMPIA RGNL (OLM)	HS 1	Rwy 8–26 intersects Rwy 17–35.
PASCO		
TRI–CITIES (PSC)	HS 1	Pilots ldg Rwy 30 should listen carefully to ATCT instructions and be prepared to exit onto Rwy 03R–21L or Rwy 03L–21R. Pilots often exit at the wrong rwy as directions signs are not avbl.
	HS 2	Pilots sometimes cross Rwy 21L without authorization. When twr is opr, ATC clearance is required to enter or cross rwy.
SEATTLE		
BOEING FLD/KING CO INTL (BFI)	HS 1	Twy Z restricted access area.
	HS 2	Rwy 14R–32L and Twy A9. Wrong rwy departure risk.
	HS 3	Extv copter ops in the vcnty of Twy B5.
SEATTLE		
SEATTLE–TACOMA INTL (SEA)	HS 1	Acft taxiing to Rwy 34C at Twy Q for departure sometimes enter Rwy 34R wo authorization after reading back hold short instructions. Rwy 34R hold position is only 275' from the ramp and movement area boundary.
	HS 2	Acft exiting 34C at Twy J, sometimes enter Rwy 34R wo authorization due to short taxi distance between rwys.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
YAKIMA		
YAKIMA AIR TERMINAL/MCALLISTER FLD (YKM)	HS 1	Twy C, Twy B, and Rwy 22 complex intersection. Rwy hold lines are at an unusual distance from rwy edge, rwy markings not easily visible from hold line.

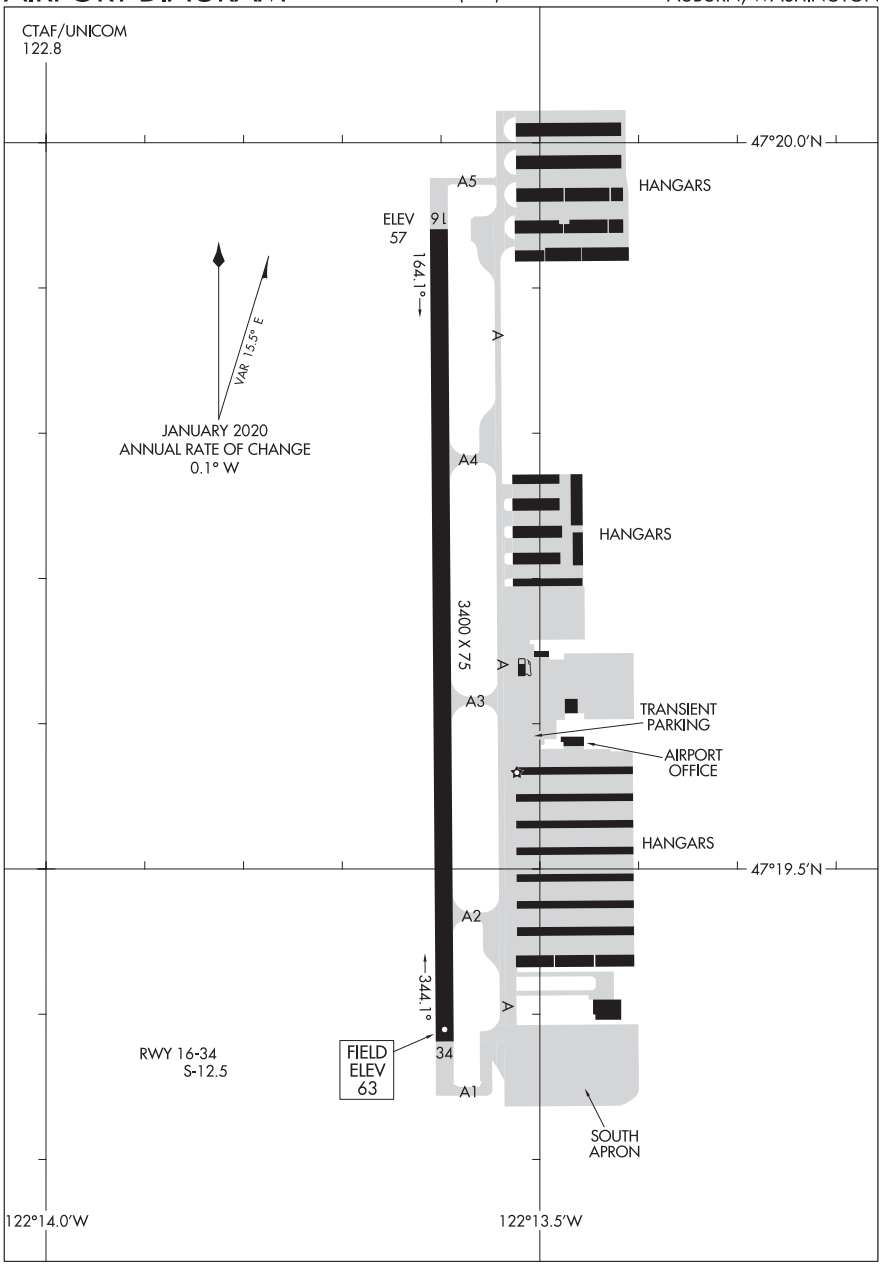
WYOMING

CASPER		
CASPER/NATRONA CO INTL (CPR)	HS 1	Pilots sometimes taxi past Twy A onto Rwy 03–21 without authorization. Twy A on edge of ramp with no signage, and Twy A5 has direct access to Rwy from ramp.
CHEYENNE		
CHEYENNE RGNL/JERRY OLSON FLD (CYS)	HS 1	Confusing twy configuration. Twy A transitions to Twy B and back to Twy A when taxiing to and from Rwy 13–31.
JACKSON		
JACKSON HOLE (JAC)	HS 1	Acft sometimes miss Twy A1 and enter the blast pad.

20254
AIRPORT DIAGRAM

AL-10224 (FAA)

AUBURN MUNI (S50)
AUBURN, WASHINGTON



AIRPORT DIAGRAM
20254

AUBURN, WASHINGTON
AUBURN MUNI (S50)

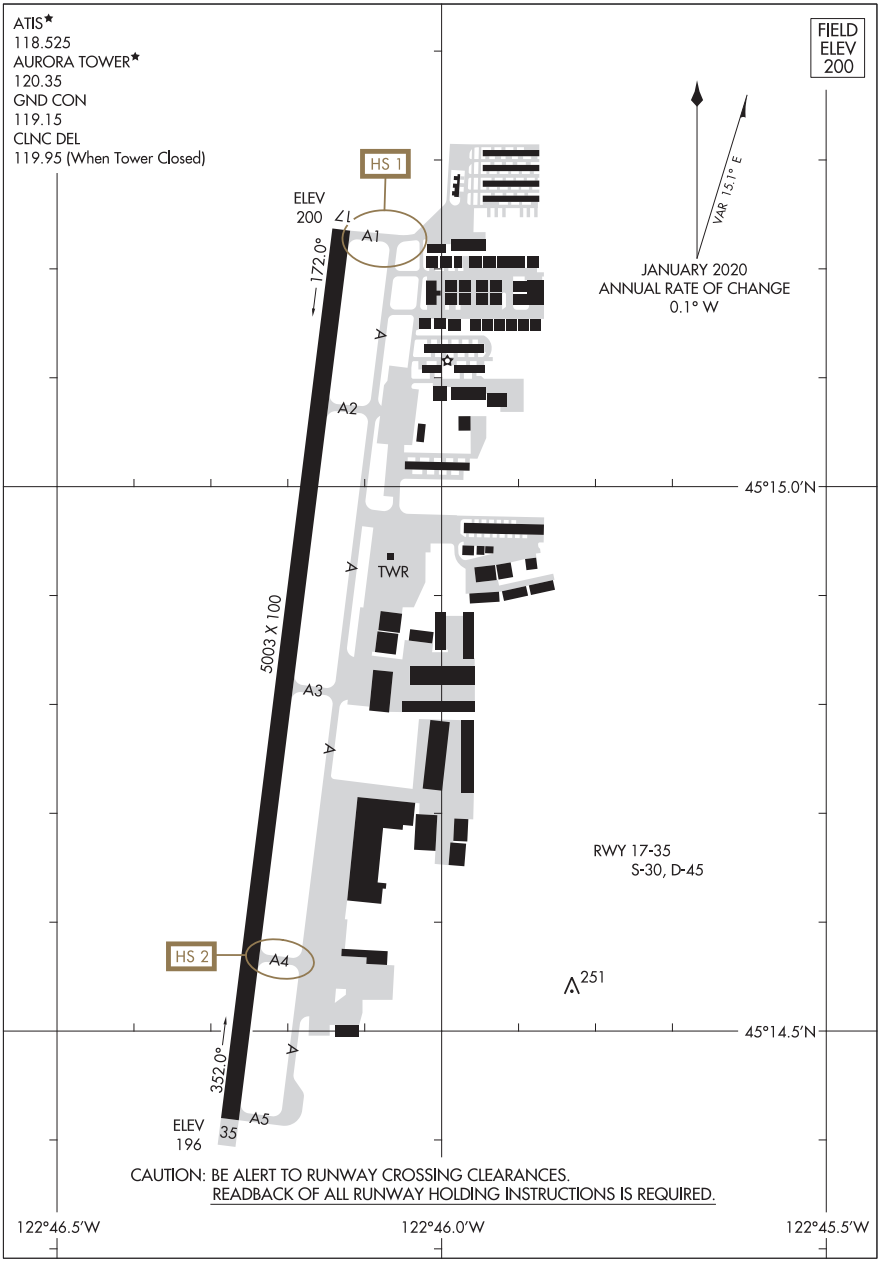
20086

AIRPORT DIAGRAM

AL-5722 (FAA)

AURORA STATE (UAO)

AURORA, OREGON

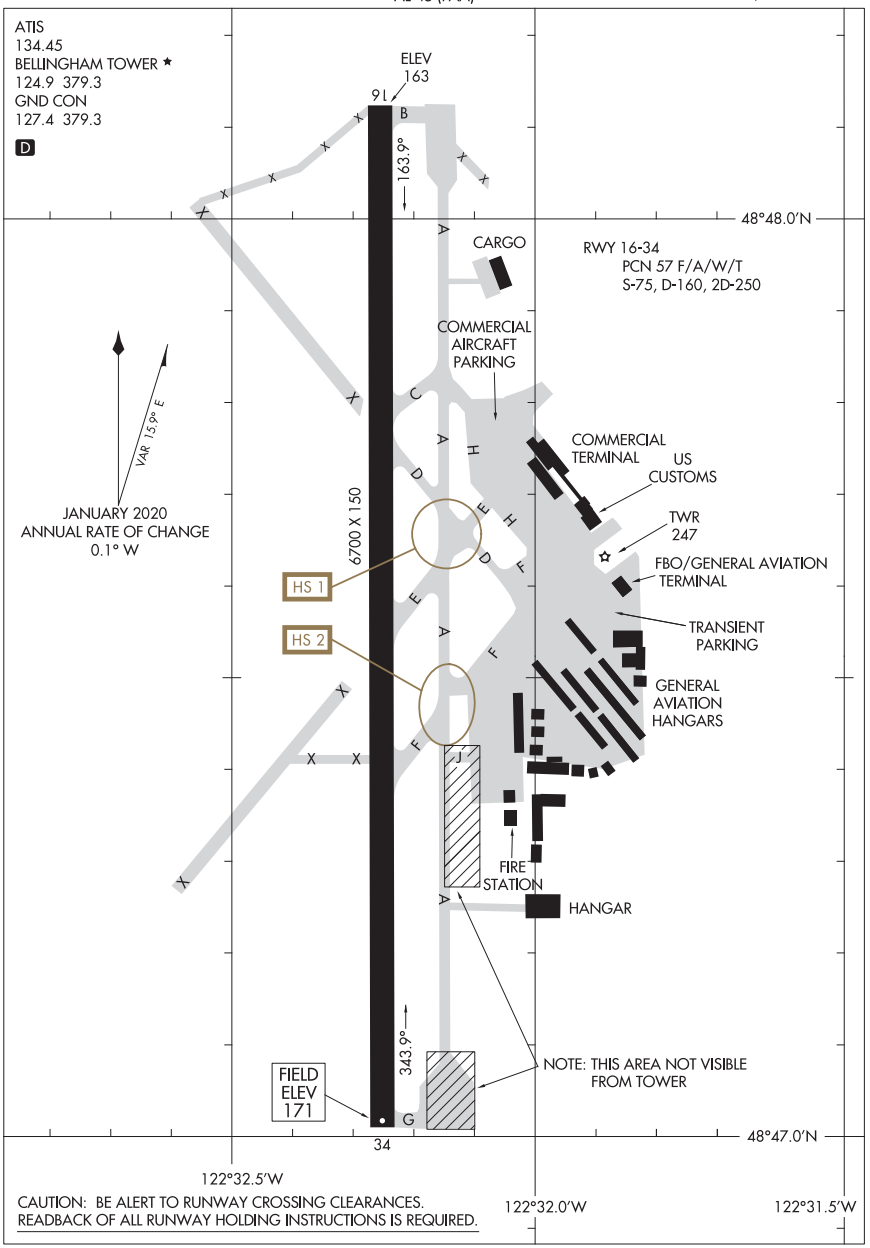


AIRPORT DIAGRAM
20086
AURORA, OREGON
AURORA STATE (UAO)

20086

AIRPORT DIAGRAM

BELLINGHAM INTL (BLI)
BELLINGHAM, WASHINGTON



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

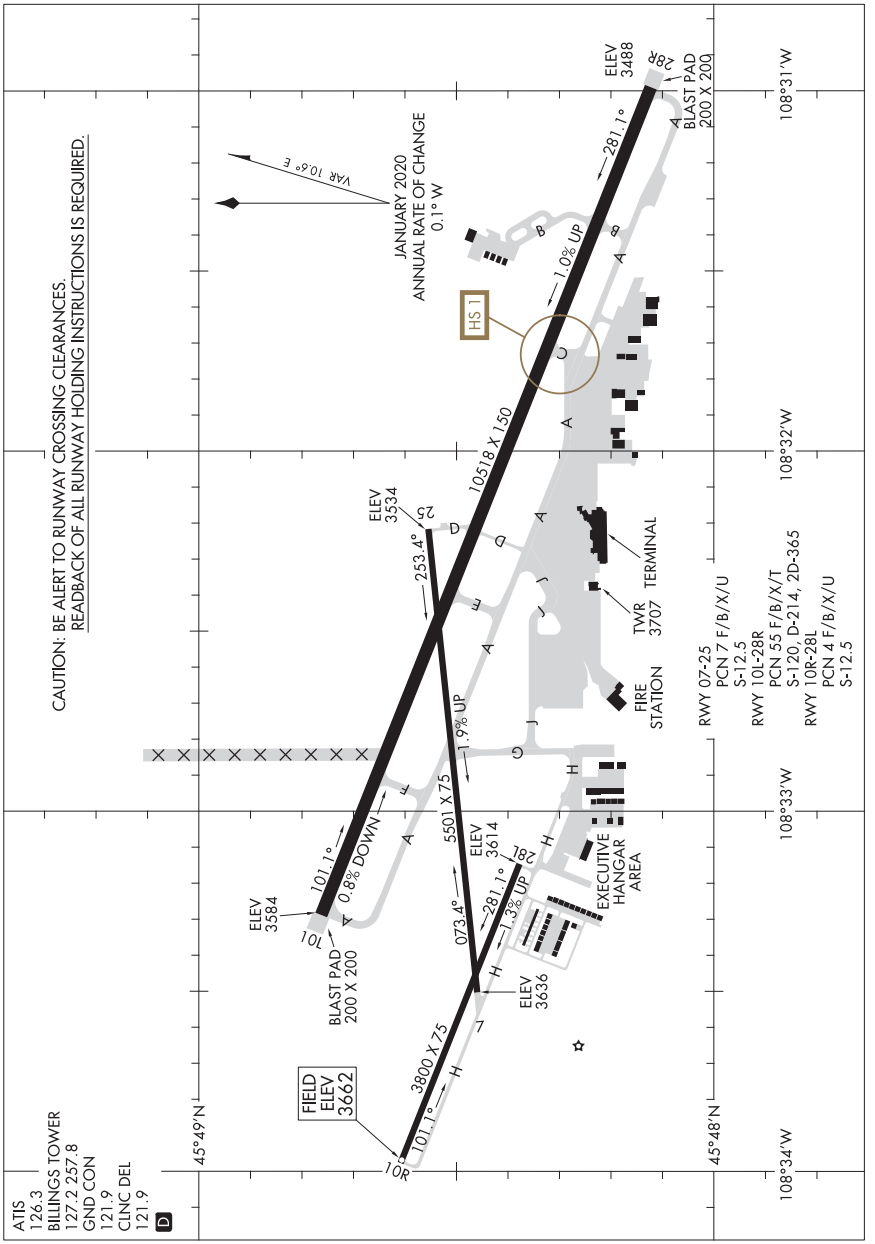
AIRPORT DIAGRAM
20086
BELLINGHAM, WASHINGTON
BELLINGHAM INTL (BLI)

20086

AIRPORT DIAGRAM

AL-48 (FAA)

BILLINGS LOGAN INTL (BIL)
BILLINGS, MONTANA



AIRPORT DIAGRAM

20086

BILLINGS, MONTANA
BILLINGS LOGAN INTL (BIL)

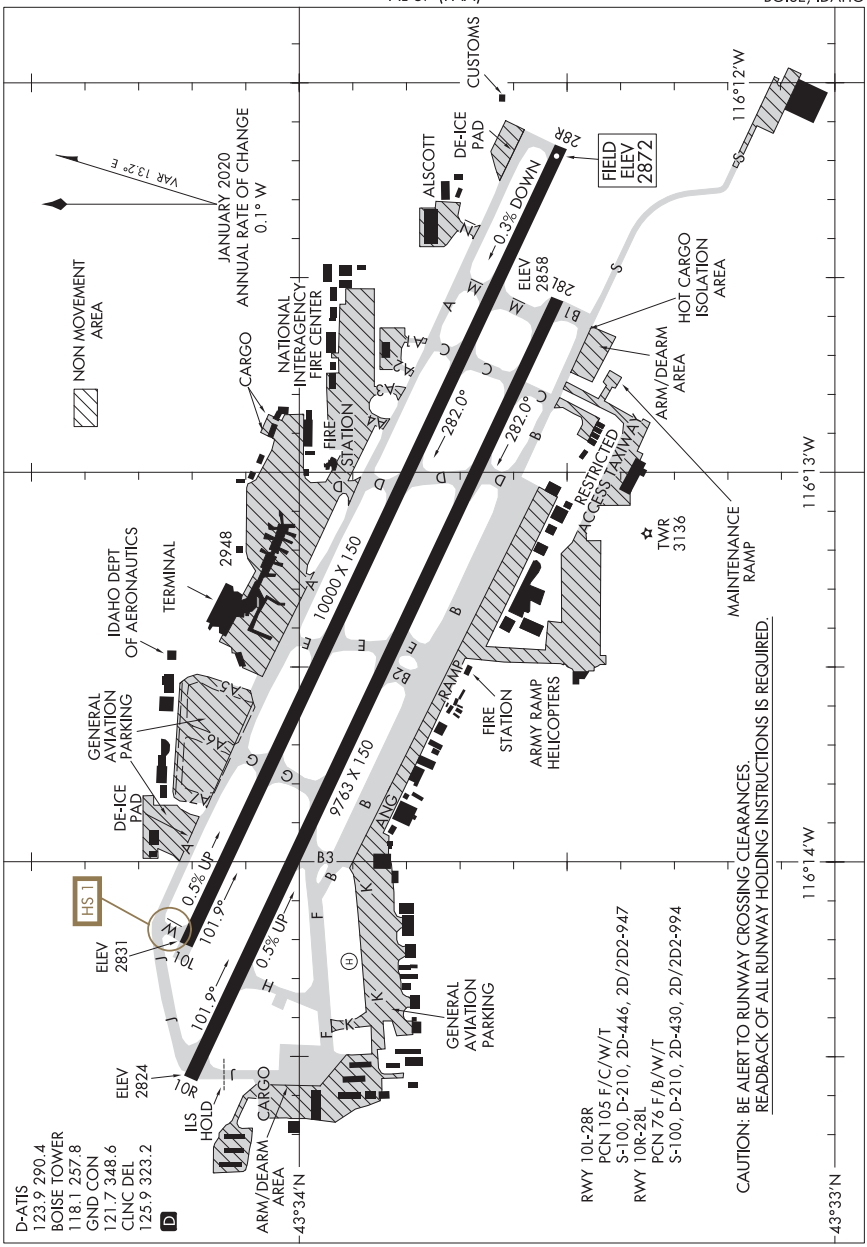
20086

AIRPORT DIAGRAM

BOISE AIR TERMINAL/GOWEN FIELD (BOI)

AL-57 (FAA)

BOISE, IDAHO



AIRPORT DIAGRAM

BOISE, IDAHO

BOISE AIR TERMINAL/GOWEN FIELD (BOI)

20086

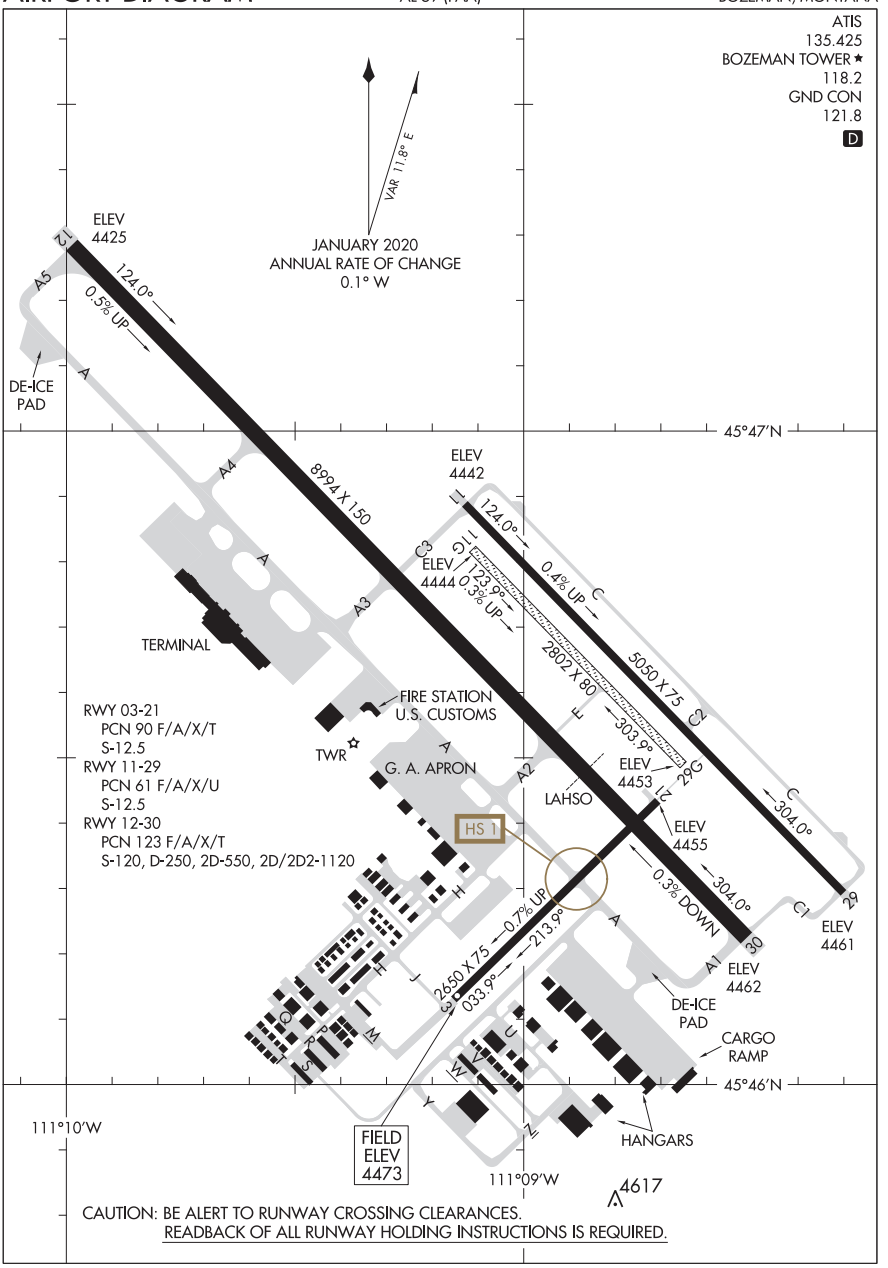
20310

AIRPORT DIAGRAM

AL-59 (FAA)

BOZEMAN YELLOWSTONE INTL (BZN)

BOZEMAN, MONTANA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

20310

BOZEMAN, MONTANA

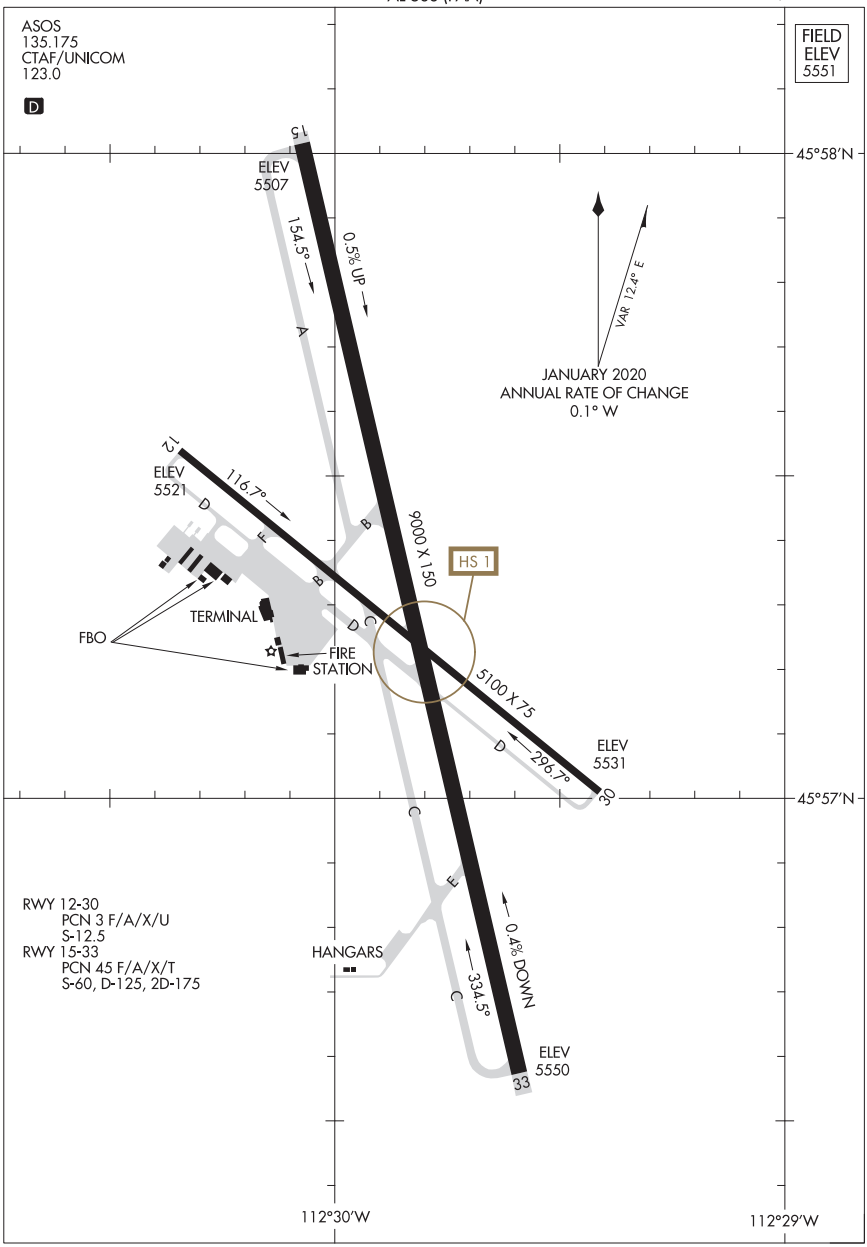
BOZEMAN YELLOWSTONE INTL (BZN)

20086

AIRPORT DIAGRAM

BERT MOONEY (BTM)
BUTTE, MONTANA

AL-588 (FAA)



AIRPORT DIAGRAM

20086

BUTTE, MONTANA
BERT MOONEY (BTM)

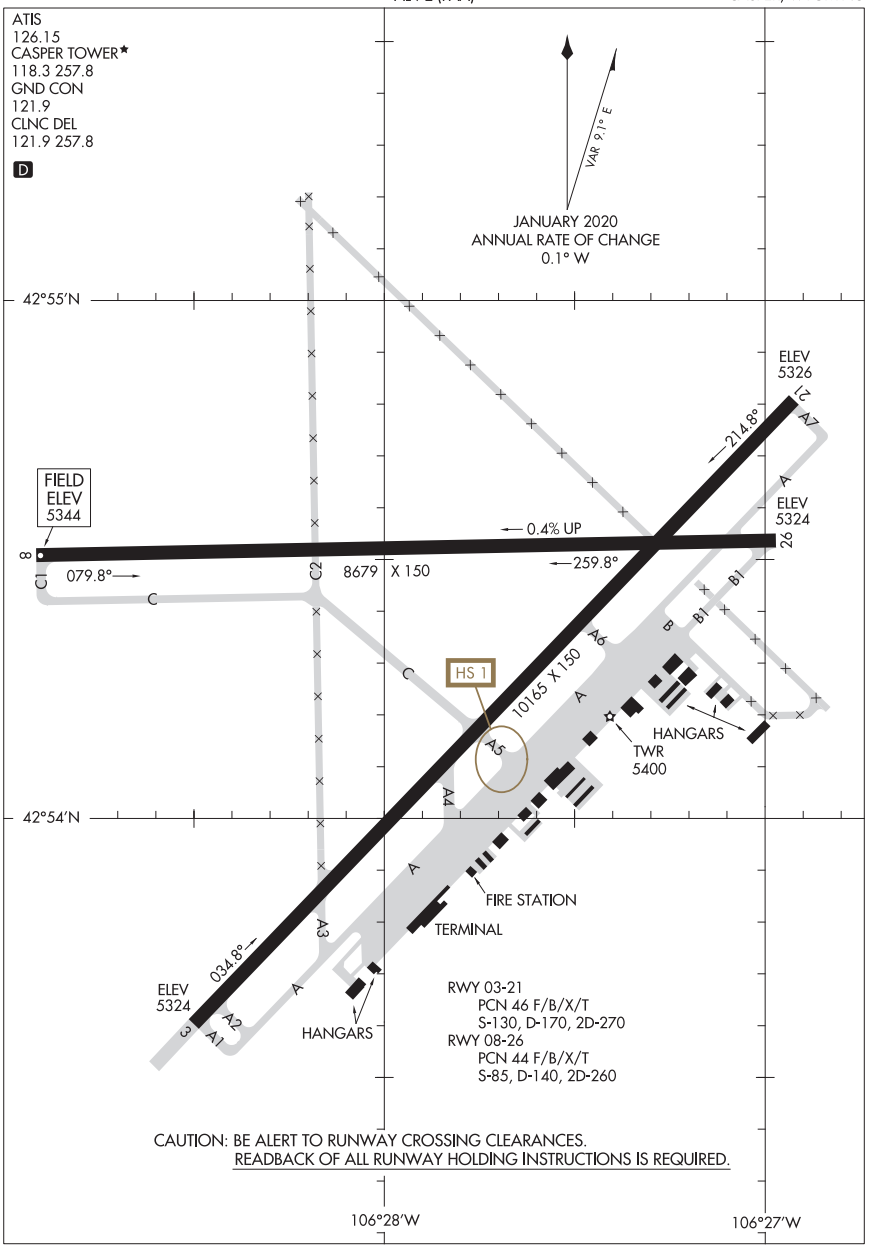
20086

AIRPORT DIAGRAM

CASPER/NATRONA COUNTY INTL (CPR)

AL-72 (FAA)

CASPER, WYOMING



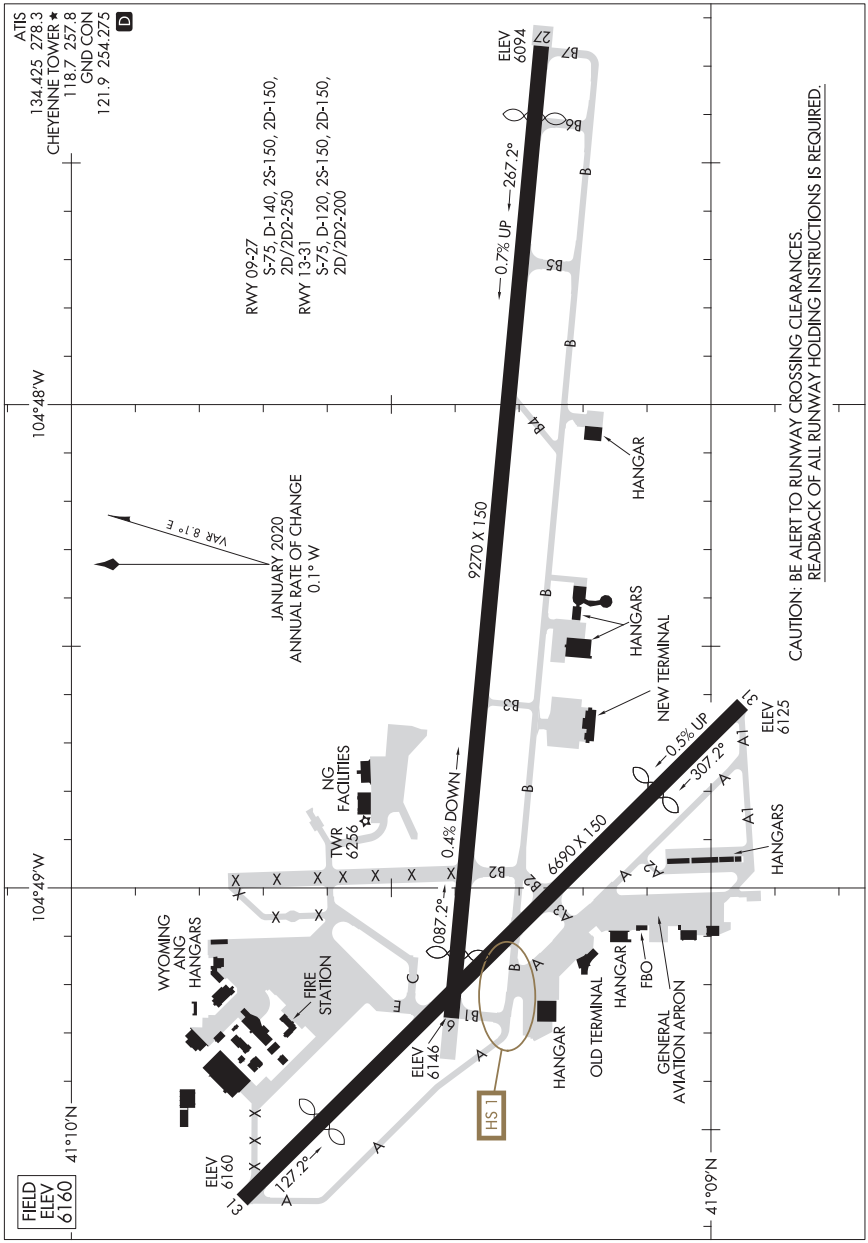
AIRPORT DIAGRAM
20086
CASPER, WYOMING
CASPER/NATRONA COUNTY INTL (CPR)

20086

AIRPORT DIAGRAM

CHEYENNE RGNL/JERRY OLSON FIELD (CYS)
CHEYENNE, WYOMING

AL-80 (FAA)



AIRPORT DIAGRAM

CHEYENNE, WYOMING
CHEYENNE RGNL/JERRY OLSON FIELD (CYS)

20086

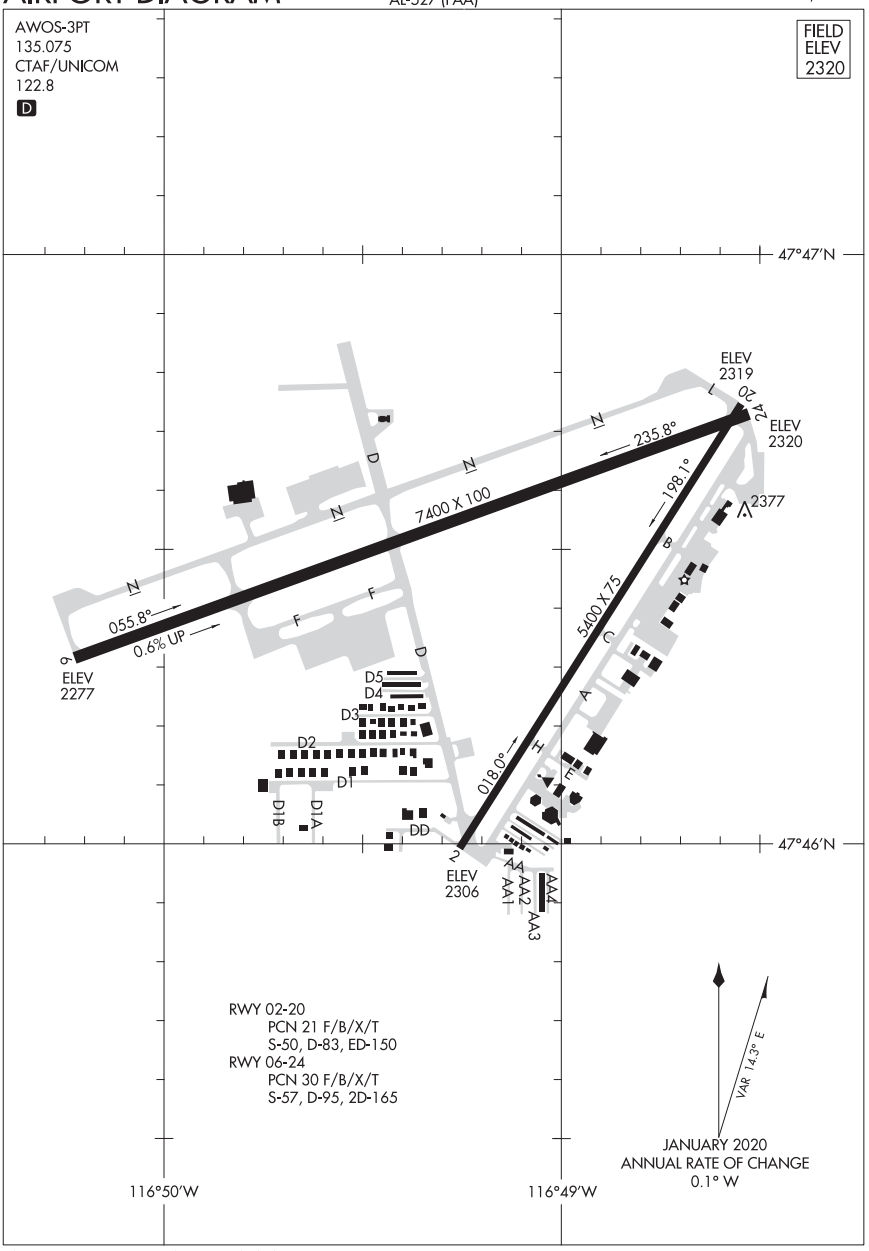
20254

AIRPORT DIAGRAM

COEUR D'ALENE-PAPPY BOYINGTON FIELD (COE)

AL-527 (FAA)

COEUR D'ALENE, IDAHO



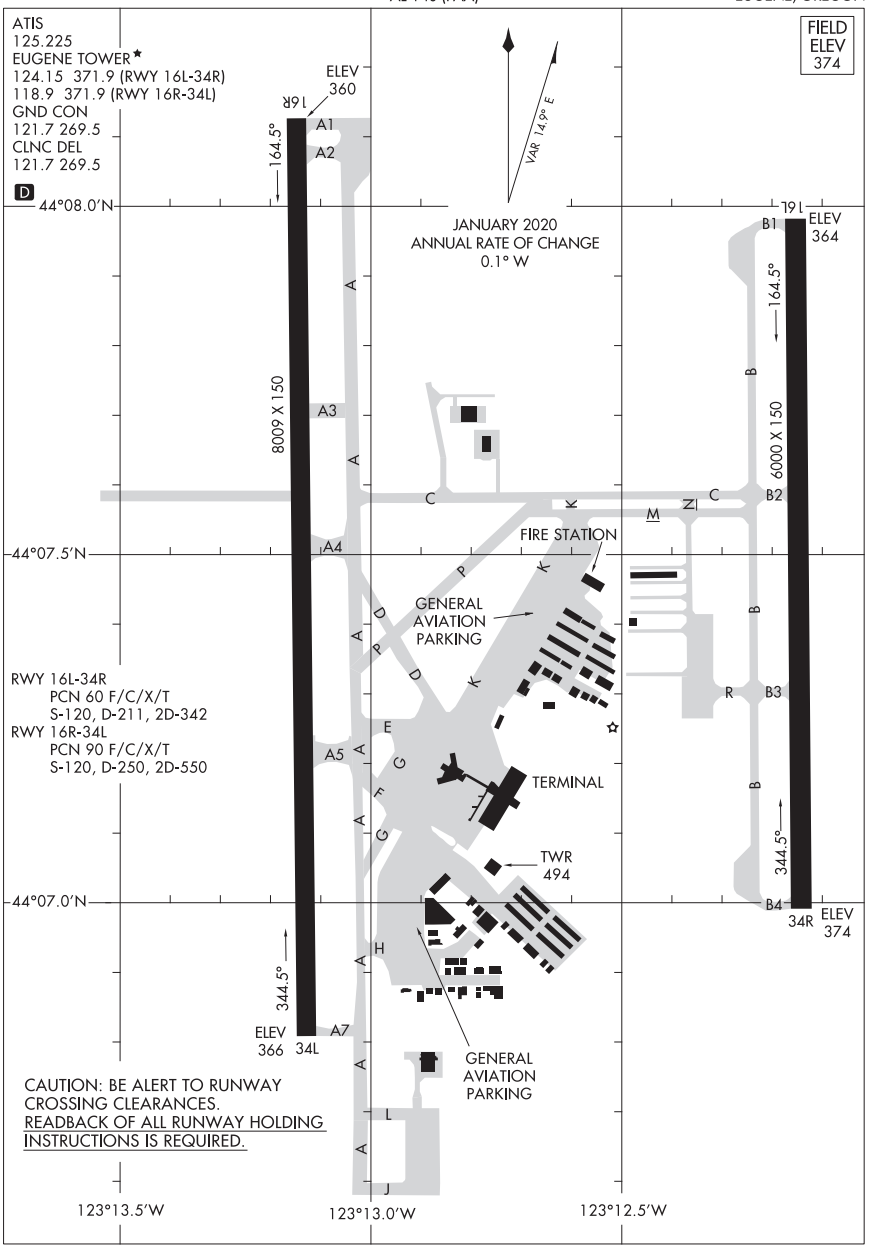
AIRPORT DIAGRAM
20254
COEUR D'ALENE, IDAHO
COEUR D'ALENE-PAPPY BOYINGTON FIELD (COE)

20254

AIRPORT DIAGRAM

MAHLON SWEET FIELD (EUG)
EUGENE, OREGON

AL-140 (FAA)



AIRPORT DIAGRAM
20254

EUGENE, OREGON
MAHLON SWEET FIELD (EUG)

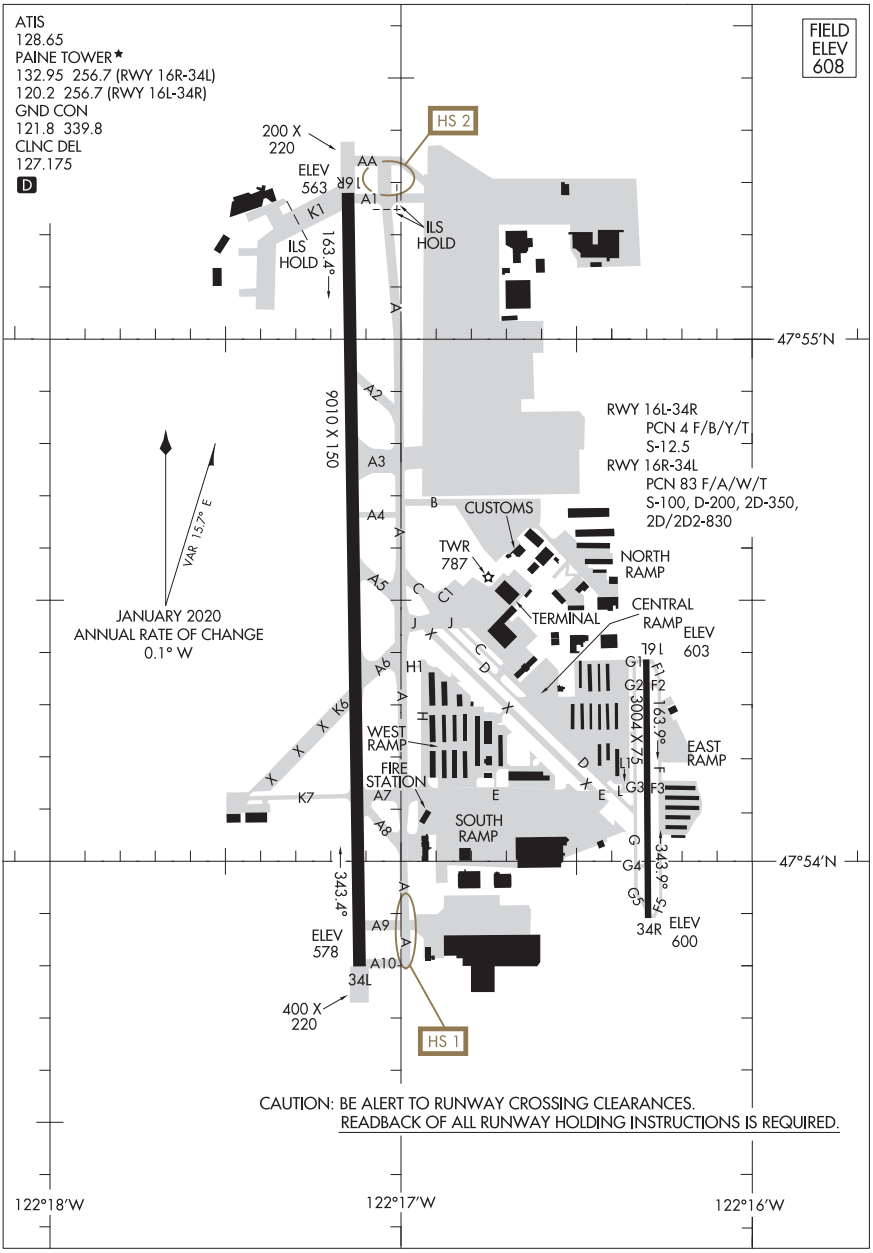
20310

AIRPORT DIAGRAM

SNOHOMISH COUNTY (PAINE FIELD) (PAE)

AL-142 (FAA)

EVERETT, WASHINGTON



AIRPORT DIAGRAM

20310

EVERETT, WASHINGTON

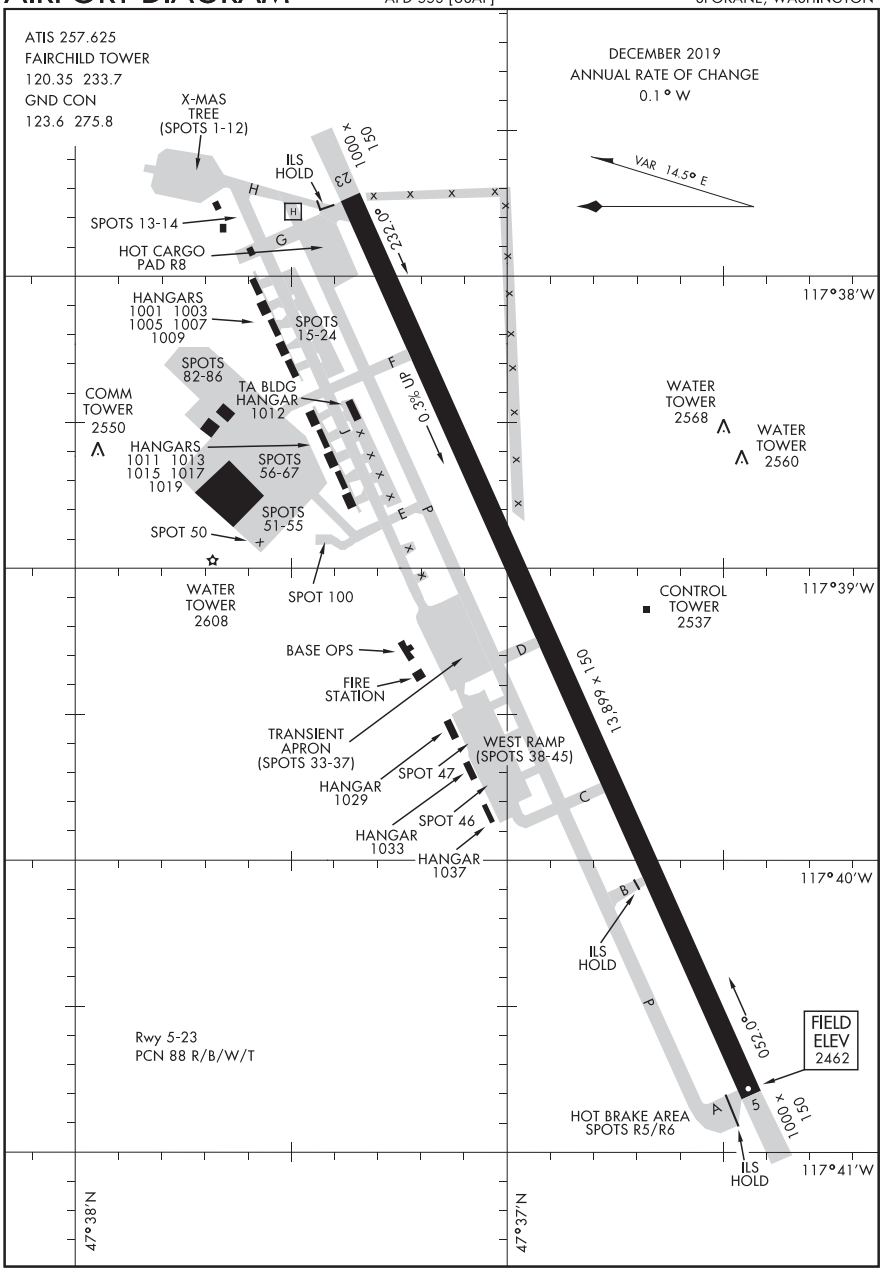
SNOHOMISH COUNTY (PAINE FIELD) (PAE)

19339

AIRPORT DIAGRAM

AFD-553 [USAF]

FAIRCHILD AFB (KSKA)
SPOKANE, WASHINGTON



AIRPORT DIAGRAM

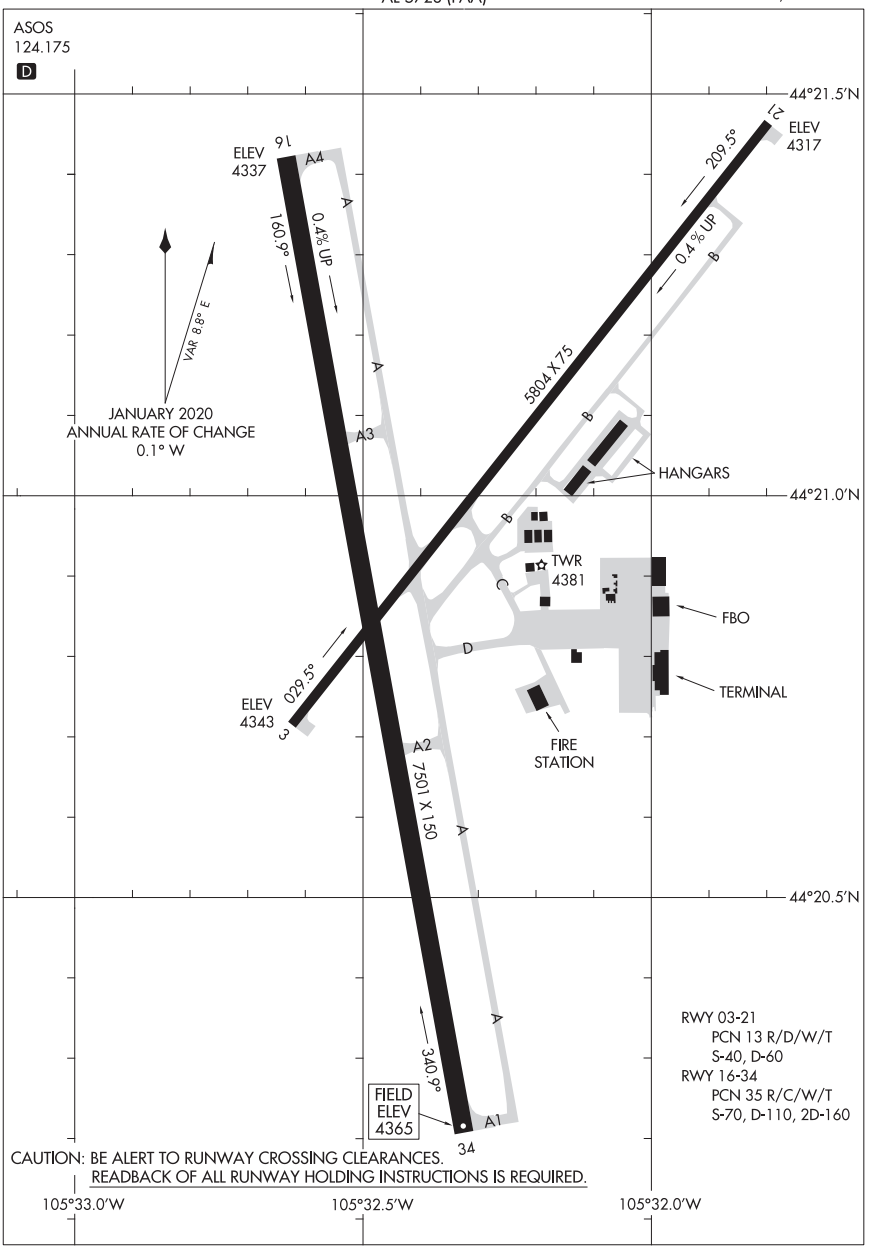
SPOKANE, WASHINGTON
FAIRCHILD AFB (KSKA)

20310

AIRPORT DIAGRAM

NORTHEAST WYOMING RGNL (GCC)
GILLETTE, WYOMING

AL-5728 (FAA)



AIRPORT DIAGRAM
20310
GILLETTE, WYOMING
NORTHEAST WYOMING RGNL (GCC)

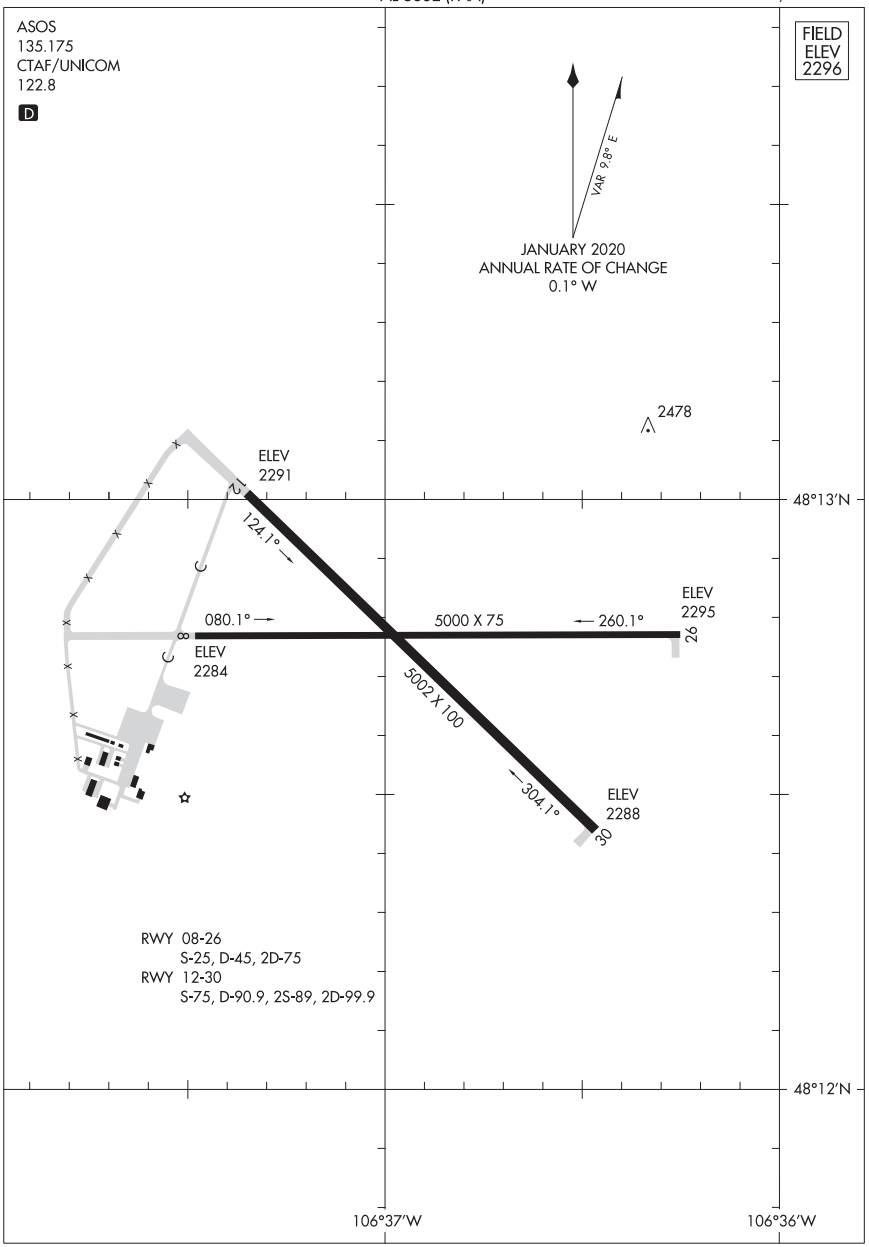
20086

AIRPORT DIAGRAM

WOKAL FIELD/GLASGOW-VALLEY COUNTY (GGW)

AL-5382 (FAA)

GLASGOW, MONTANA



AIRPORT DIAGRAM

20086

GLASGOW, MONTANA

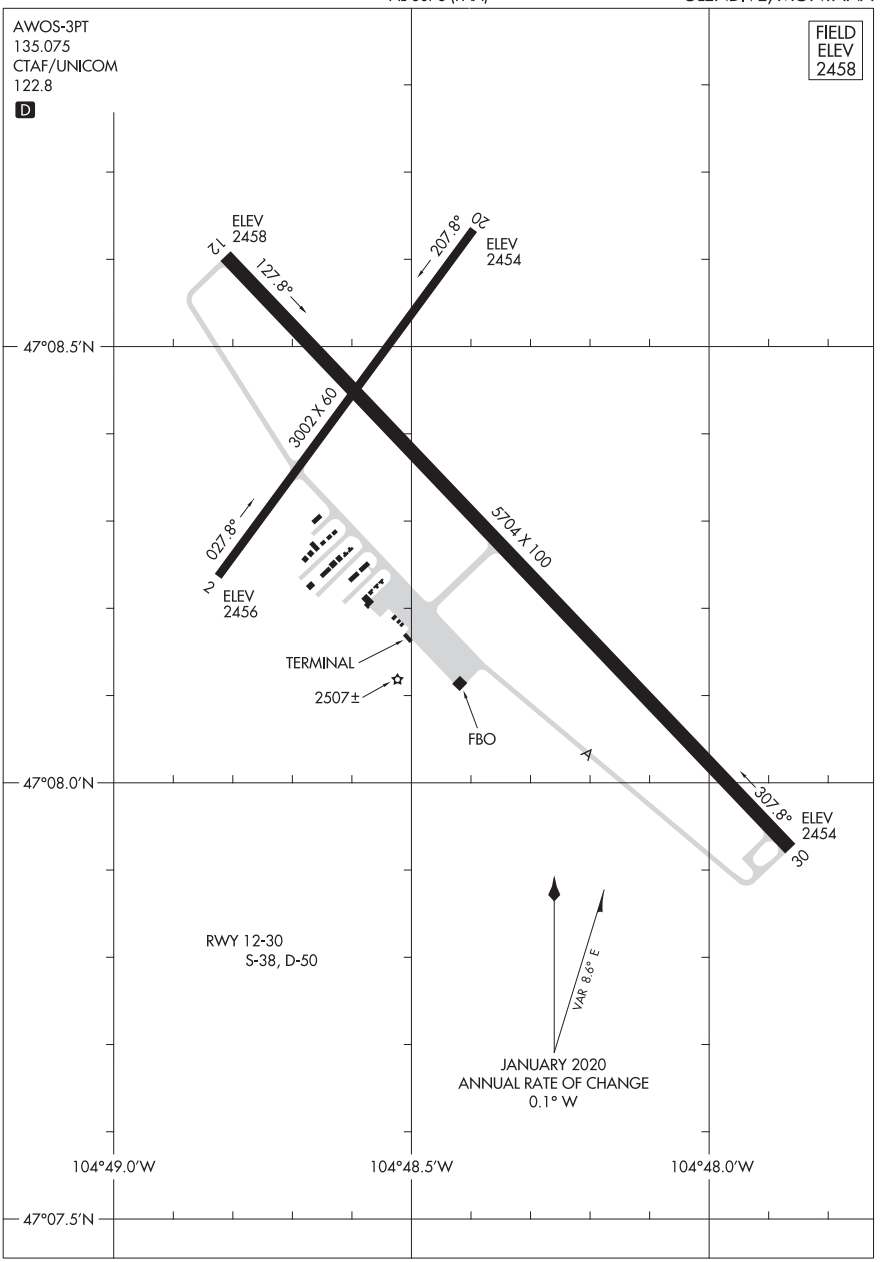
WOKAL FIELD/GLASGOW-VALLEY COUNTY (GGW)

20086

AIRPORT DIAGRAM

AL-6078 (FAA)

DAWSON COMMUNITY (GDV)
GLENDIVE, MONTANA



AIRPORT DIAGRAM

20086

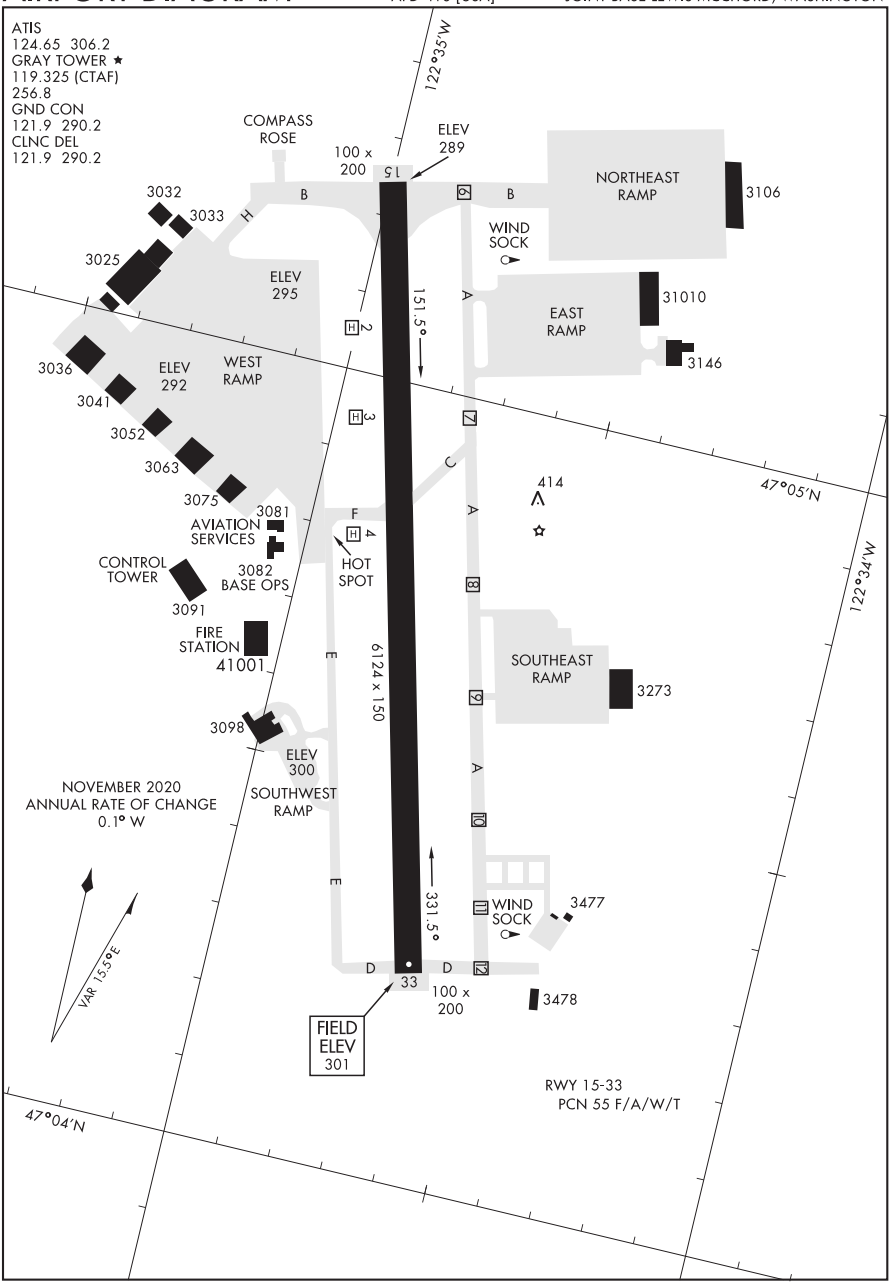
GLENDIVE, MONTANA
DAWSON COMMUNITY (GDV)

20310

AIRPORT DIAGRAM

AFD-413 [USA]

GRAY AAF (KGRF)
JOINT BASE LEWIS MCCHORD, WASHINGTON



AIRPORT DIAGRAM

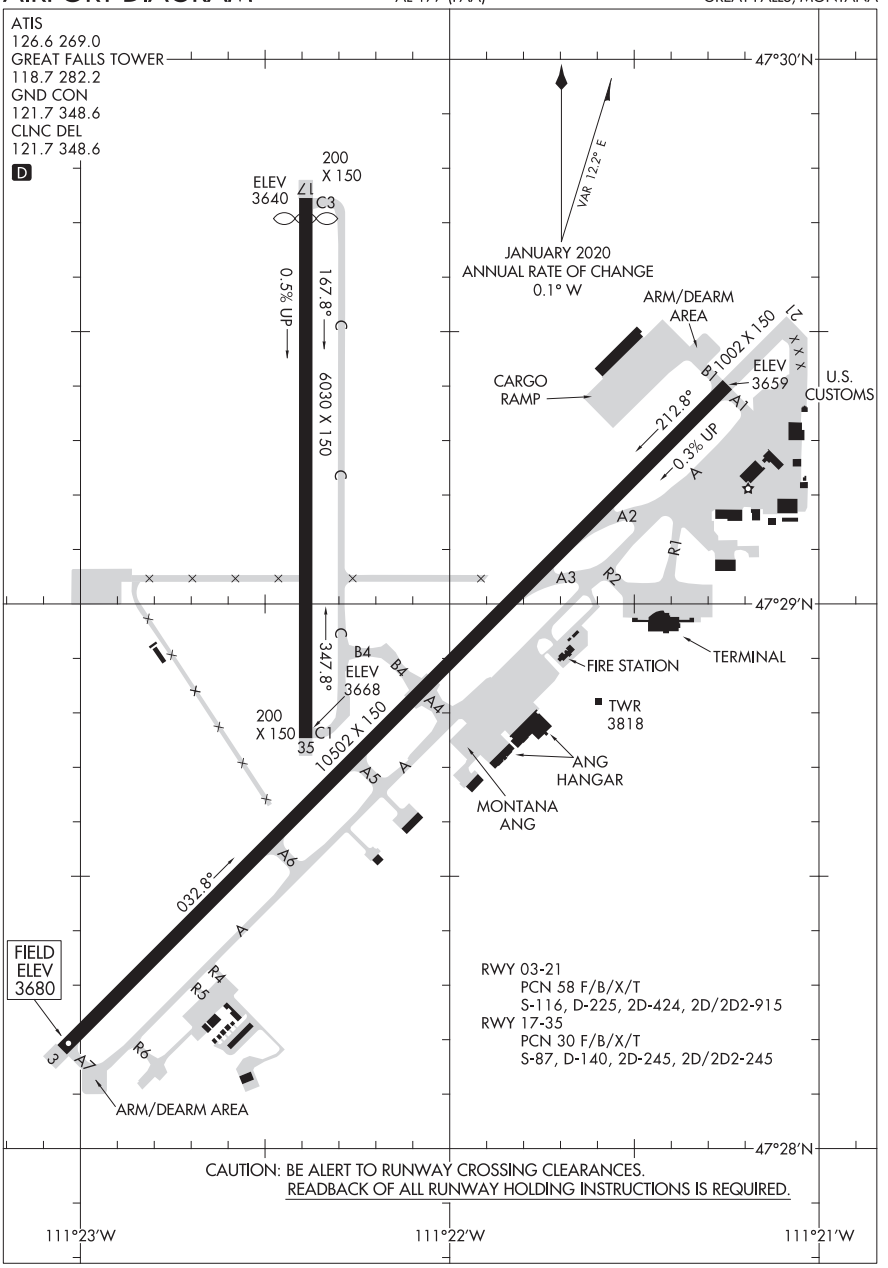
JOINT BASE LEWIS MCCHORD, WASHINGTON
GRAY AAF (KGRF)

20086

AIRPORT DIAGRAM

AL-177 (FAA)

GREAT FALLS INTL (GTF)
GREAT FALLS, MONTANA



AIRPORT DIAGRAM

20086

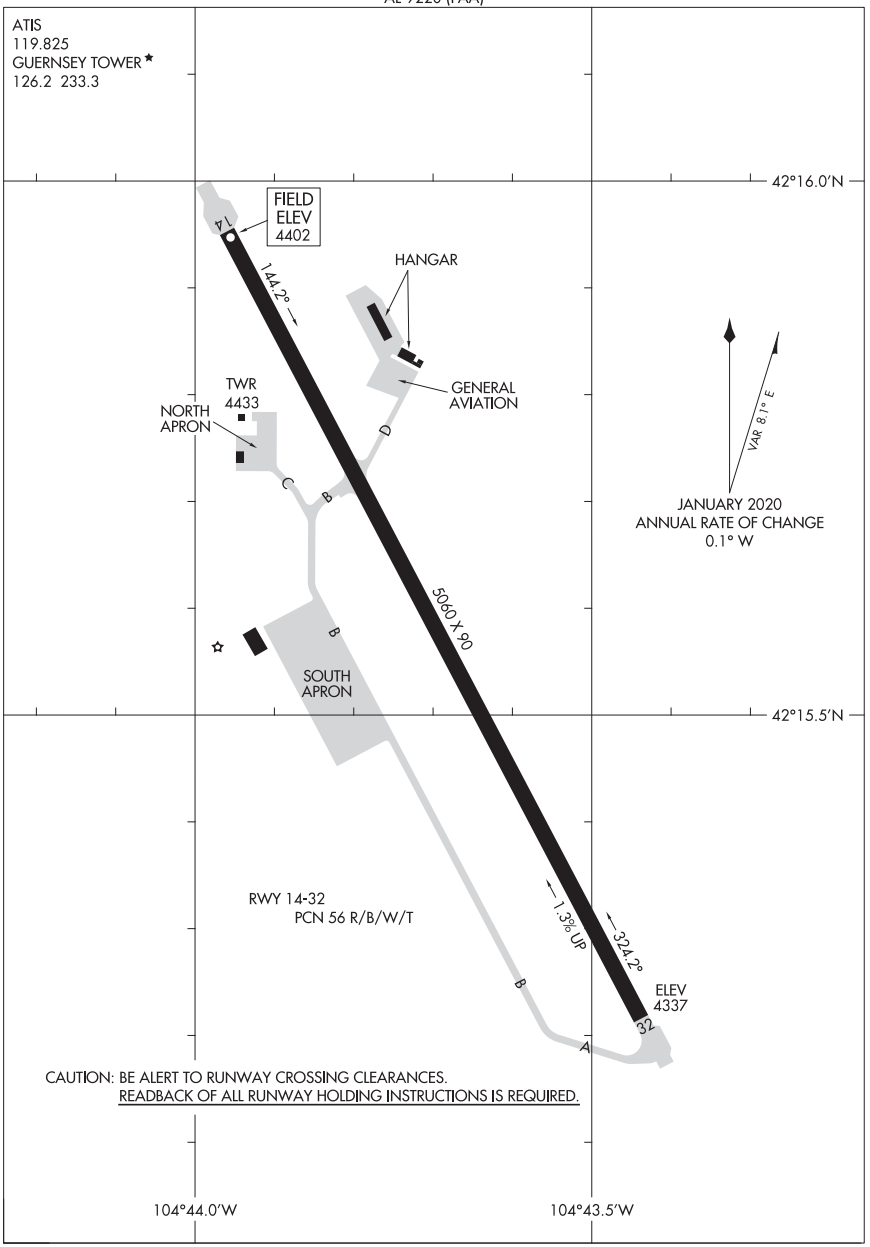
GREAT FALLS, MONTANA
GREAT FALLS INTL (GTF)

20086

AIRPORT DIAGRAM

CAMP GUERNSEY (GUR)
GUERNSEY, WYOMING

AL-9220 (FAA)



AIRPORT DIAGRAM

20086

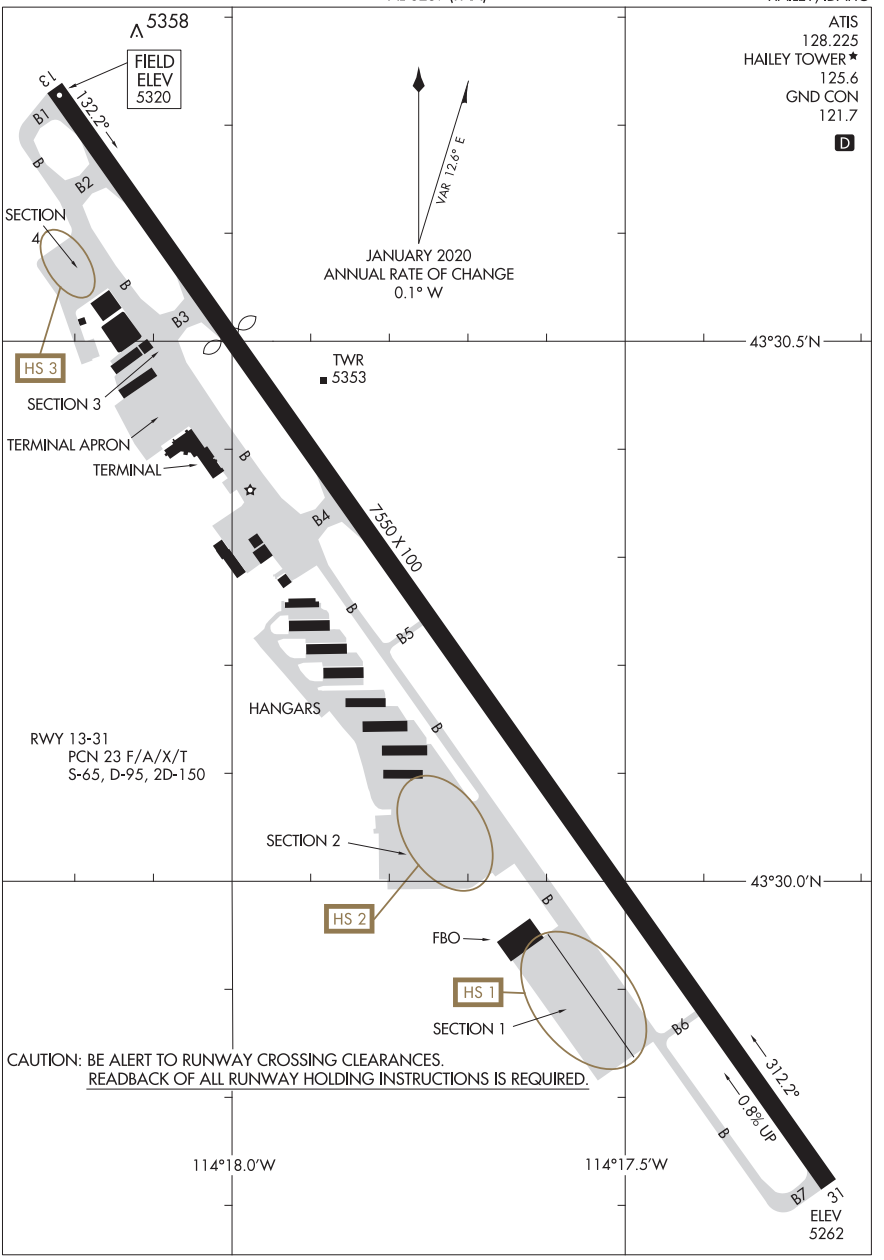
GUERNSEY, WYOMING
CAMP GUERNSEY (GUR)

20086

AIRPORT DIAGRAM

AL-6239 (FAA)

FRIEDMAN MEMORIAL (SUN)
HAILEY, IDAHO



AIRPORT DIAGRAM

20086

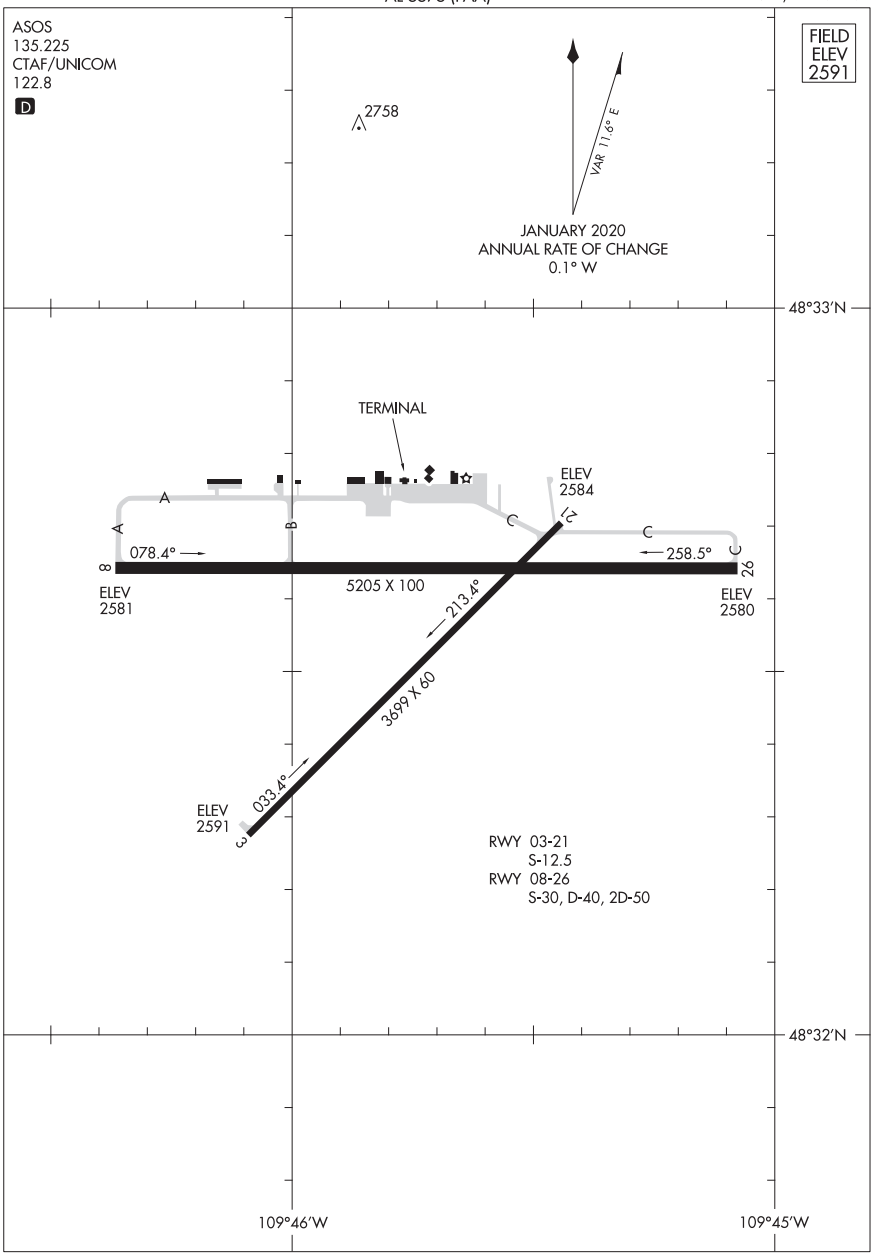
HAILEY, IDAHO
FRIEDMAN MEMORIAL (SUN)

20086

AIRPORT DIAGRAM

HAVRE CITY-COUNTY (HVR)
HAVRE, MONTANA

AL-5575 (FAA)



AIRPORT DIAGRAM

20086

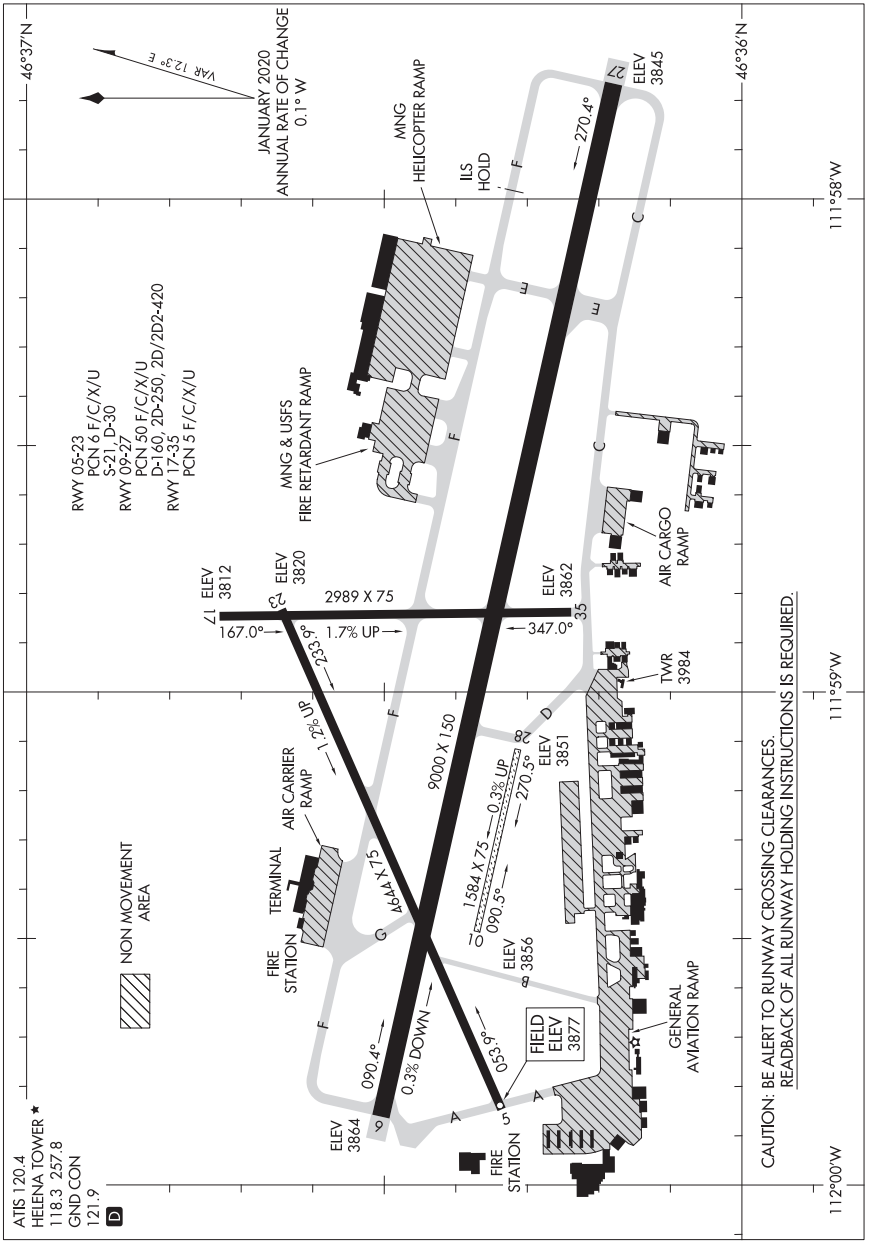
HAVRE, MONTANA
HAVRE CITY-COUNTY (HVR)

20086

AIRPORT DIAGRAM

AL-192 (FAA)

HELENA RGNL (HLN)
HELENA, MONTANA



AIRPORT DIAGRAM

20086

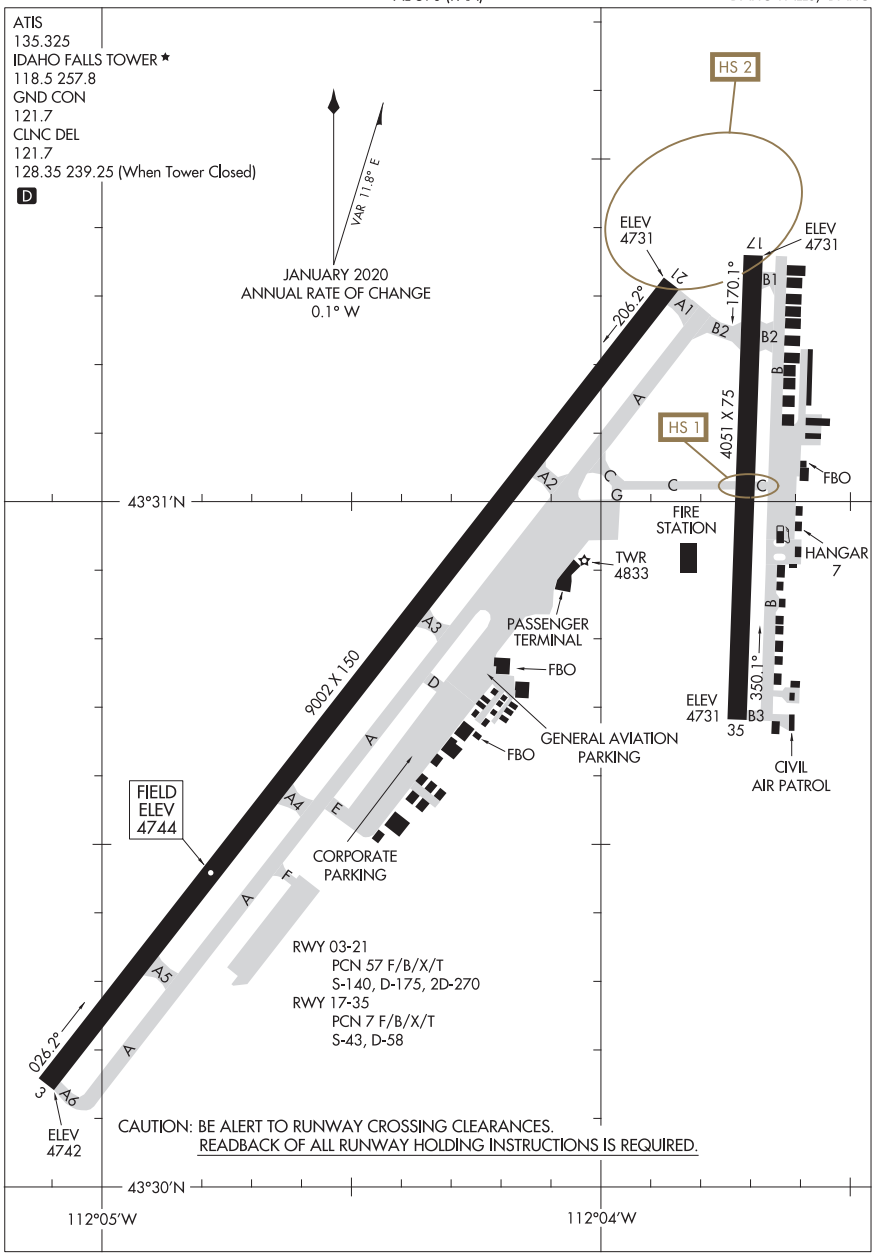
HELENA, MONTANA
HELENA RGNL (HLN)

20310

AIRPORT DIAGRAM

AL-590 (FAA)

IDAHO FALLS RGNL (IDA)
IDAHO FALLS, IDAHO



AIRPORT DIAGRAM

20310

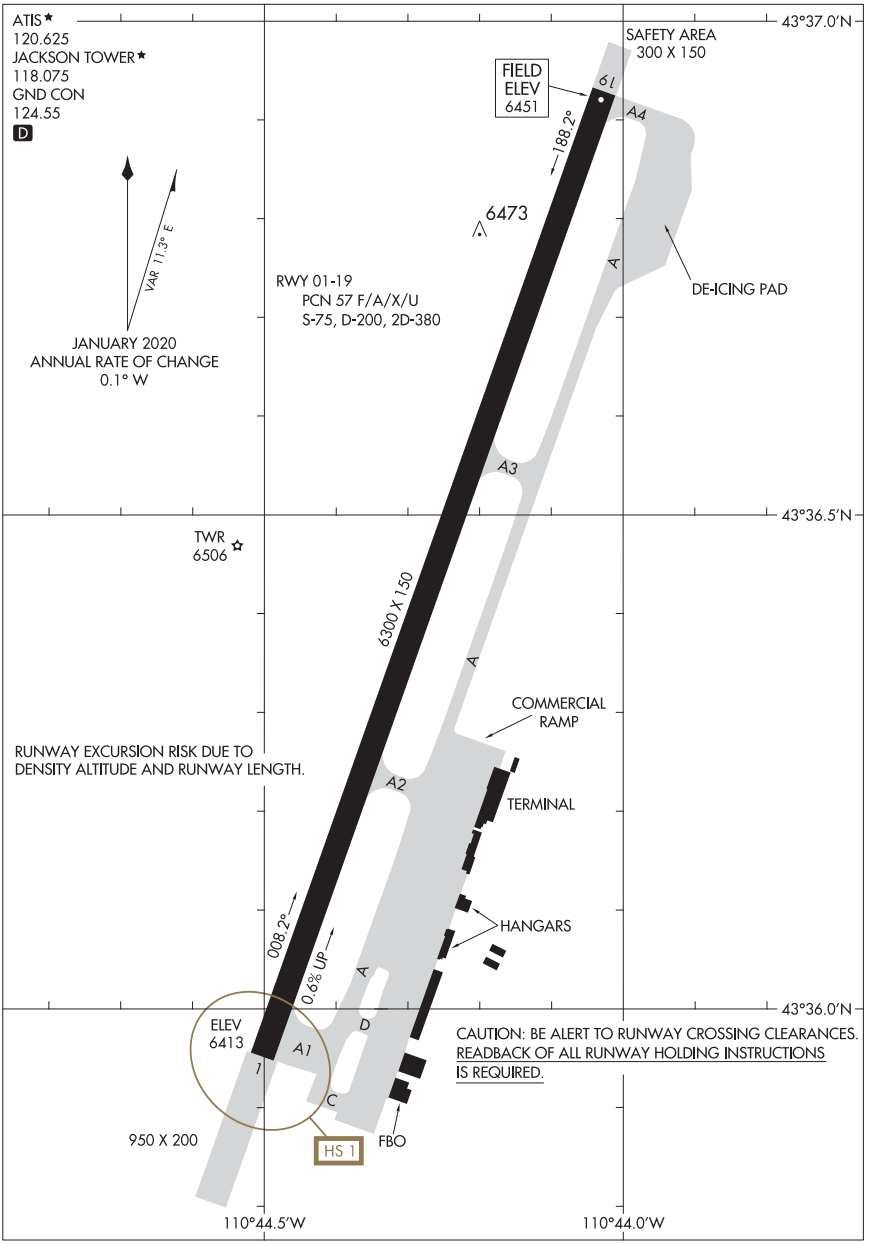
IDAHO FALLS, IDAHO
IDAHO FALLS RGNL (IDA)

20086

AIRPORT DIAGRAM

JACKSON HOLE (JAC)
JACKSON, WYOMING

AL-504 (FAA)



AIRPORT DIAGRAM

20086

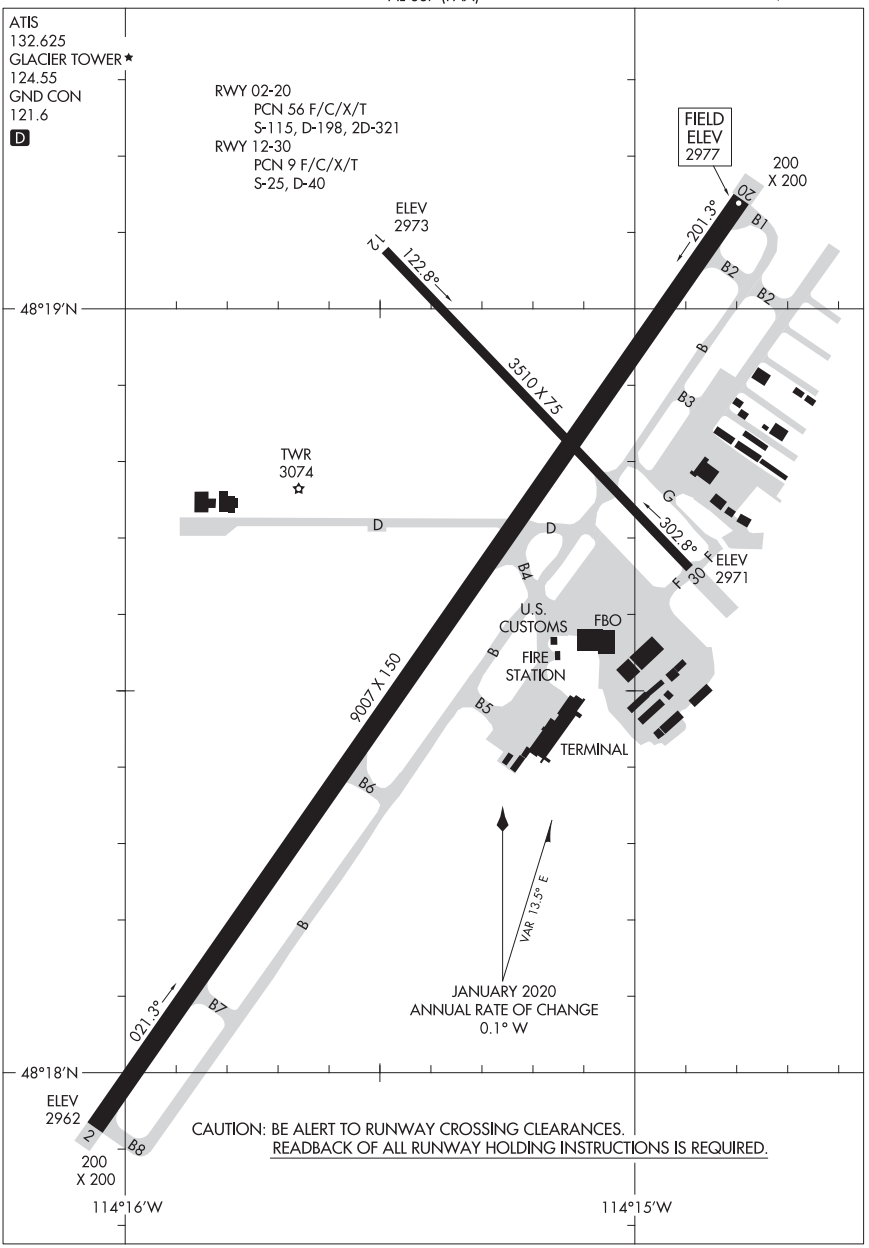
JACKSON, WYOMING
JACKSON HOLE (JAC)

20086

AIRPORT DIAGRAM

AL-887 (FAA)

GLACIER PARK INTL (GPI)
KALISPELL, MONTANA



AIRPORT DIAGRAM

20086

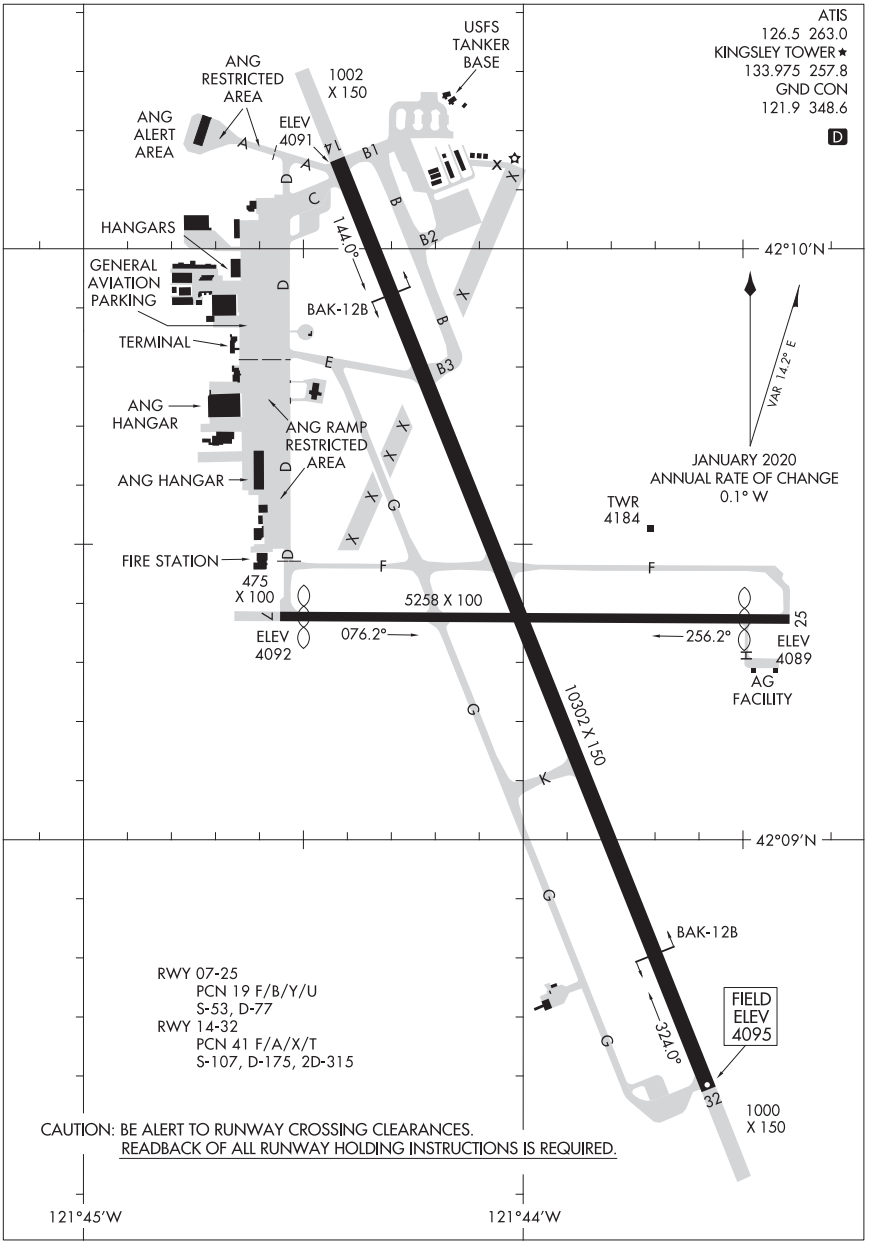
KALISPELL, MONTANA
GLACIER PARK INTL (GPI)

20086

AIRPORT DIAGRAM

AL-473 (FAA)

CRATER LAKE-KLAMATH RGNL (LMT)
KLAMATH FALLS, OREGON



AIRPORT DIAGRAM

20086

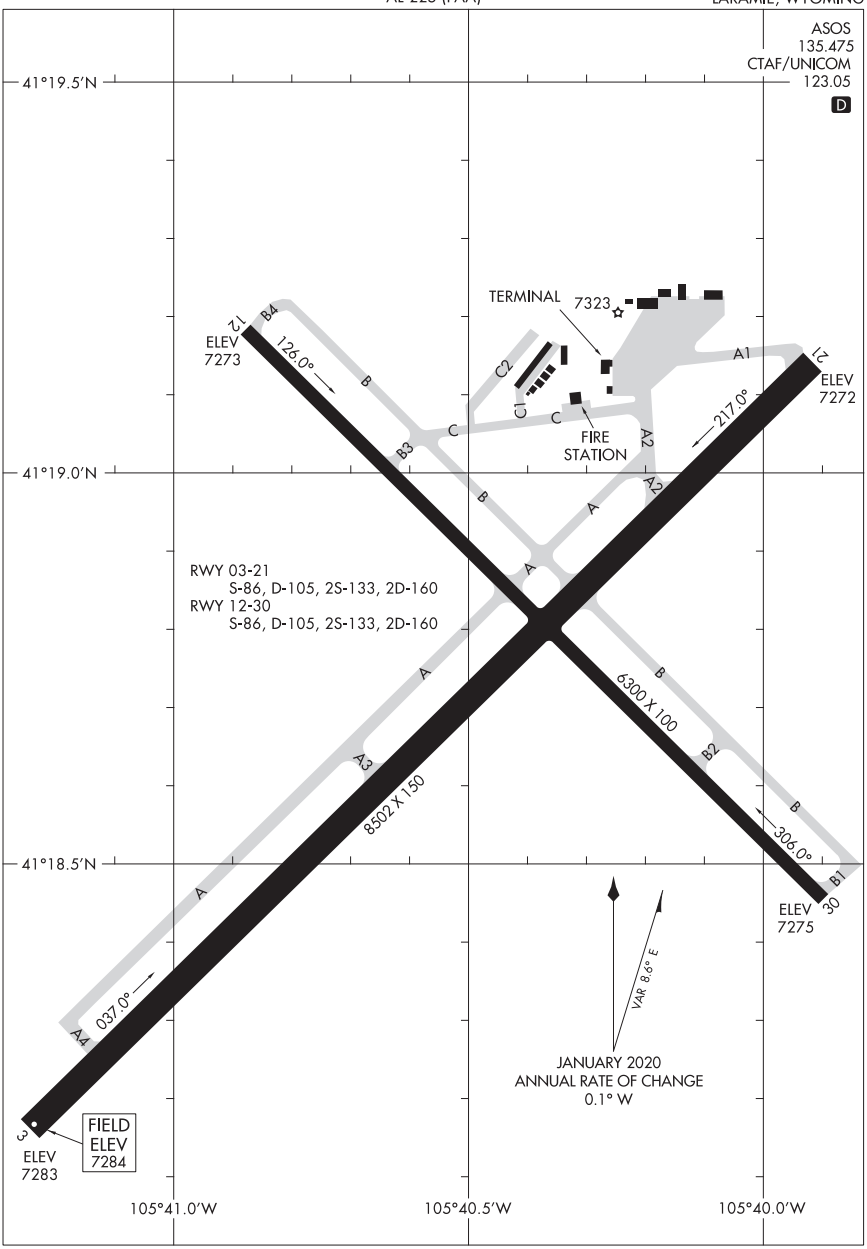
KLAMATH FALLS, OREGON
CRATER LAKE-KLAMATH RGNL (LMT)

20086

AIRPORT DIAGRAM

AL-225 (FAA)

LARAMIE RGNL (LAR)
LARAMIE, WYOMING



AIRPORT DIAGRAM

20086

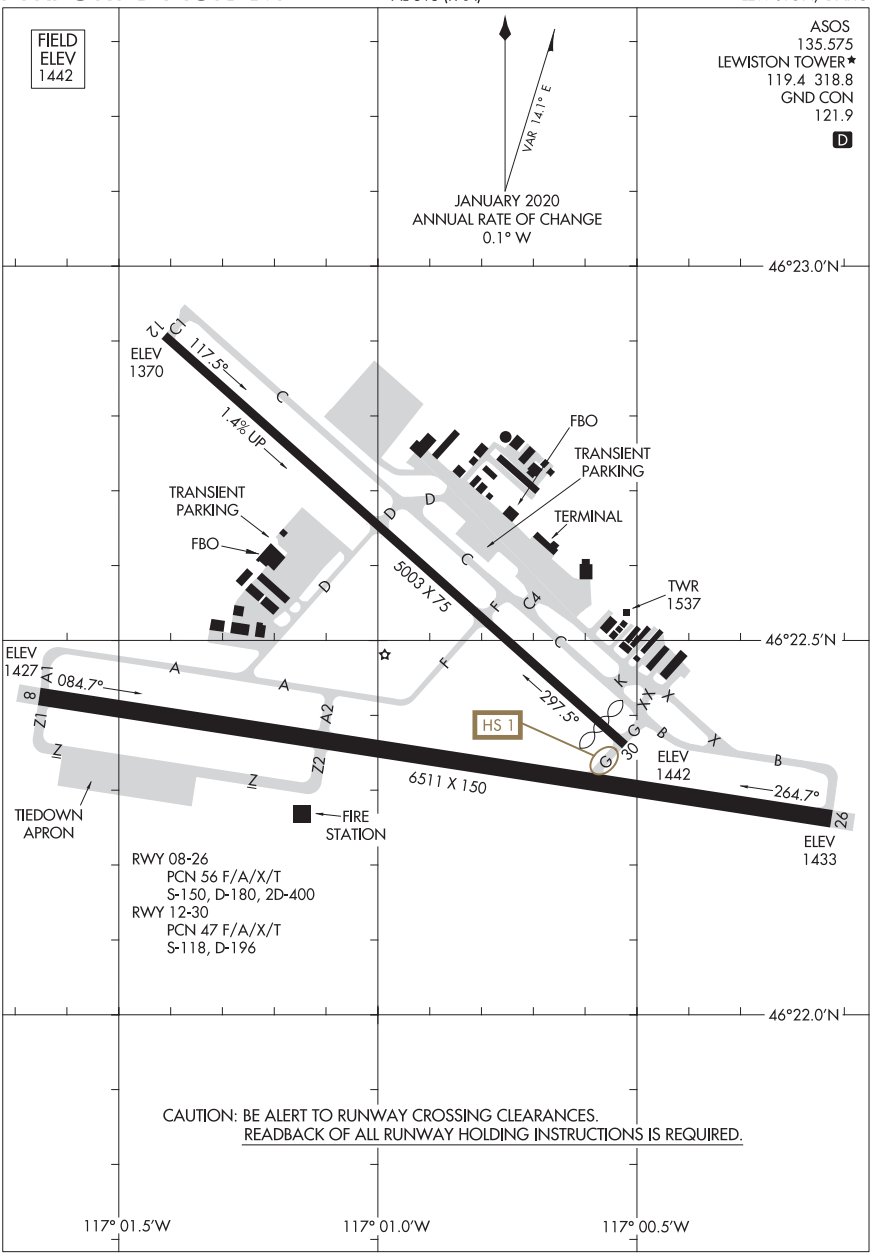
LARAMIE, WYOMING
LARAMIE RGNL (LAR)

20310

AIRPORT DIAGRAM

LEWISTON-NEZ PERCE COUNTY (LWS)
LEWISTON, IDAHO

AL-515 (FAA)



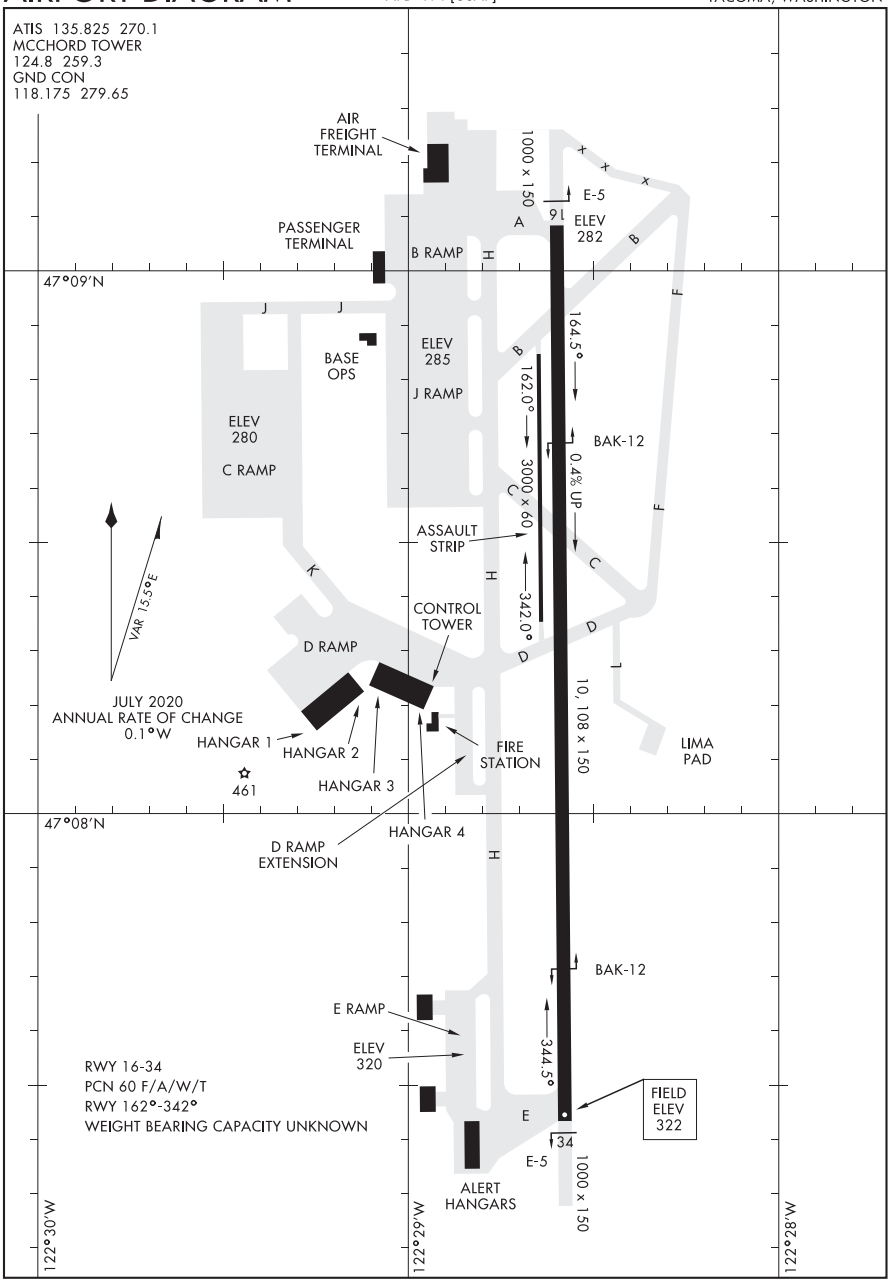
AIRPORT DIAGRAM
20310
LEWISTON, IDAHO
LEWISTON-NEZ PERCE COUNTY (LWS)

20198

AIRPORT DIAGRAM

MC CHORD FIELD (KTCM)
TACOMA, WASHINGTON

AFD-414 [USAF]



AIRPORT DIAGRAM

TACOMA, WASHINGTON
MC CHORD FIELD (KTCM)

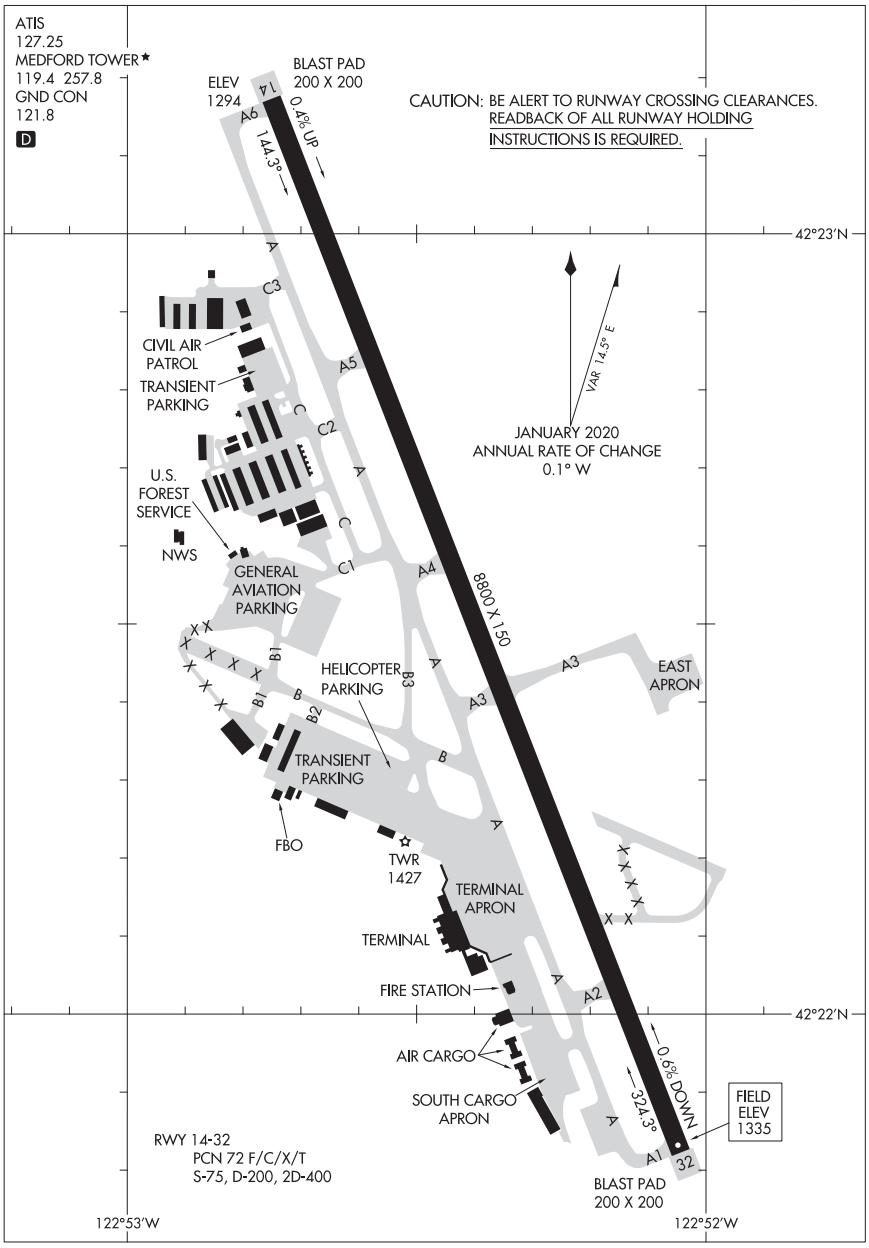
20254

AIRPORT DIAGRAM

ROGUE VALLEY INTL - MEDFORD (MFR)

AL-251 (FAA)

MEDFORD, OREGON



AIRPORT DIAGRAM

MEDFORD, OREGON

ROGUE VALLEY INTL - MEDFORD(MFR)

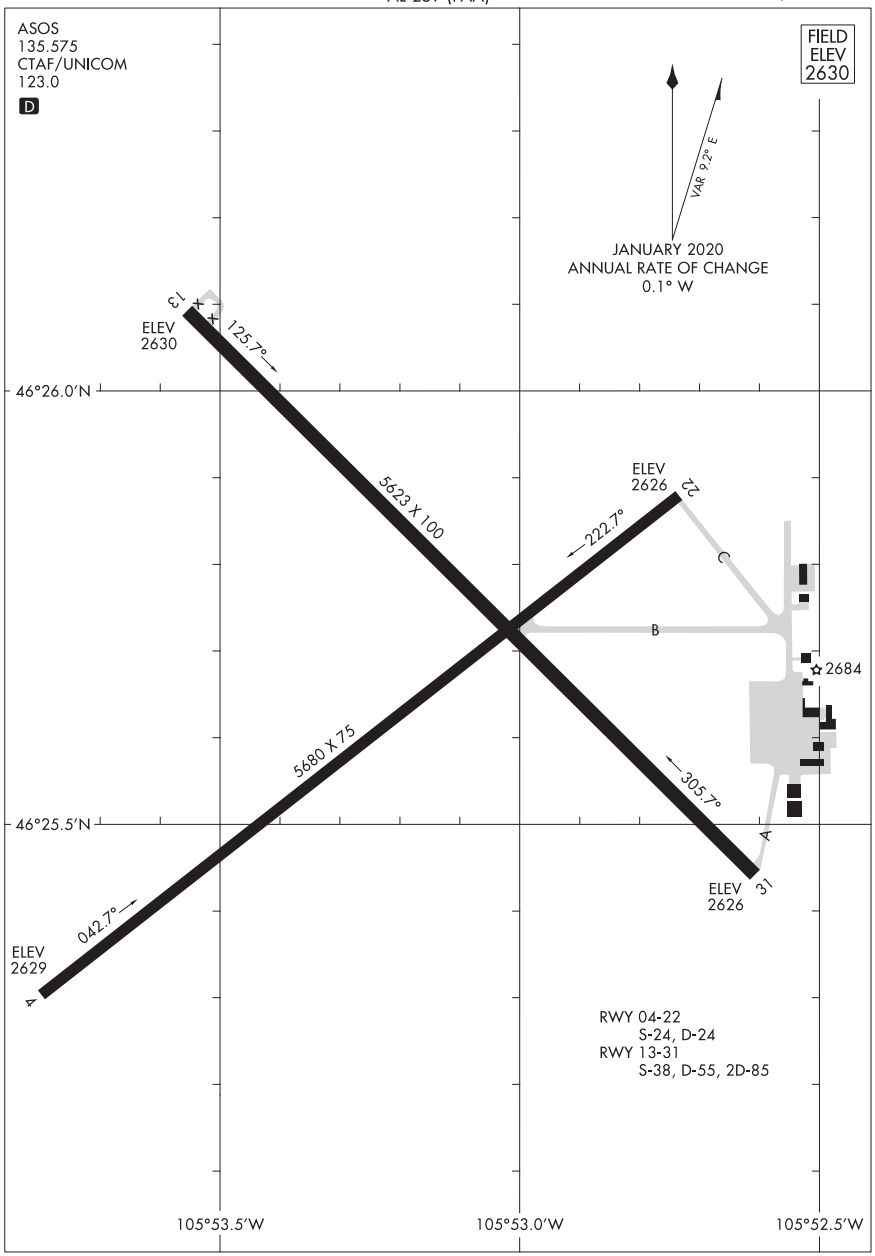
20254

20086

AIRPORT DIAGRAM

AL-259 (FAA)

FRANK WILEY FIELD (MLS)
MILES CITY, MONTANA



AIRPORT DIAGRAM

20086

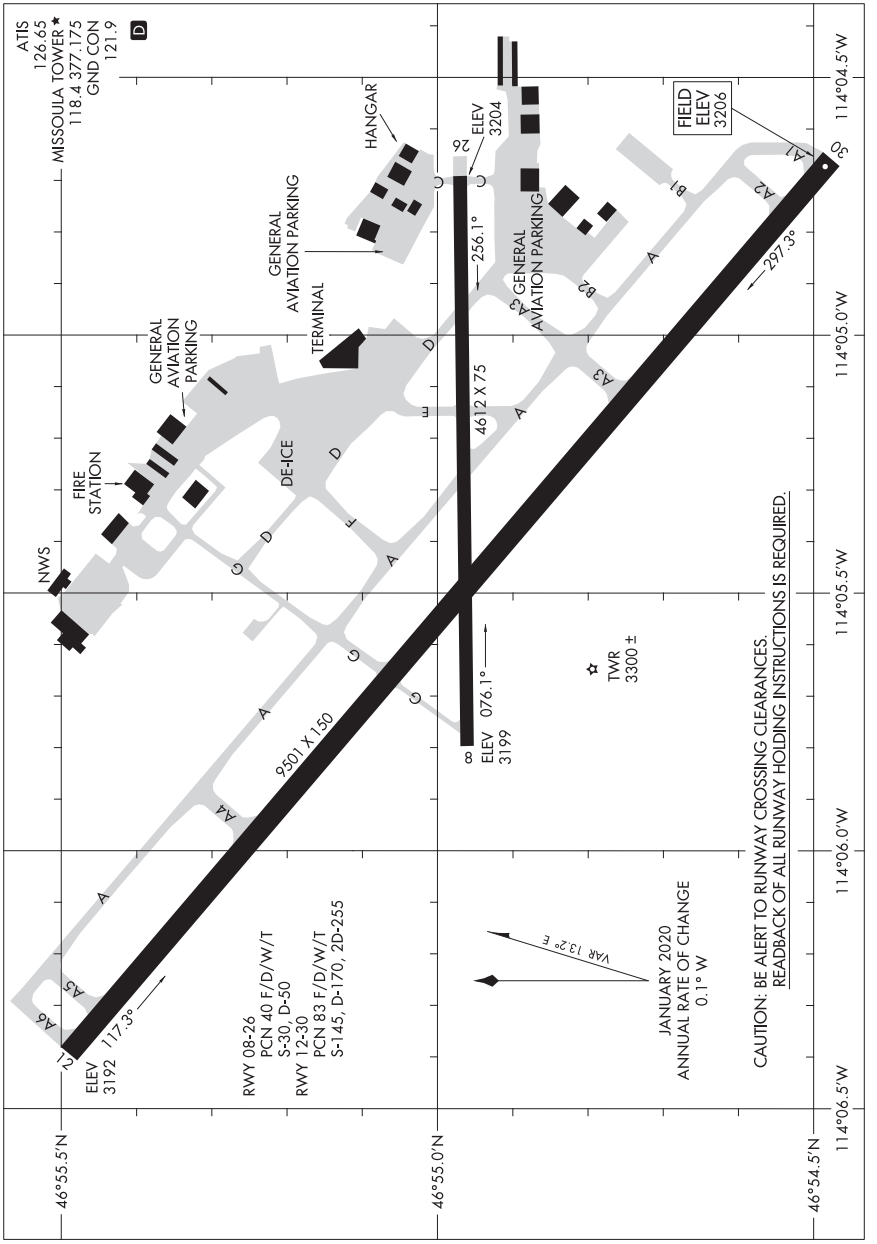
MILES CITY, MONTANA
FRANK WILEY FIELD (MLS)

20086

AIRPORT DIAGRAM

AL-266 (FAA)

MISSOULA INTL (MSO)
MISSOULA, MONTANA



AIRPORT DIAGRAM

20086

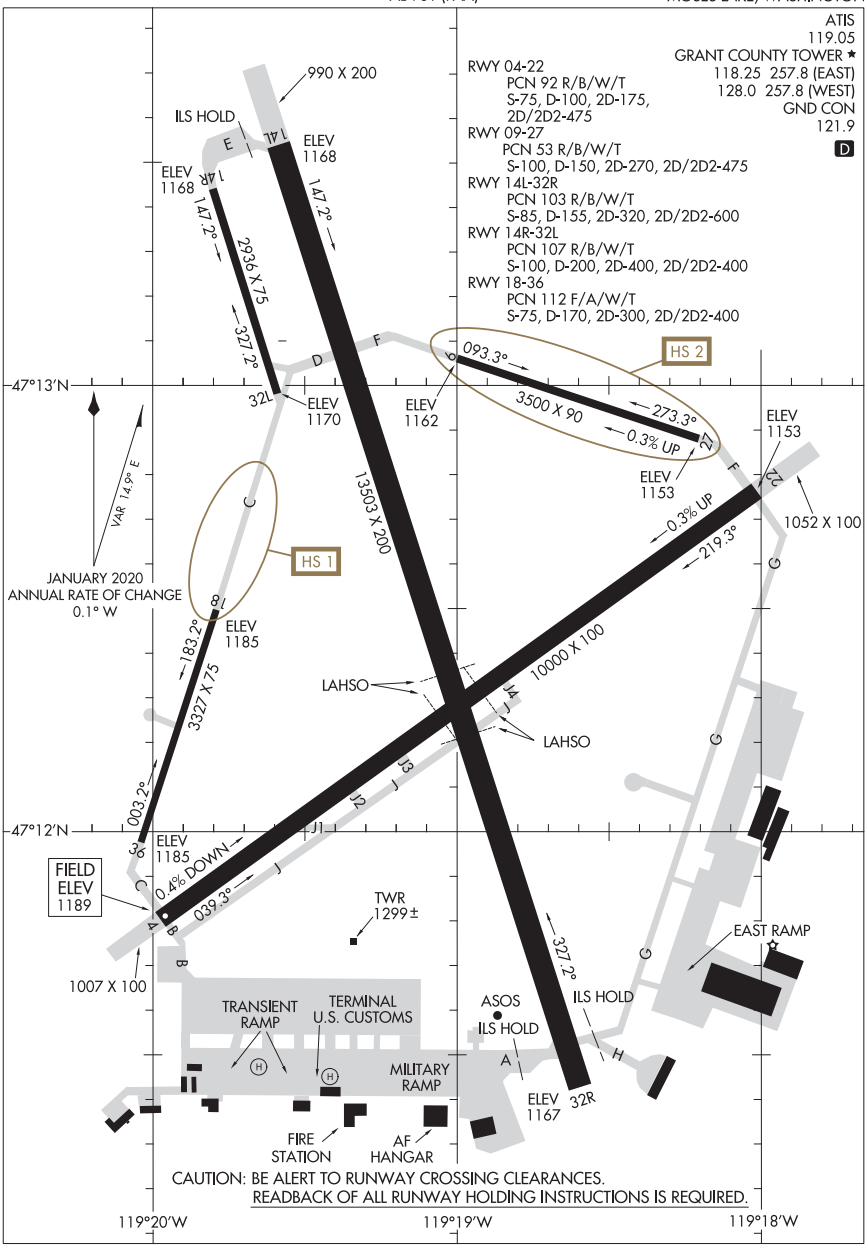
MISSOULA, MONTANA
MISSOULA INTL (MSO)

20254

AIRPORT DIAGRAM

AL-961 (FAA)

GRANT COUNTY INTL (MWH)
MOSES LAKE, WASHINGTON



AIRPORT DIAGRAM

MOSES LAKE, WASHINGTON
GRANT COUNTY INTL (MWH)

20254

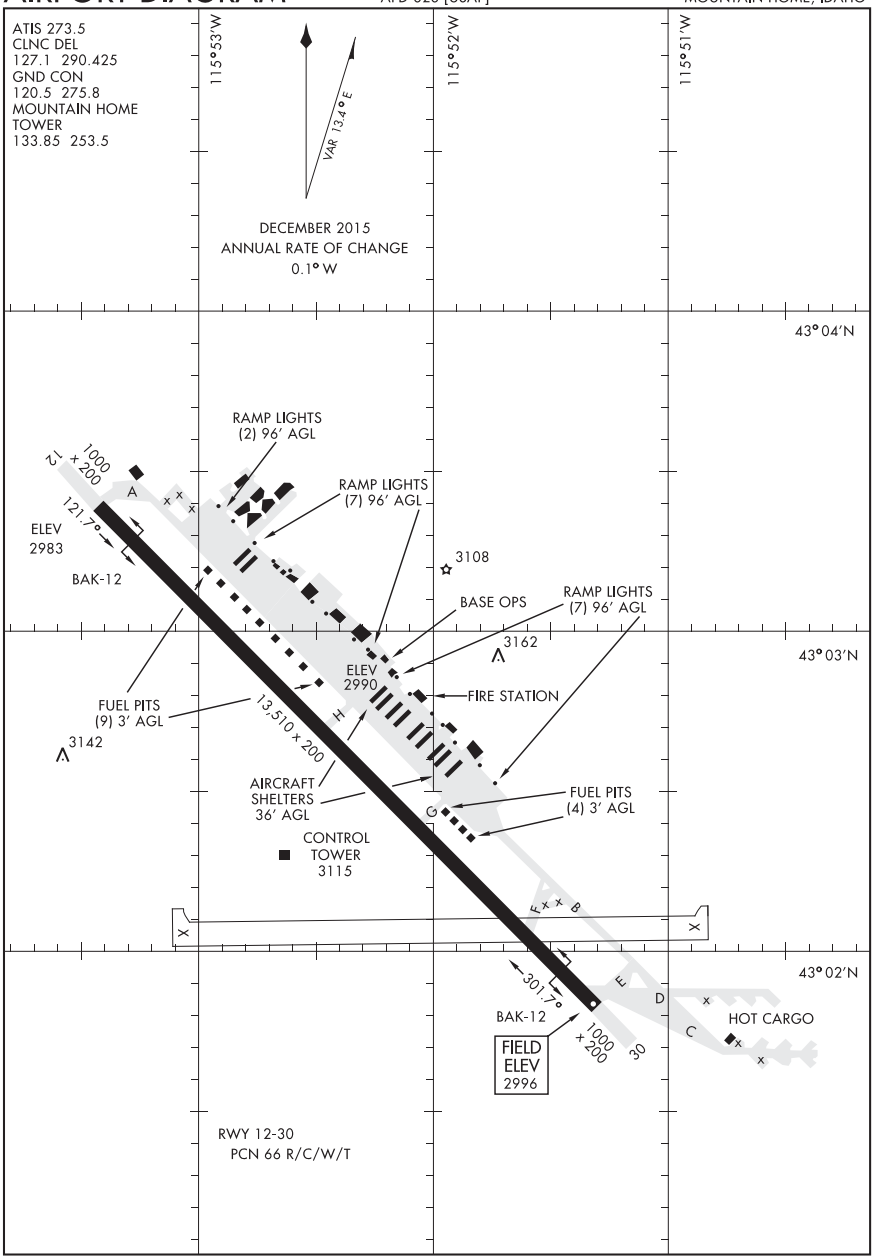
15344

AIRPORT DIAGRAM

MOUNTAIN HOME AFB (KMUO)

AFD-323 [USAF]

MOUNTAIN HOME, IDAHO



AIRPORT DIAGRAM

MOUNTAIN HOME, IDAHO

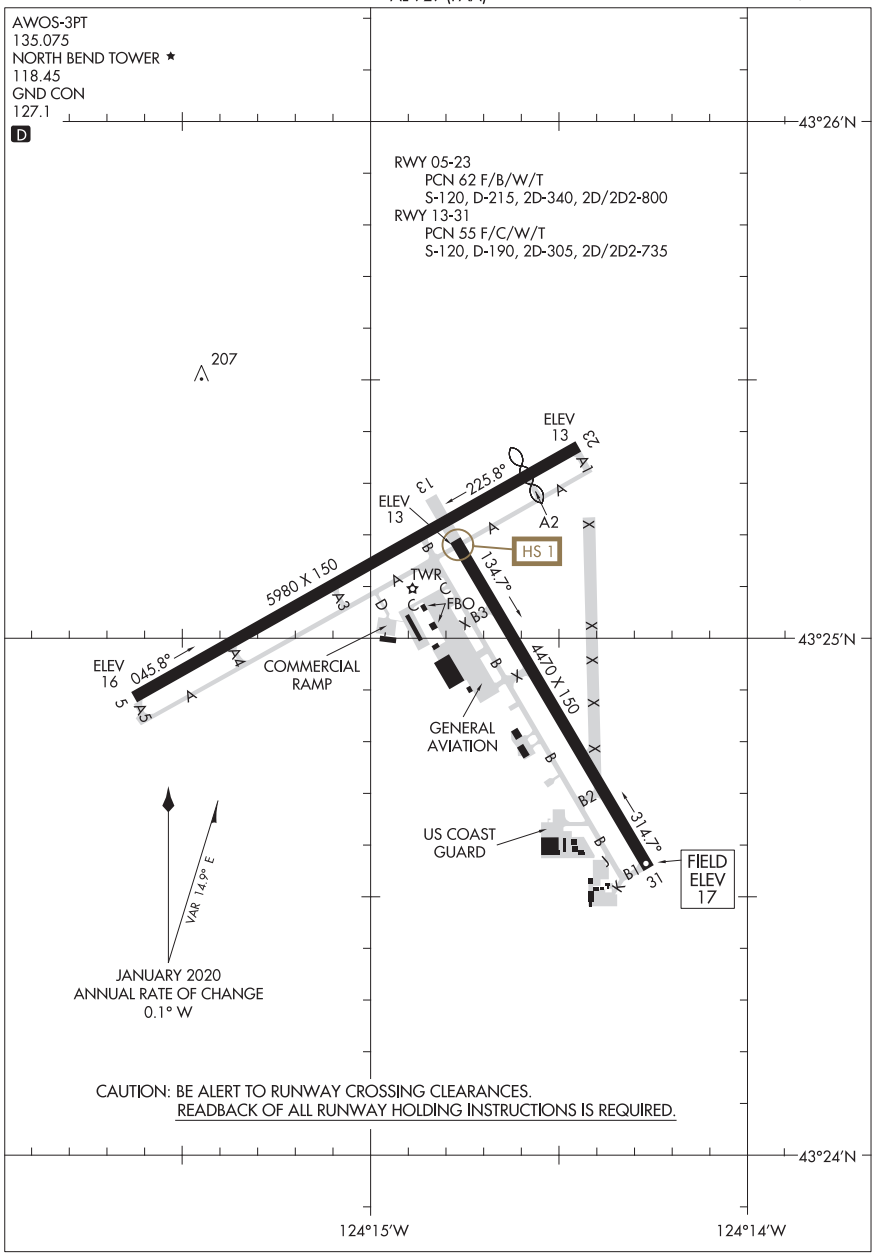
MOUNTAIN HOME AFB (KMUO)

20254

AIRPORT DIAGRAM

SOUTHWEST OREGON RGNL (OTH)
NORTH BEND, OREGON

AL-929 (FAA)



AIRPORT DIAGRAM

20254

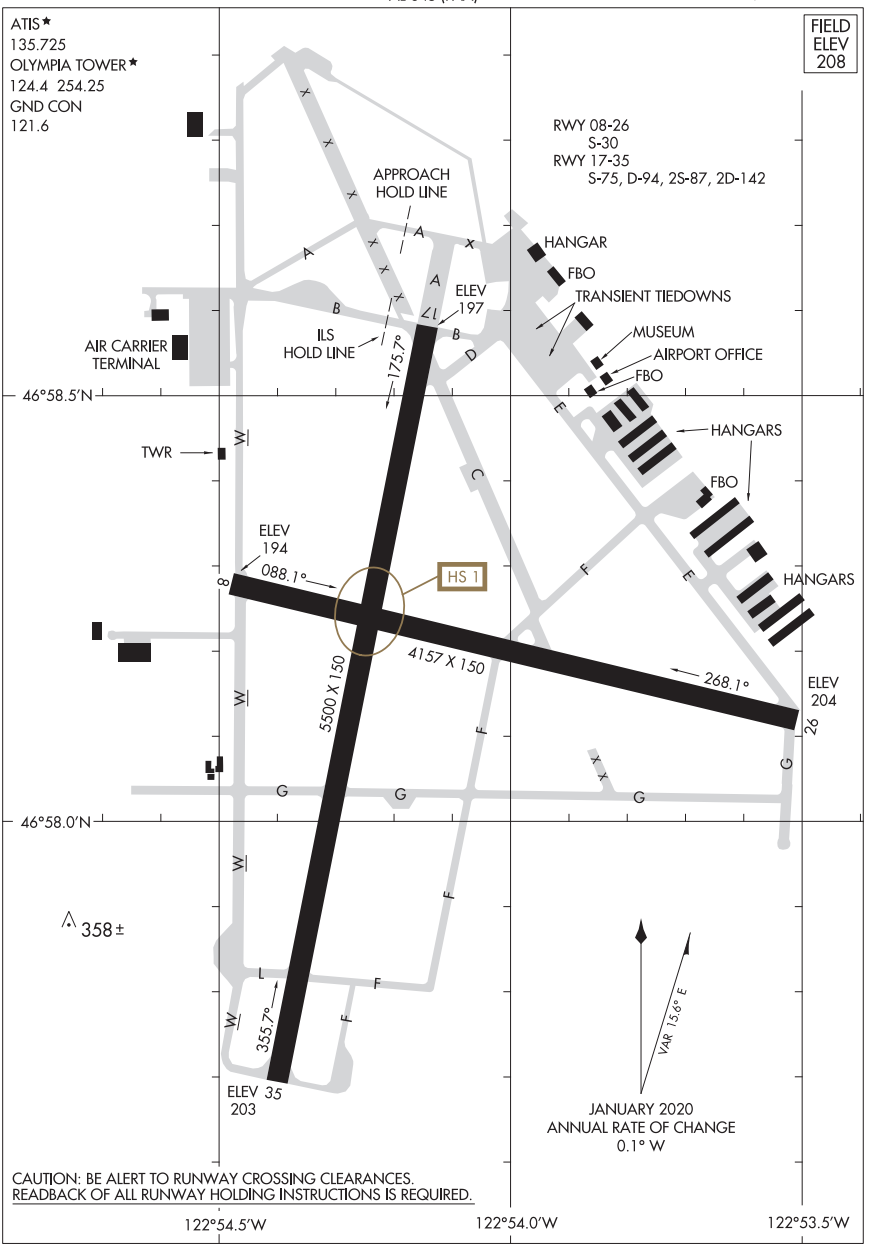
NORTH BEND, OREGON
SOUTHWEST OREGON RGNL (OTH)

20086

AIRPORT DIAGRAM

AL-645 (FAA)

OLYMPIA RGNL (OLM)
OLYMPIA, WASHINGTON



AIRPORT DIAGRAM

20086

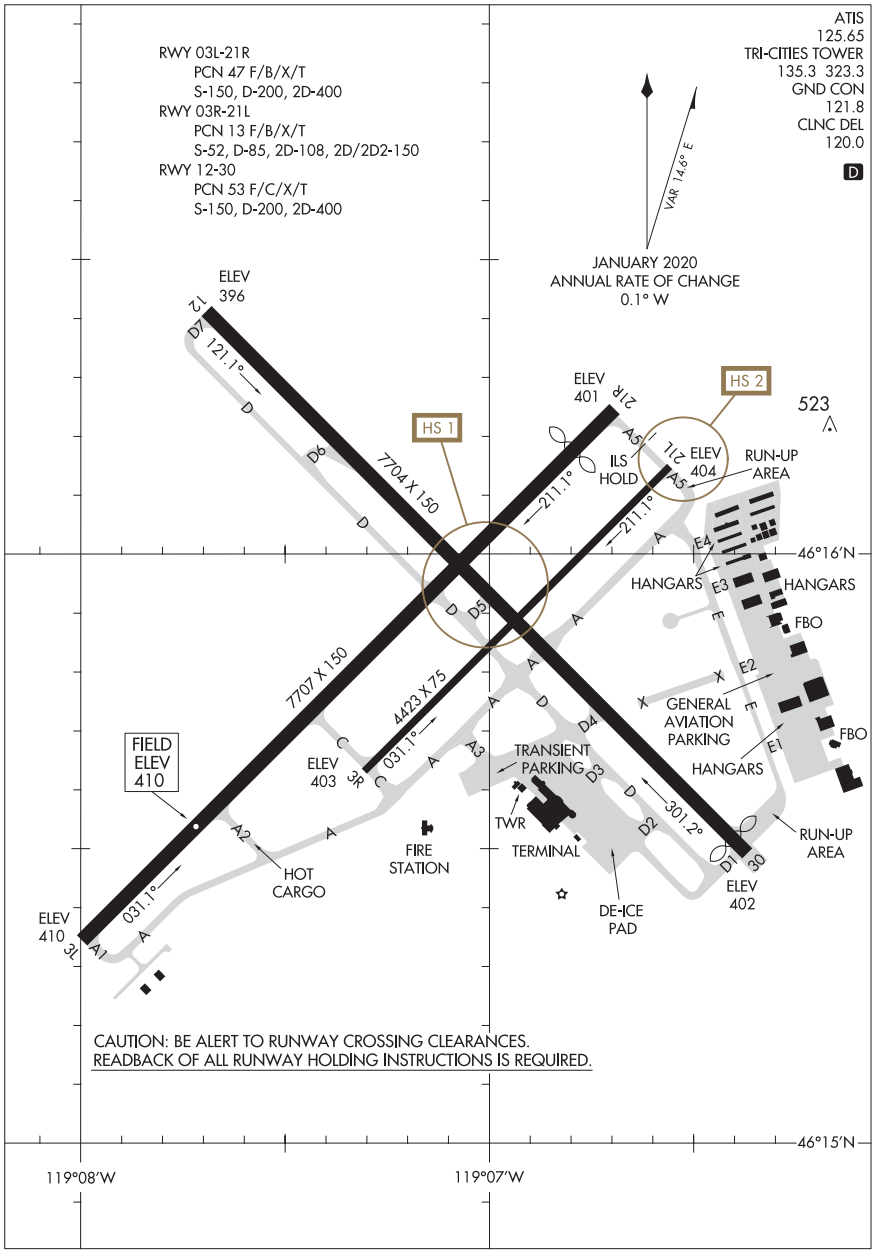
OLYMPIA, WASHINGTON
OLYMPIA RGNL (OLM)

20142

AIRPORT DIAGRAM

AL-474 (FAA)

TRI-CITIES (PSC)
PASCO, WASHINGTON



AIRPORT DIAGRAM

20142

PASCO, WASHINGTON
TRI-CITIES (PSC)

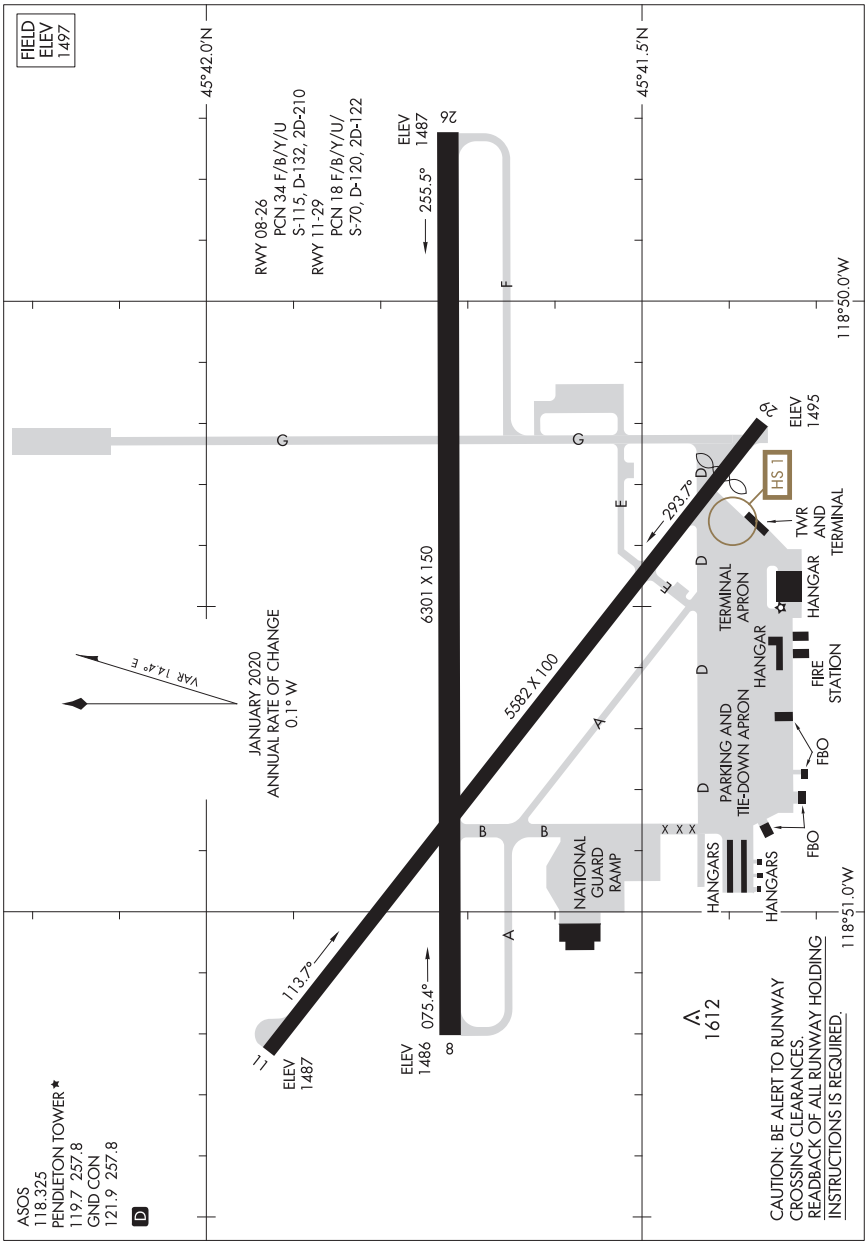
20086

AIRPORT DIAGRAM

EASTERN OREGON RGNL AT PENDLETON (PDT)

AL-316 (FAA)

PENDLETON, OREGON



AIRPORT DIAGRAM

PENDLETON, OREGON

EASTERN OREGON RGNL AT PENDLETON (PDT)

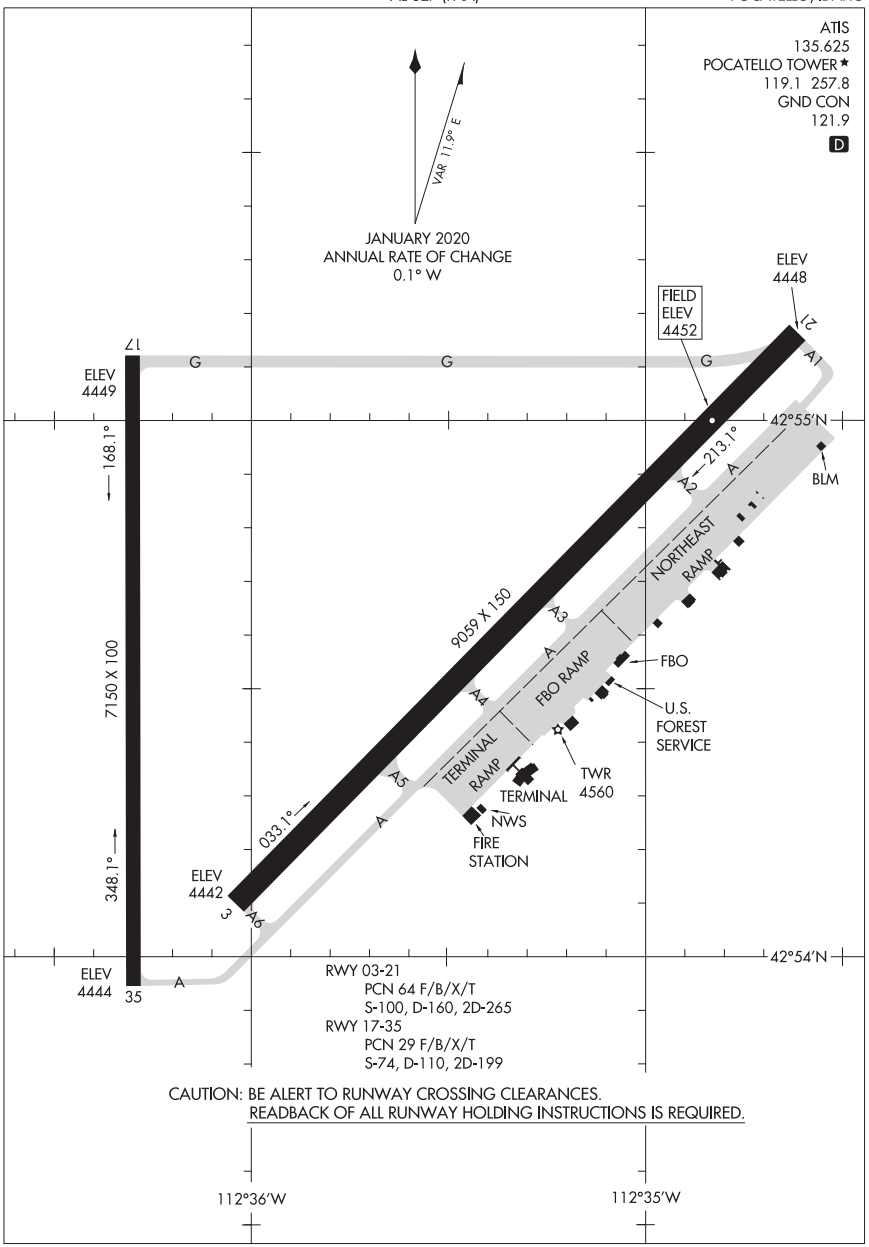
20086

20198

AIRPORT DIAGRAM

AL-327 (FAA)

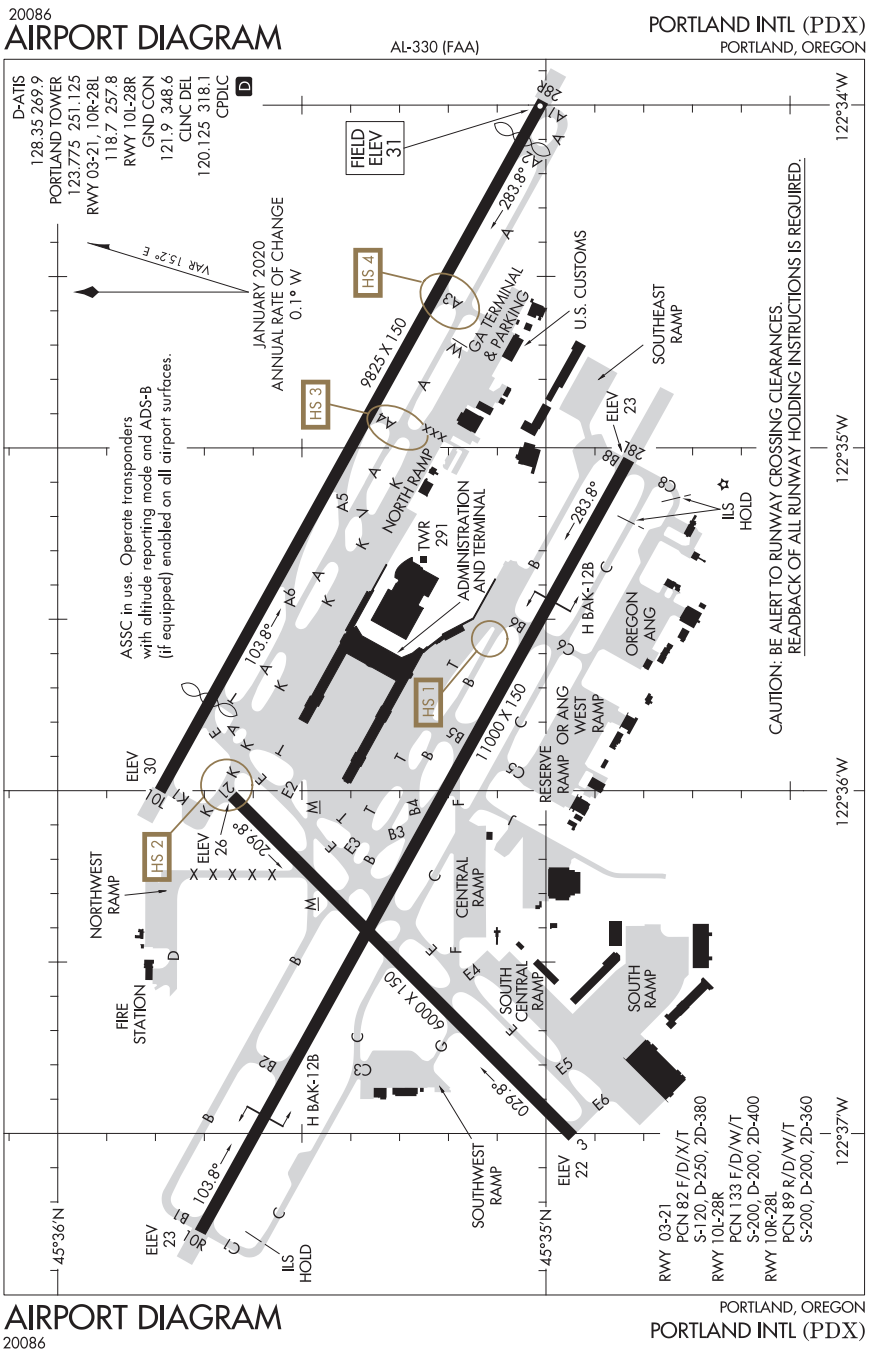
POCATELLO RGNL (PIH)
POCATELLO, IDAHO



AIRPORT DIAGRAM

20198

POCATELLO, IDAHO
POCATELLO RGNL (PIH)

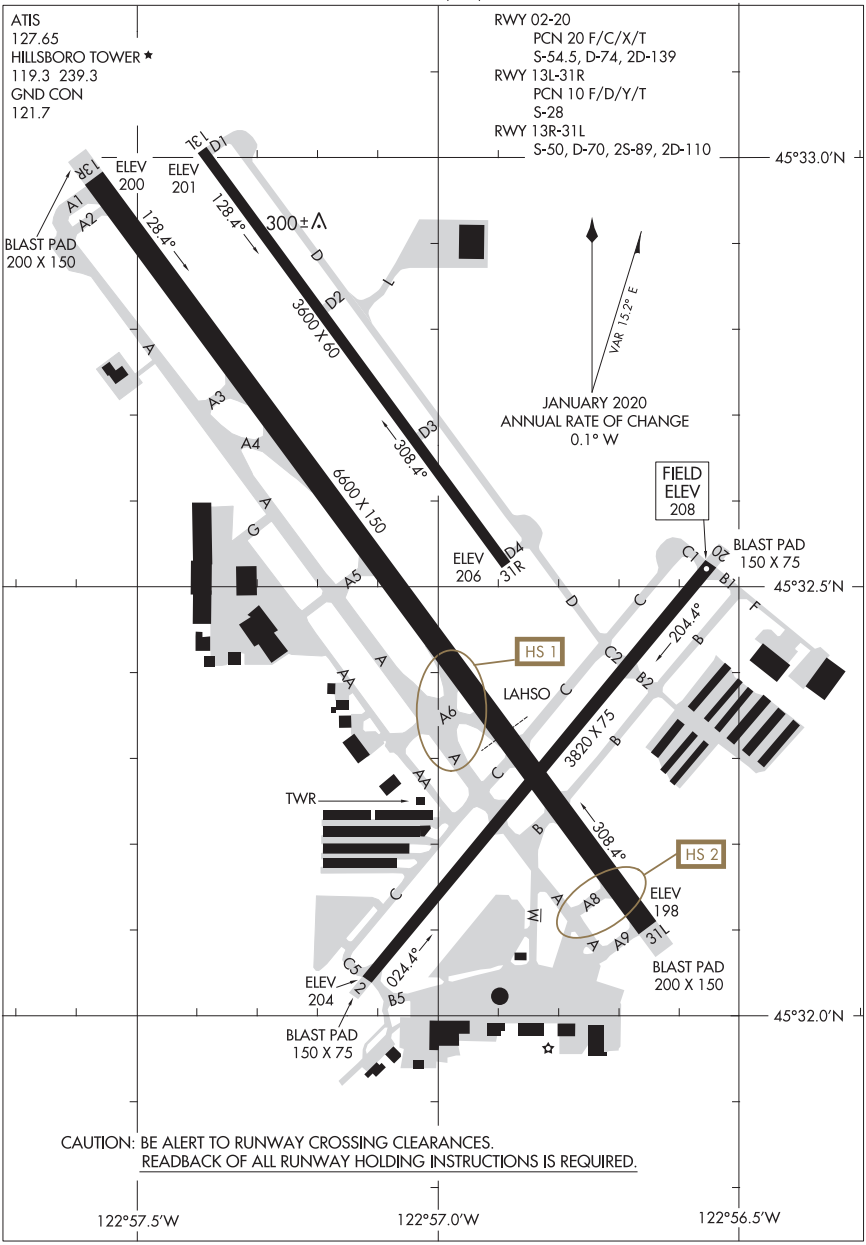

20086
AIRPORT DIAGRAM
AL-330 (FAA)
PORTLAND INTL (PDX)
PORTLAND, OREGON
D-ATIS
128.35 269.9
PORTLAND TOWER
123.775 251.125
RWY 03-21, 10R-28L
118.7 257.8
RWY 10L-28R
GND CON
121.9 348.6
CLNC DEL
120.125 318.1
CPDLC
D
VAR 15.2° E
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° W
ASSC in use. Operate transponders
with altitude reporting mode and ADS-B
(if equipped) enabled on all airport surfaces.
FIELD
ELEV
31
HS 4
HS 3
HS 2
HS 1
9825 X 150
11000 X 150
6000 X 150
283.8°
103.8°
209.8°
029.8°
ELEV
30
ELEV
26
ELEV
23
ELEV
22
NORTHWEST
RAMP
FIRE
STATION
H BAK-12B
ILS
HOLD
NORTH RAMP
TWR
291
ADMINISTRATION
AND TERMINAL
GA TERMINAL
& PARKING
U.S. CUSTOMS
SOUTHEAST
RAMP
ELEV
23
OREGON
ANG
RESERVE
RAMP
OR ANG
WEST
RAMP
CENTRAL
RAMP
SOUTH
CENTRAL
RAMP
SOUTH
RAMP
SOUTHWEST
RAMP
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
RWY 03-21
PCN 82 F/D/X/T
S-120, D-250, 2D-380
RWY 10L-28R
PCN 133 F/D/W/T
S-200, D-200, 2D-400
RWY 10R-28L
PCN 89 R/D/W/T
S-200, D-200, 2D-360
122°34'W
122°35'W
122°36'W
122°37'W
45°36'N
45°35'N
AIRPORT DIAGRAM
20086
PORTLAND, OREGON
PORTLAND INTL (PDX)

20086

AIRPORT DIAGRAM

AL-5063 (FAA)

PORTLAND-HILLSBORO (HIO)
PORTLAND, OREGON



AIRPORT DIAGRAM

20086

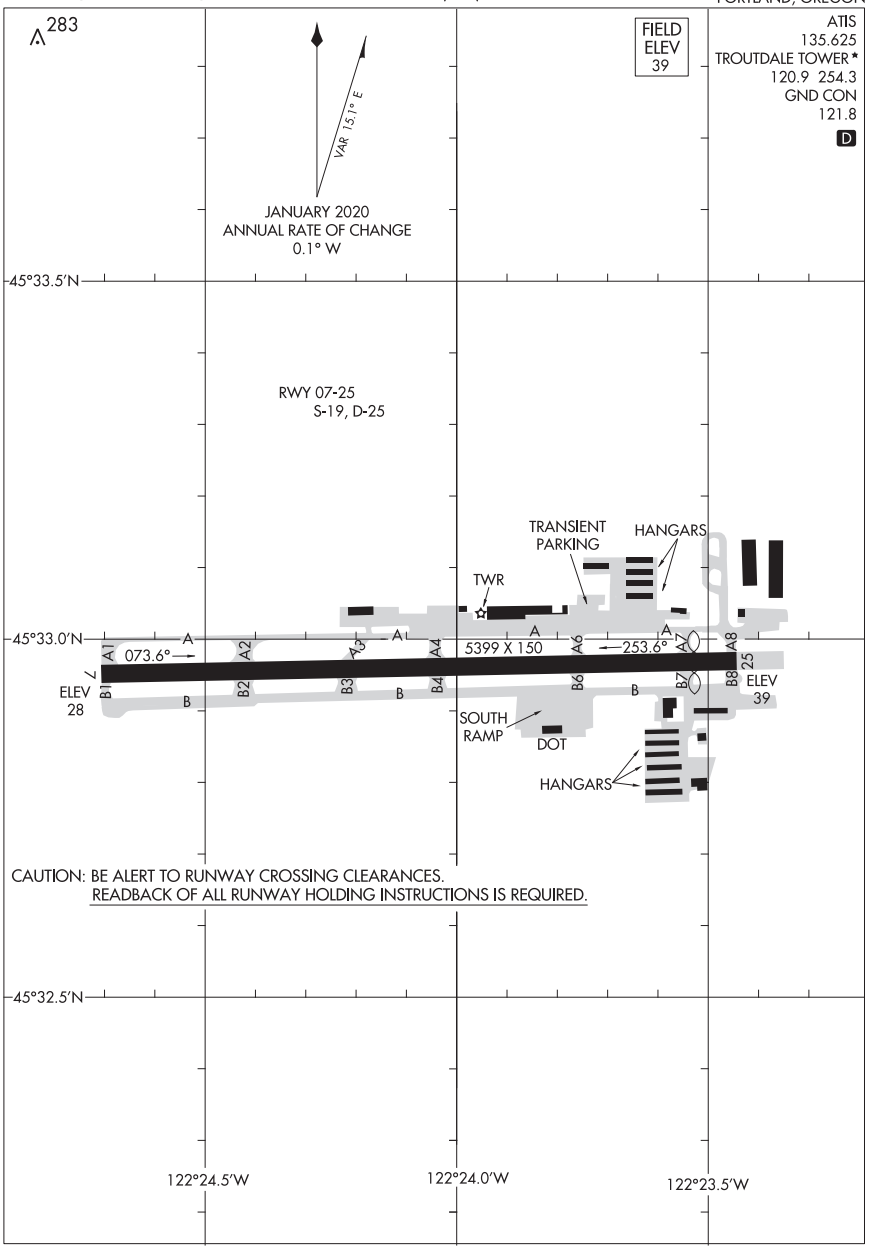
PORTLAND, OREGON
PORTLAND-HILLSBORO (HIO)

20086

AIRPORT DIAGRAM

AL-649 (FAA)

PORTLAND-TROUTDALE (TTD)
PORTLAND, OREGON



AIRPORT DIAGRAM

20086

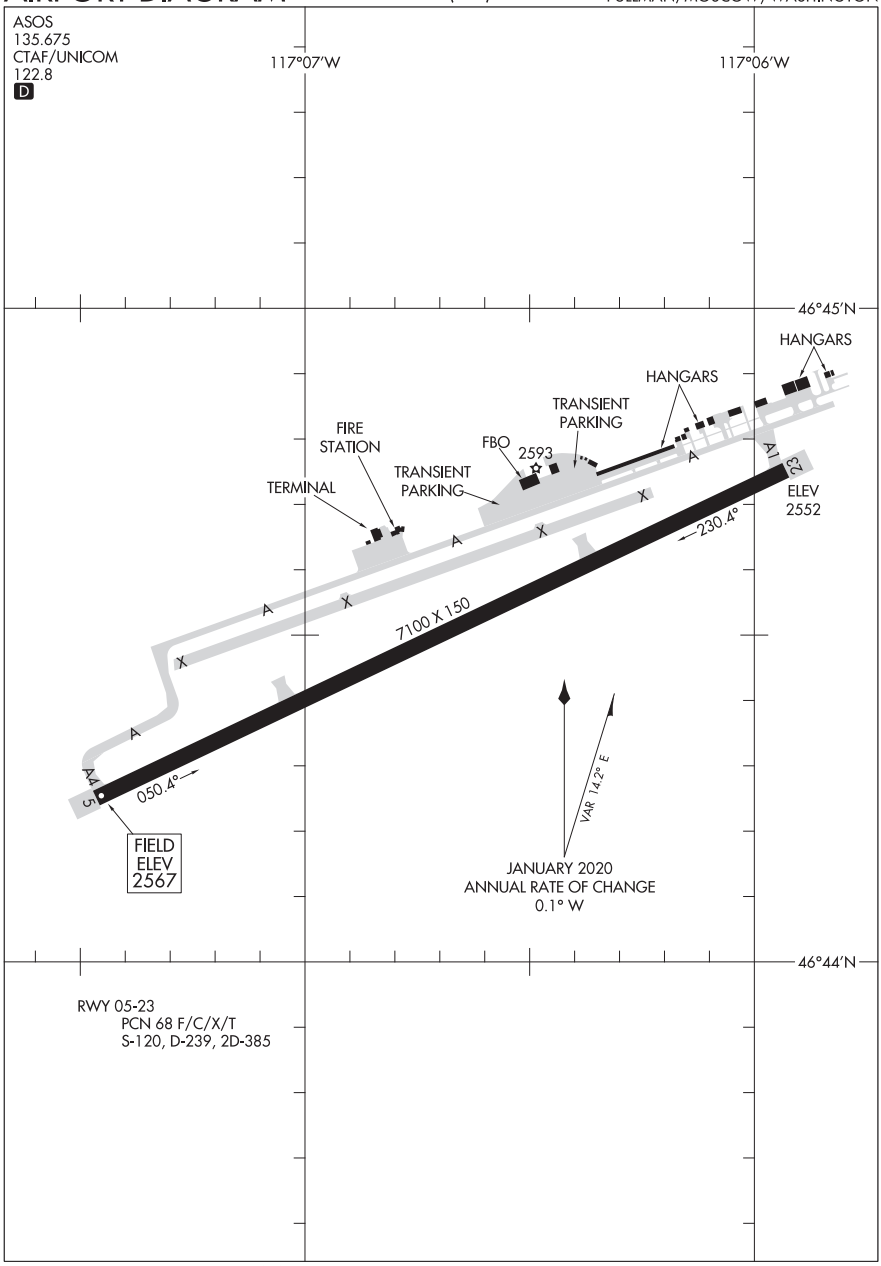
PORTLAND, OREGON
PORTLAND-TROUTDALE (TTD)

20142

AIRPORT DIAGRAM

AL-798 (FAA)

PULLMAN/MOSCOW RGNL (PUW)
PULLMAN/MOSCOW, WASHINGTON



RWY 05-23
PCN 68 F/C/X/T
S-120, D-239, 2D-385

AIRPORT DIAGRAM

20142

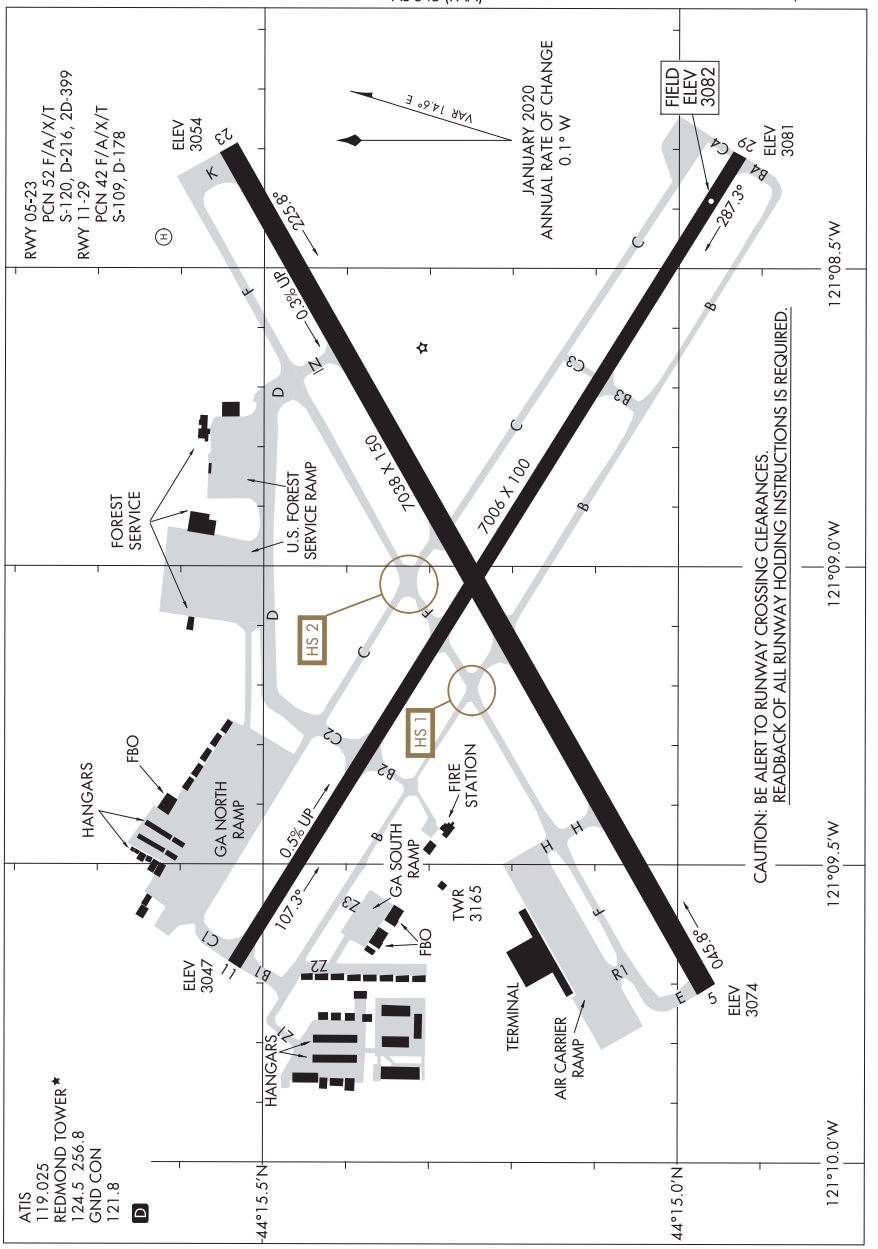
PULLMAN/MOSCOW, WASHINGTON
PULLMAN/MOSCOW RGNL (PUW)

20086

AIRPORT DIAGRAM

AL-345 (FAA)

ROBERTS FIELD (RDM)
REDMOND, OREGON



AIRPORT DIAGRAM

20086

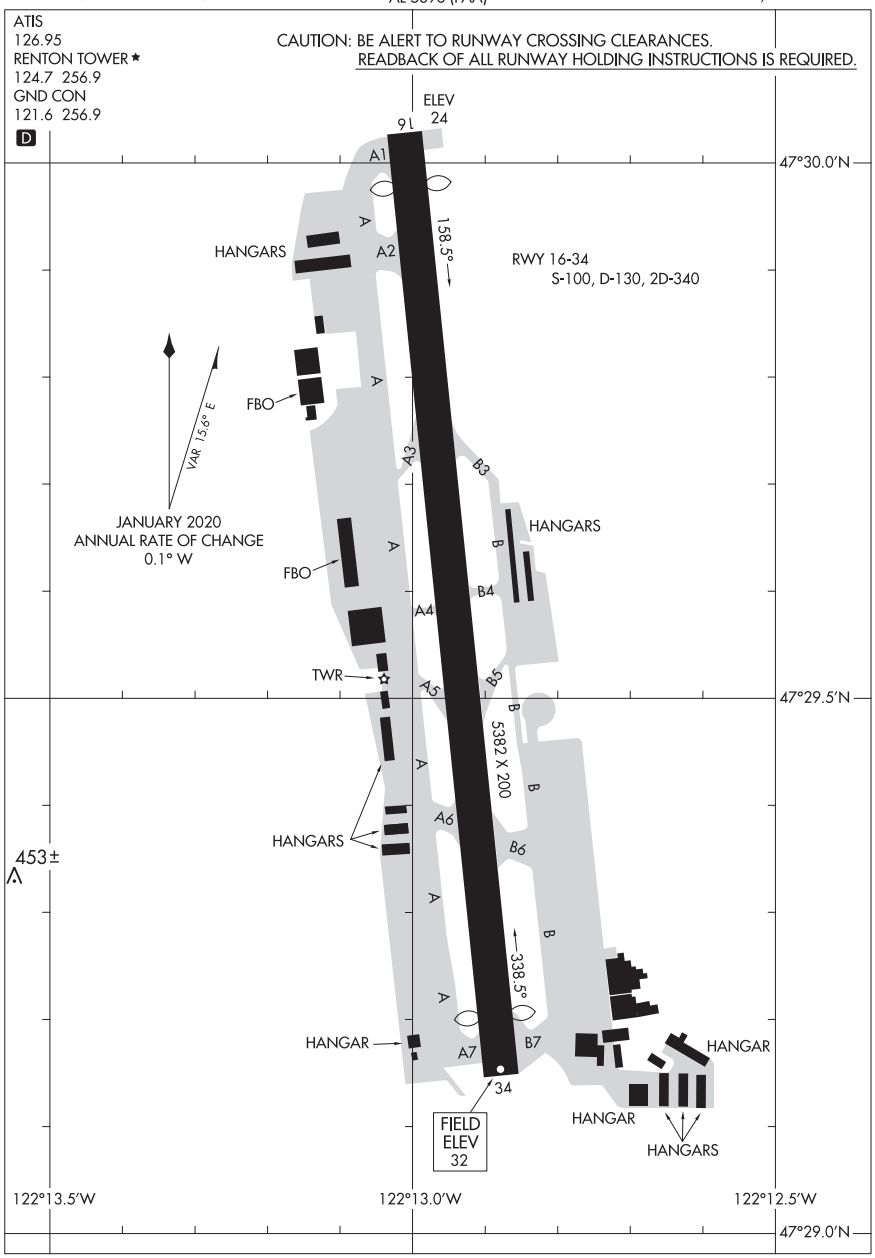
REDMOND, OREGON
ROBERTS FIELD (RDM)

20086

AIRPORT DIAGRAM

RENTON MUNI (RNT)
RENTON, WASHINGTON

AL-5396 (FAA)



AIRPORT DIAGRAM

20086

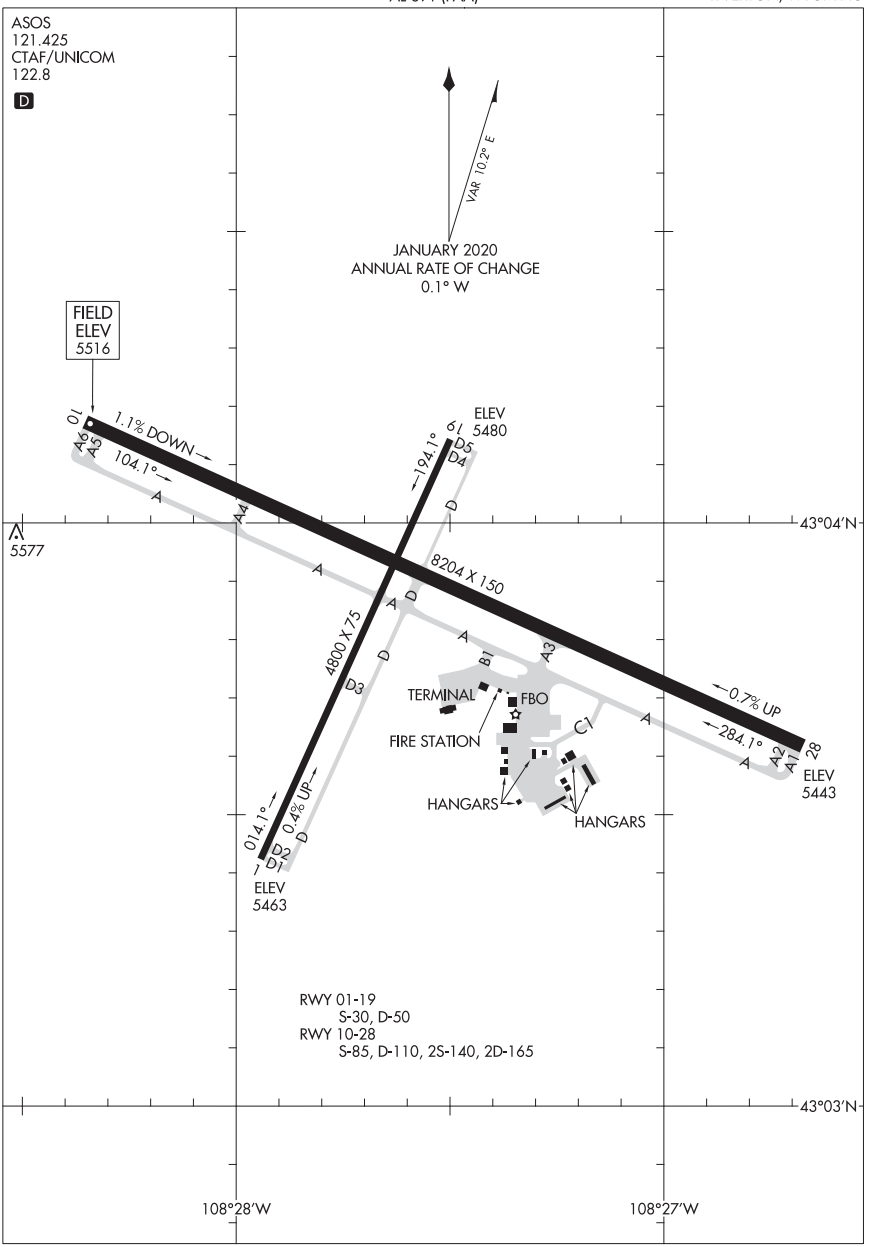
RENTON, WASHINGTON
RENTON MUNI (RNT)

20310

AIRPORT DIAGRAM

CENTRAL WYOMING RGNL (RIW)
RIVERTON, WYOMING

AL-691 (FAA)



AIRPORT DIAGRAM

20310

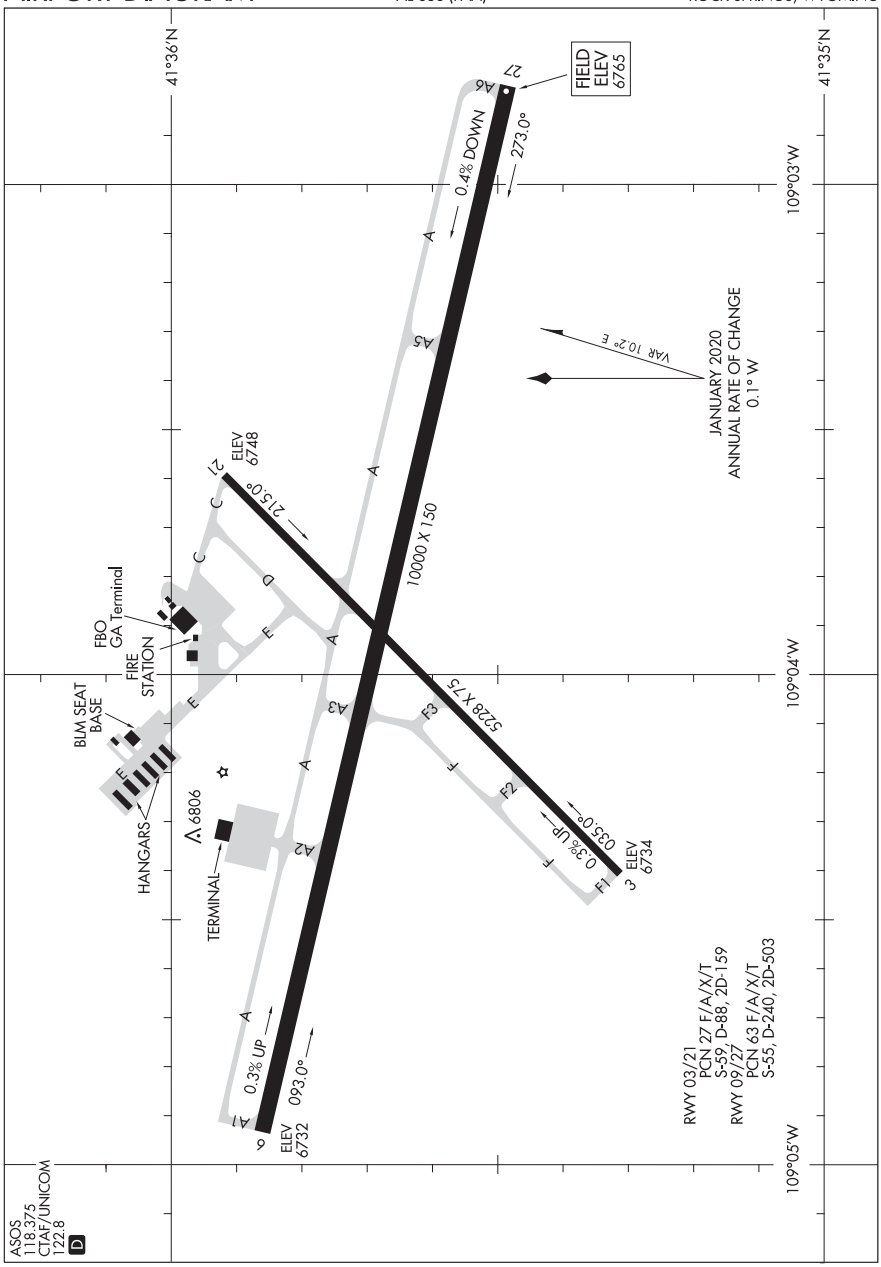
RIVERTON, WYOMING
CENTRAL WYOMING RGNL (RIW)

20086

AIRPORT DIAGRAM

AL-353 (FAA)

SOUTHWEST WYOMING RGNL (RKS)
ROCK SPRINGS, WYOMING



AIRPORT DIAGRAM

20086

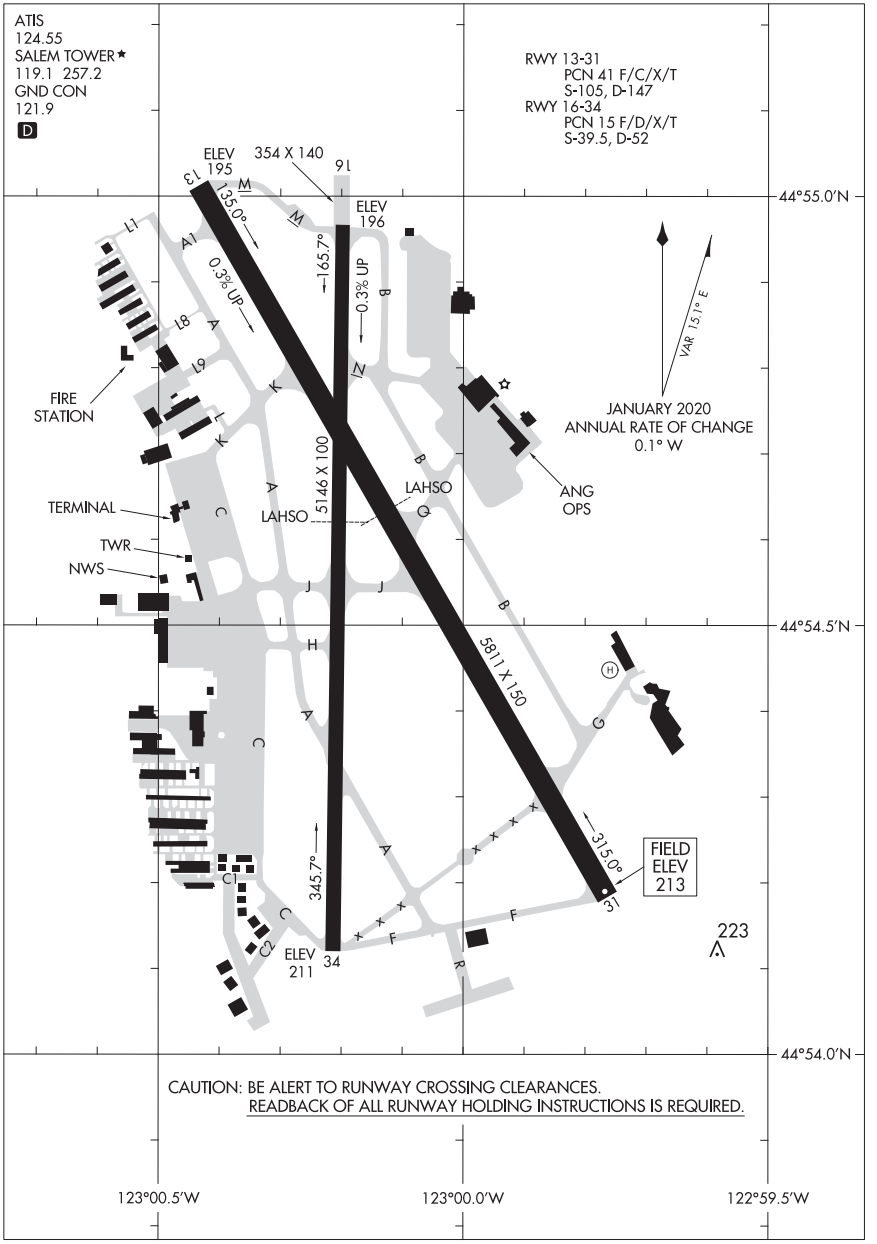
ROCK SPRINGS, WYOMING
SOUTHWEST WYOMING RGNL (RKS)

20086

AIRPORT DIAGRAM

MCNARY FIELD (SLE)
SALEM, OREGON

AL-361 (FAA)



AIRPORT DIAGRAM

20086

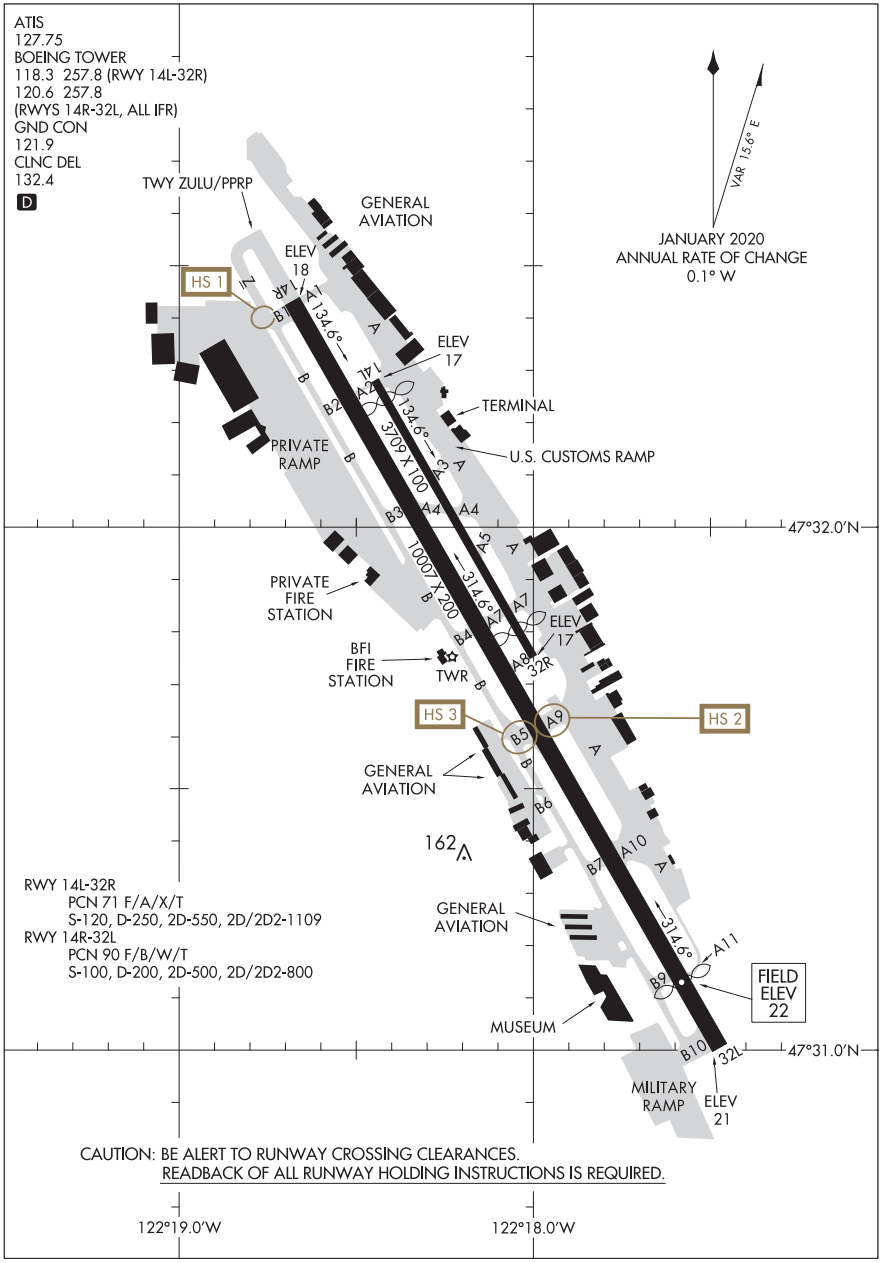
SALEM, OREGON
MCNARY FIELD (SLE)

20086

AIRPORT DIAGRAM

AL-384 (FAA)

BOEING FIELD/KING COUNTY INTL (BFI)
SEATTLE, WASHINGTON



AIRPORT DIAGRAM
20086

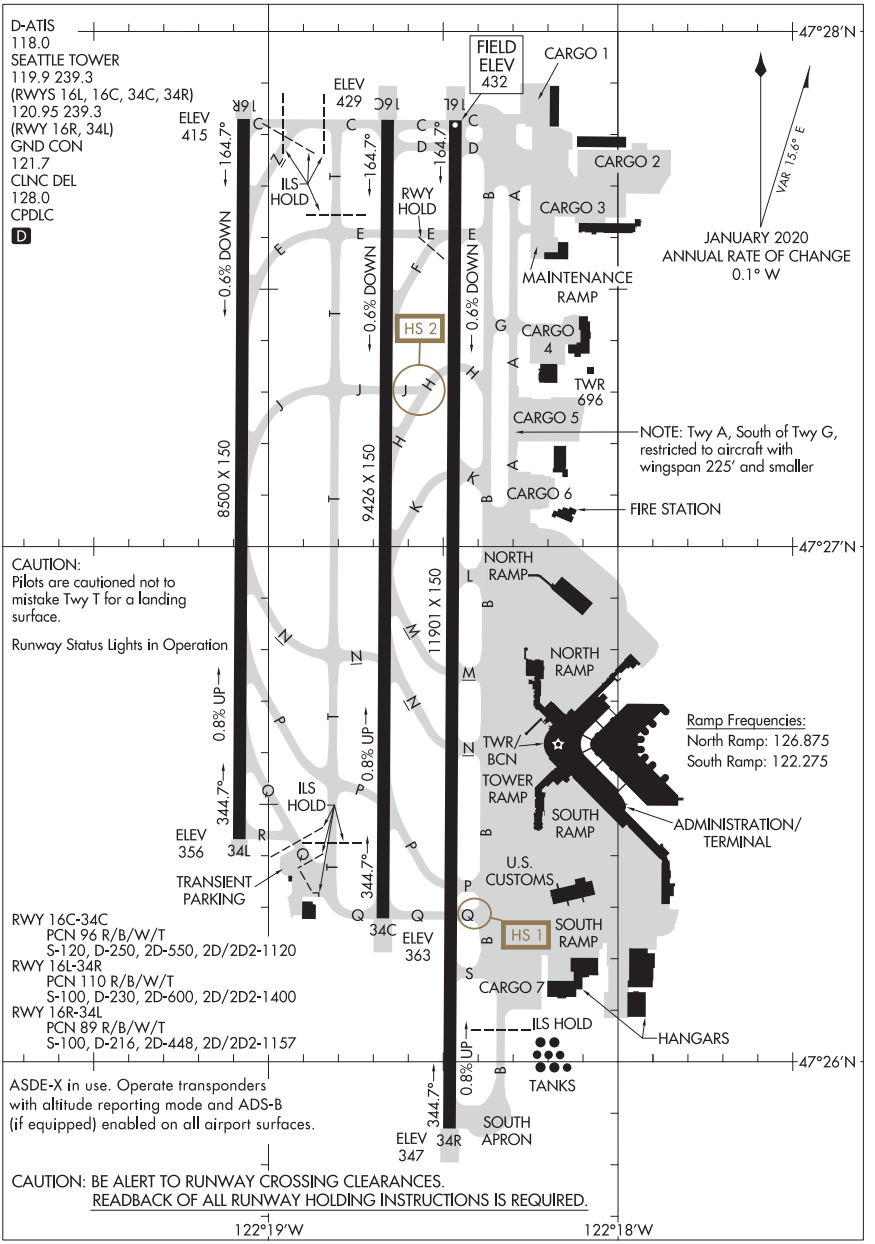
SEATTLE, WASHINGTON
BOEING FIELD/KING COUNTY INTL (BFI)

20086

AIRPORT DIAGRAM

AL-582 (FAA)

SEATTLE-TACOMA INTL (SEA)
SEATTLE, WASHINGTON



AIRPORT DIAGRAM

20086

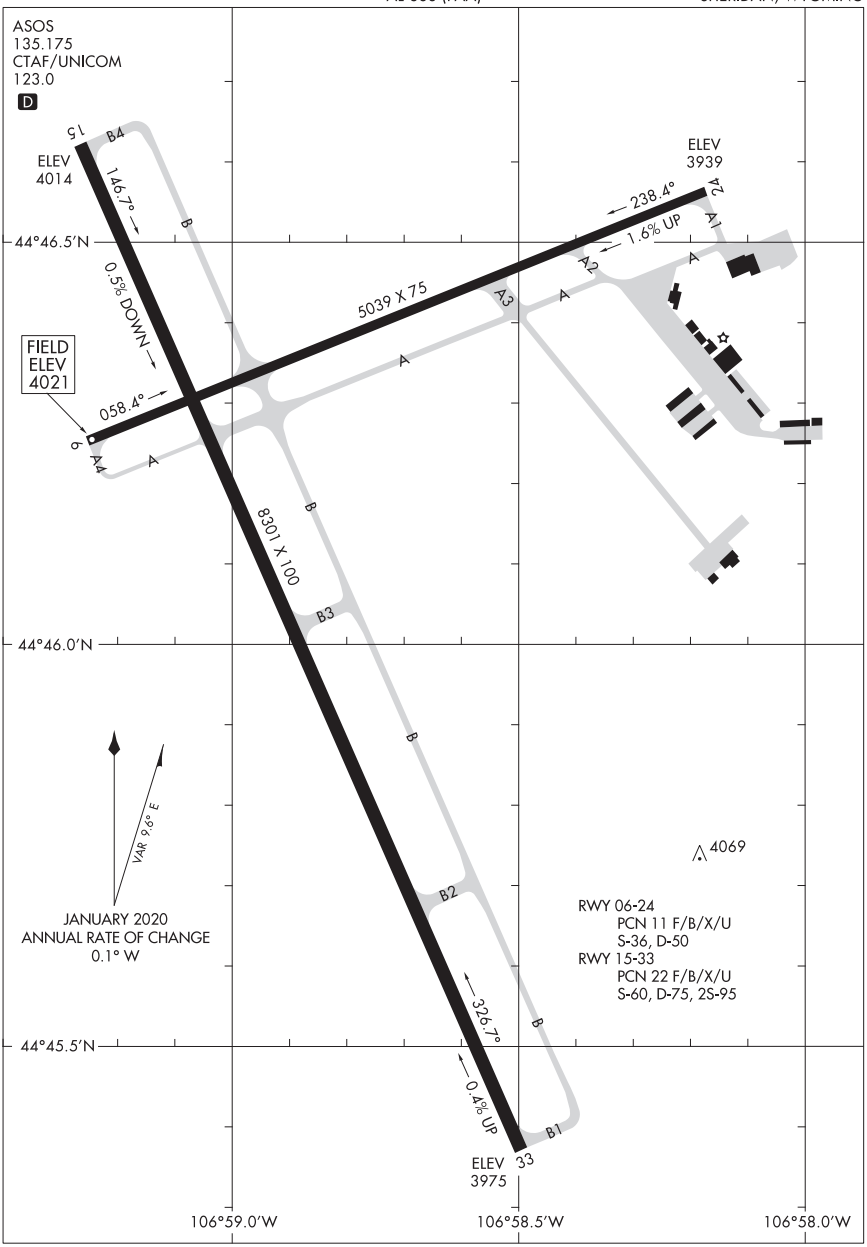
SEATTLE, WASHINGTON
SEATTLE-TACOMA INTL (SEA)

20086

AIRPORT DIAGRAM

AL-388 (FAA)

SHERIDAN COUNTY (SHR)
SHERIDAN, WYOMING



AIRPORT DIAGRAM

20086

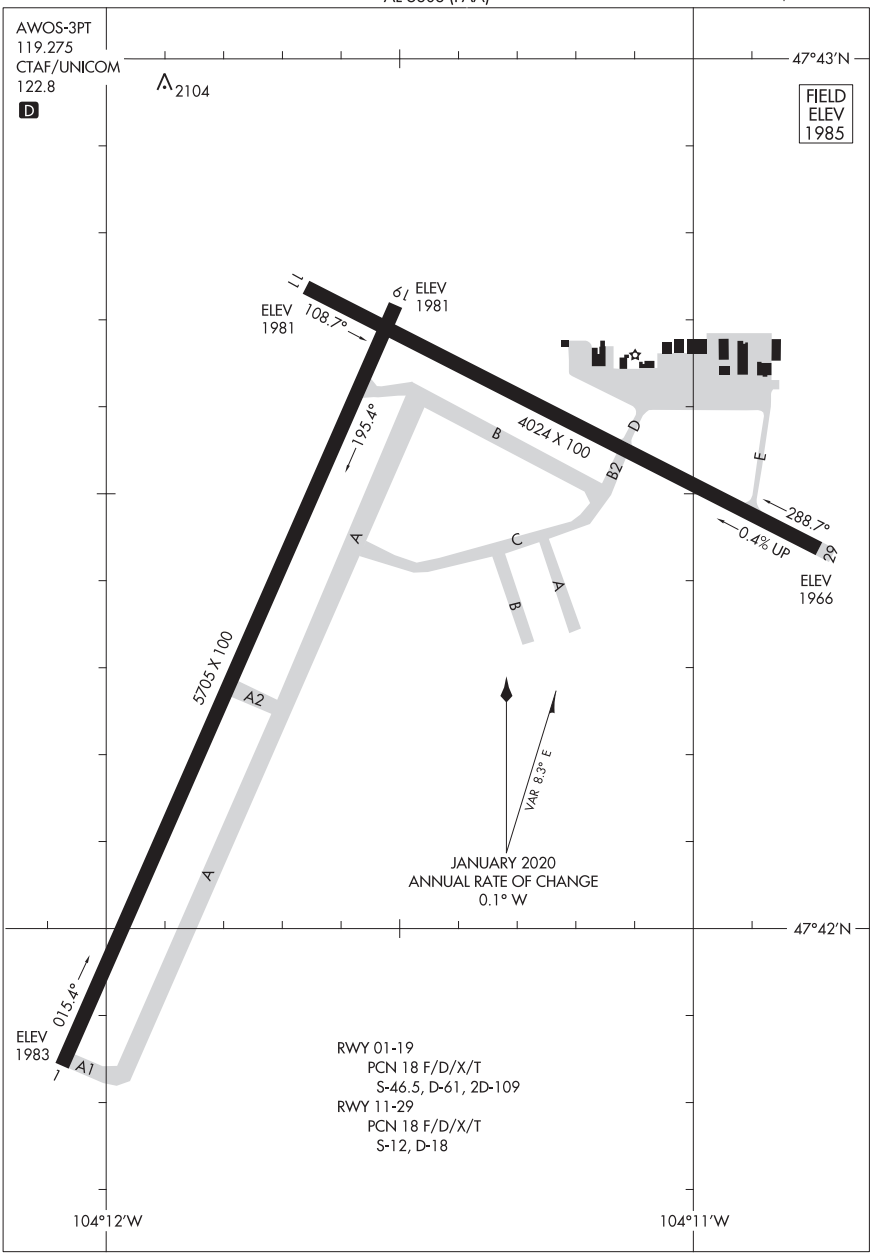
SHERIDAN, WYOMING
SHERIDAN COUNTY (SHR)

20086

AIRPORT DIAGRAM

AL-5303 (FAA)

SIDNEY-RICHLAND RGNL (SDY)
SIDNEY, MONTANA



AIRPORT DIAGRAM

20086

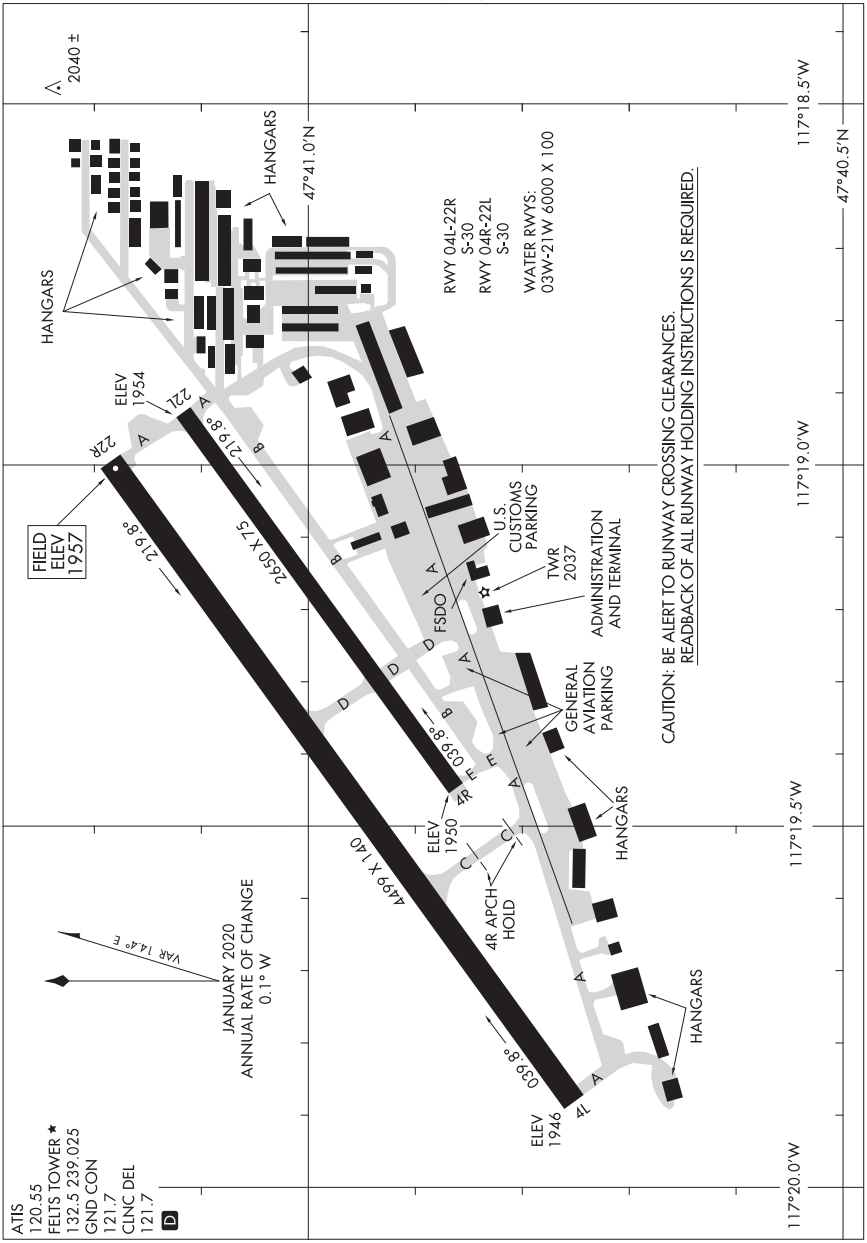
SIDNEY, MONTANA
SIDNEY-RICHLAND RGNL (SDY)

20142

AIRPORT DIAGRAM

AL-402 (FAA)

FELTS FIELD (SFF)
SPOKANE, WASHINGTON



AIRPORT DIAGRAM

20142

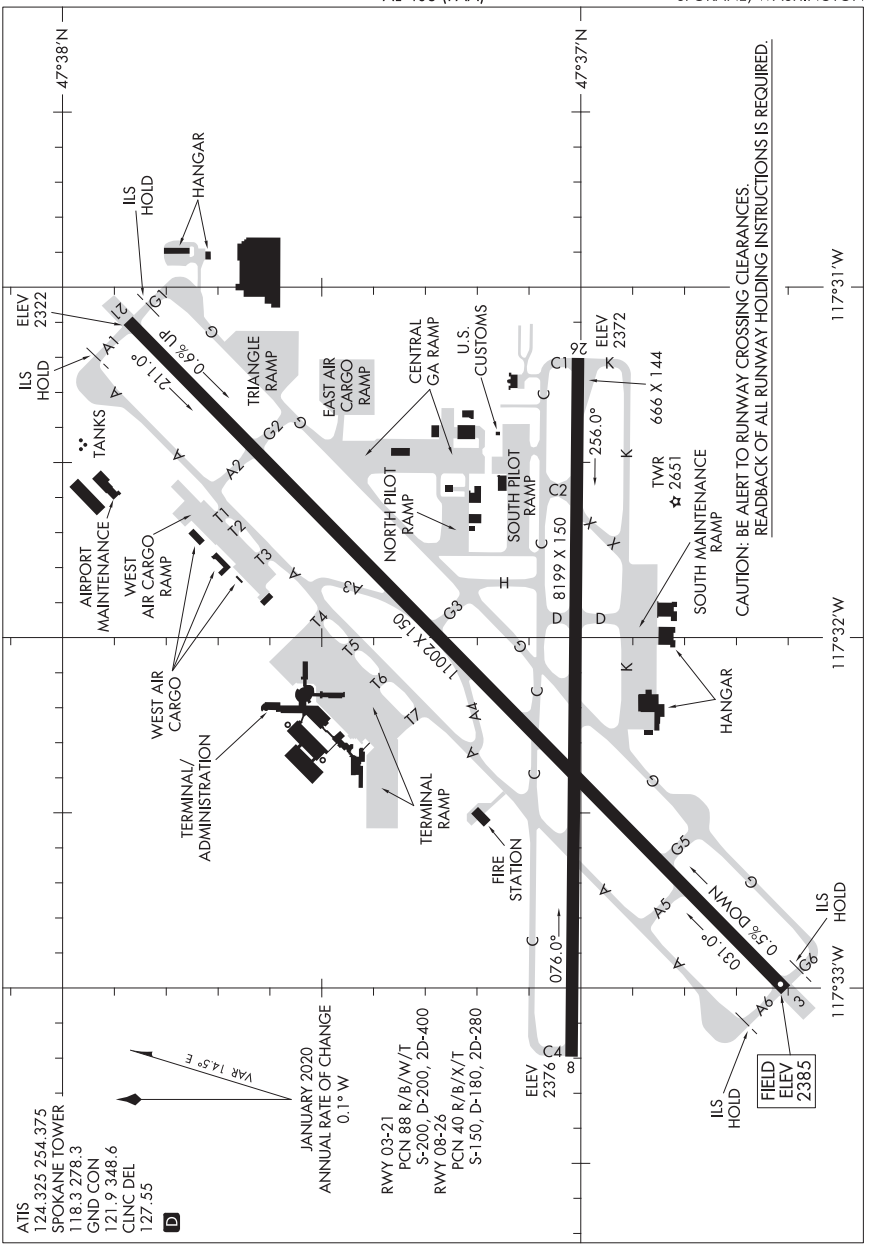
SPOKANE, WASHINGTON
FELTS FIELD (SFF)

20086

AIRPORT DIAGRAM

AL-403 (FAA)

SPOKANE INTL (GEG)
SPOKANE, WASHINGTON



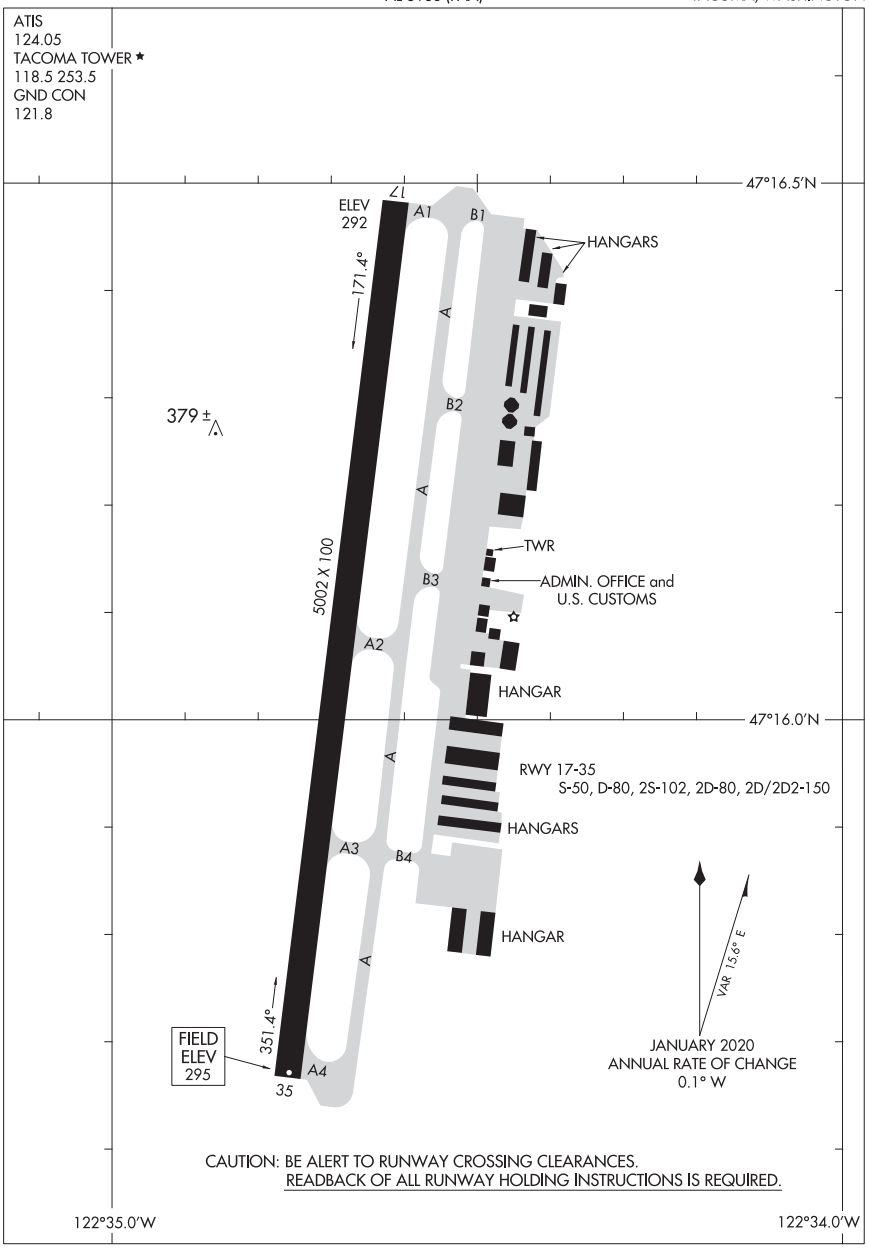
AIRPORT DIAGRAM
20086
SPOKANE, WASHINGTON
SPOKANE INTL (GEG)

20086

AIRPORT DIAGRAM

AL-5186 (FAA)

TACOMA NARROWS (TIW)
TACOMA, WASHINGTON



AIRPORT DIAGRAM
20086

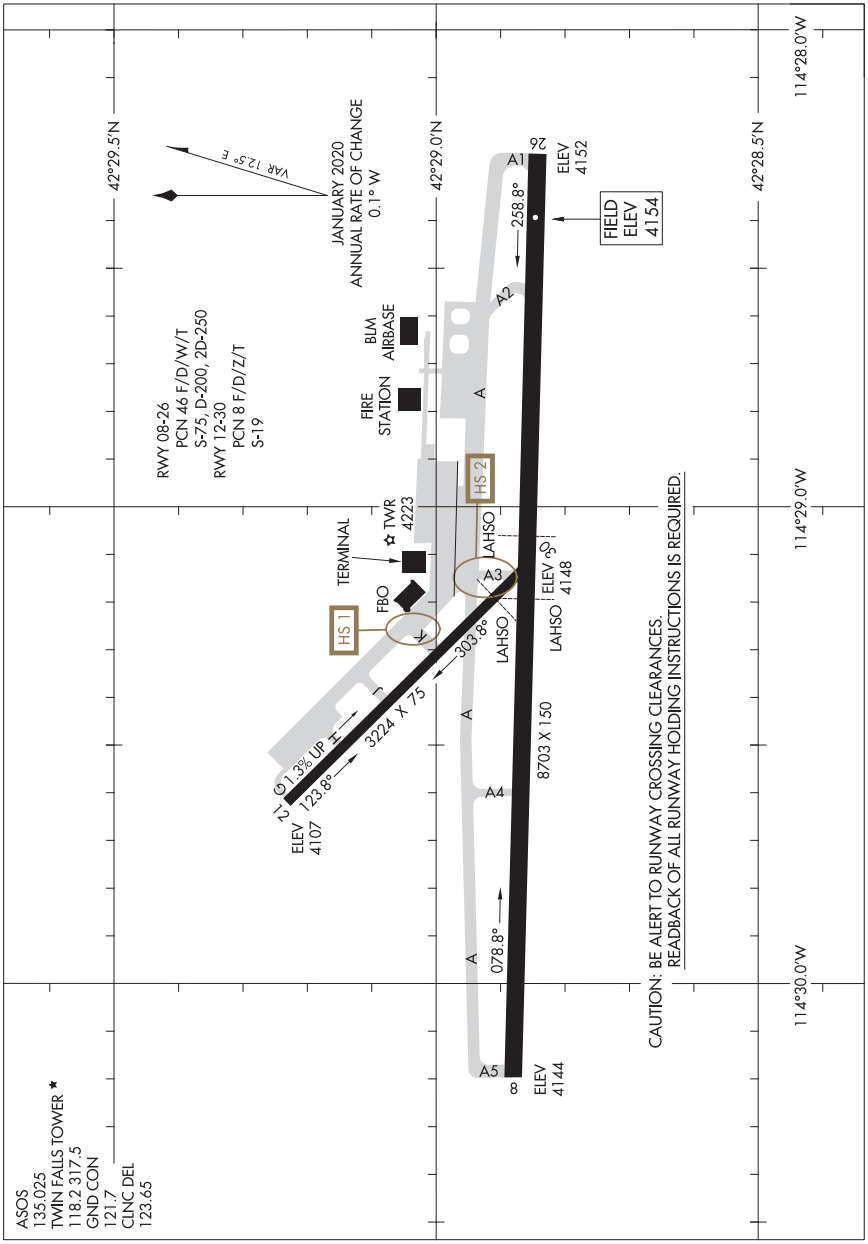
TACOMA, WASHINGTON
TACOMA NARROWS (TIW)

20086

AIRPORT DIAGRAM

JOSLIN FIELD-MAGIC VALLEY RGNL (TWF)
TWIN FALLS, IDAHO

AL-885 (FAA)



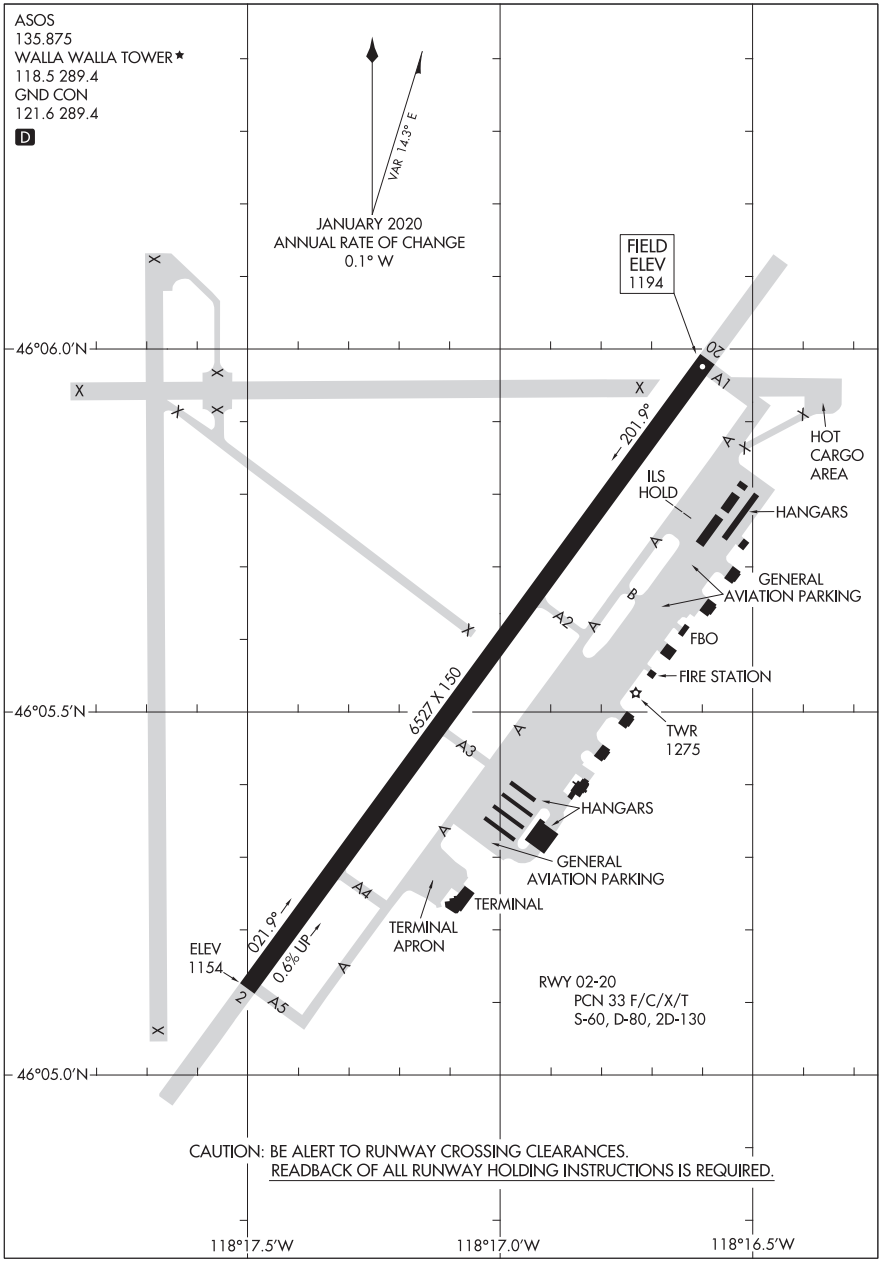
AIRPORT DIAGRAM
20086
TWIN FALLS, IDAHO
JOSLIN FIELD-MAGIC VALLEY RGNL (TWF)

20086

AIRPORT DIAGRAM

AL-440 (FAA)

WALLA WALLA RGNL (ALW)
WALLA WALLA, WASHINGTON



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM
20086

WALLA WALLA, WASHINGTON
WALLA WALLA RGNL (ALW)

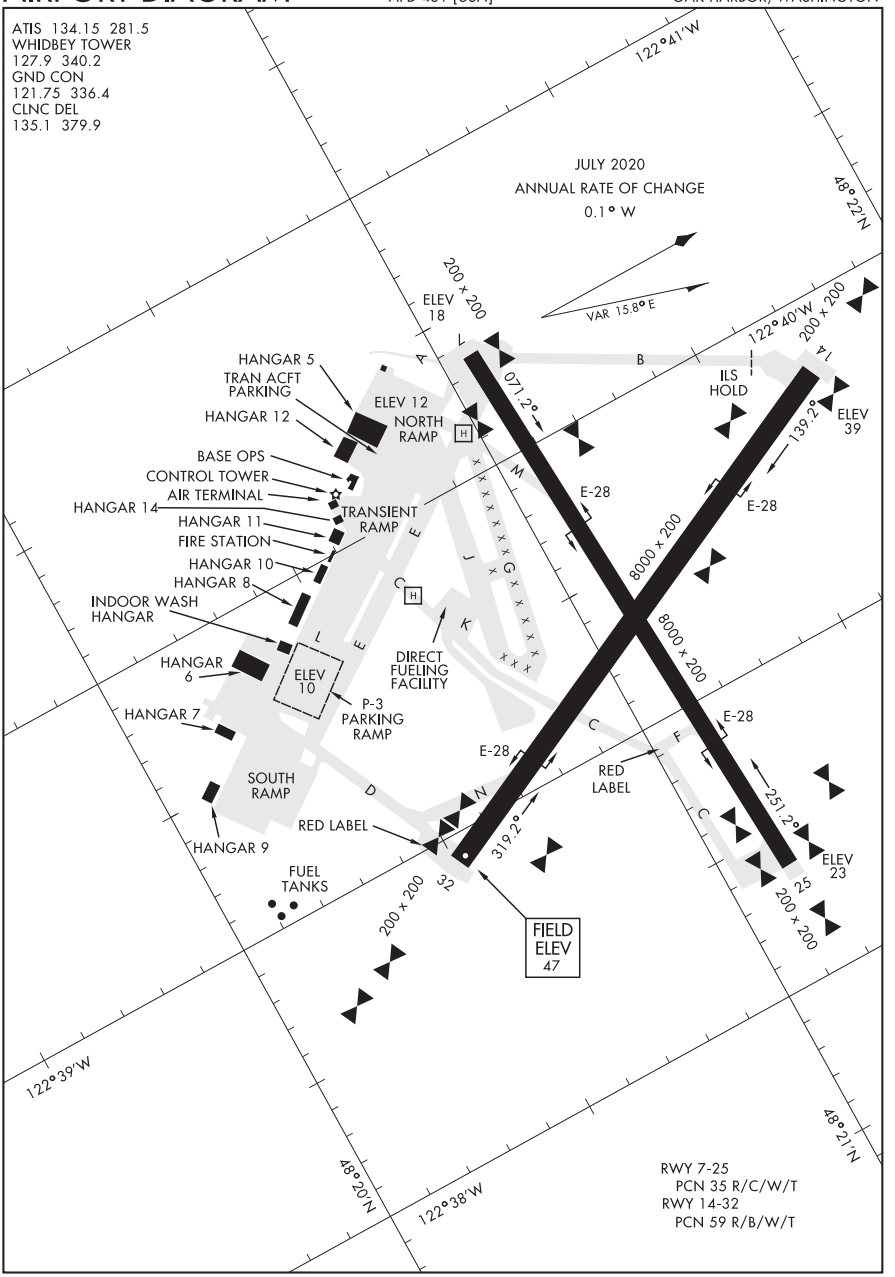
20198

AIRPORT DIAGRAM

WHIDBEY ISLAND NAS (AULT FLD) (KNUW)

AFD-451 [USN]

OAK HARBOR, WASHINGTON



AIRPORT DIAGRAM

OAK HARBOR, WASHINGTON

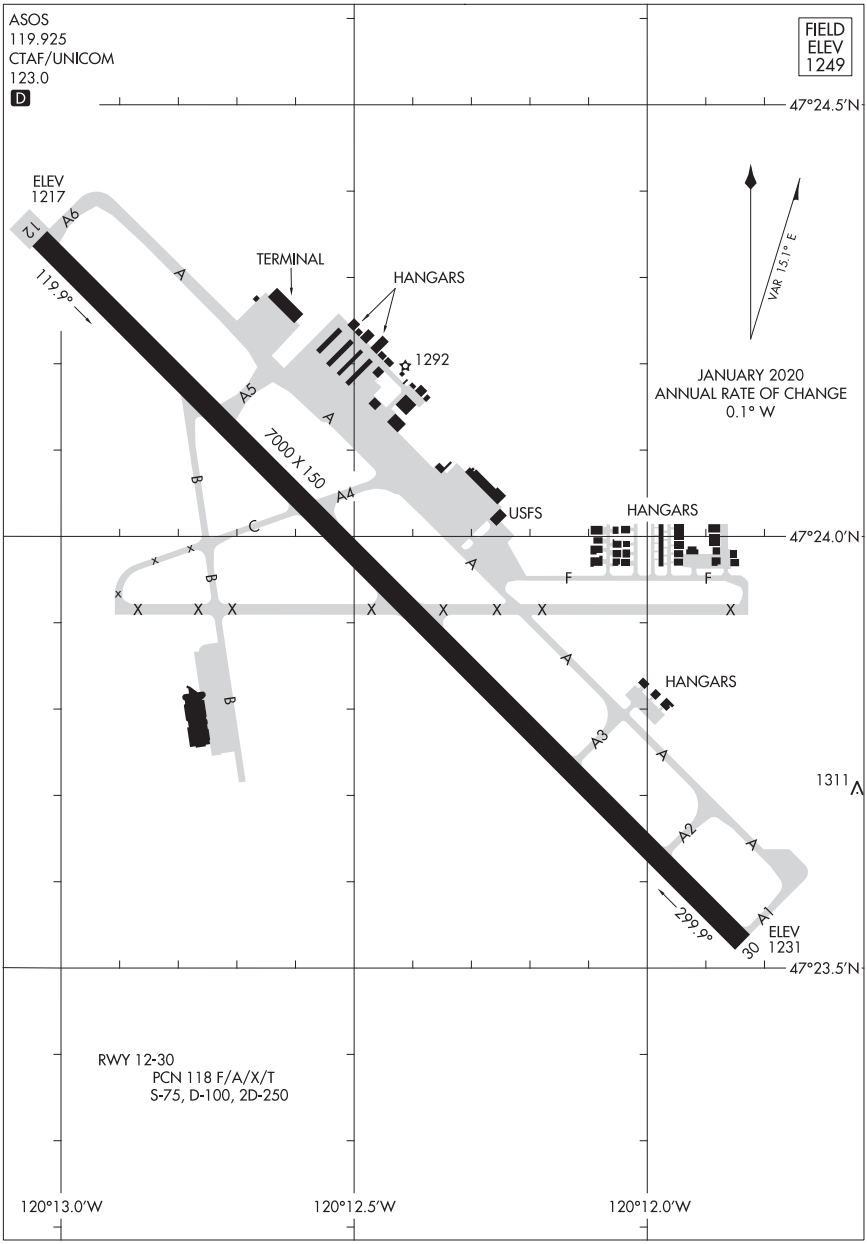
WHIDBEY ISLAND NAS (AULT FLD) (KNUW)

20086

AIRPORT DIAGRAM

AL-641 (FAA)

PANGBORN MEMORIAL (EAT)
WENATCHEE, WASHINGTON



AIRPORT DIAGRAM

20086

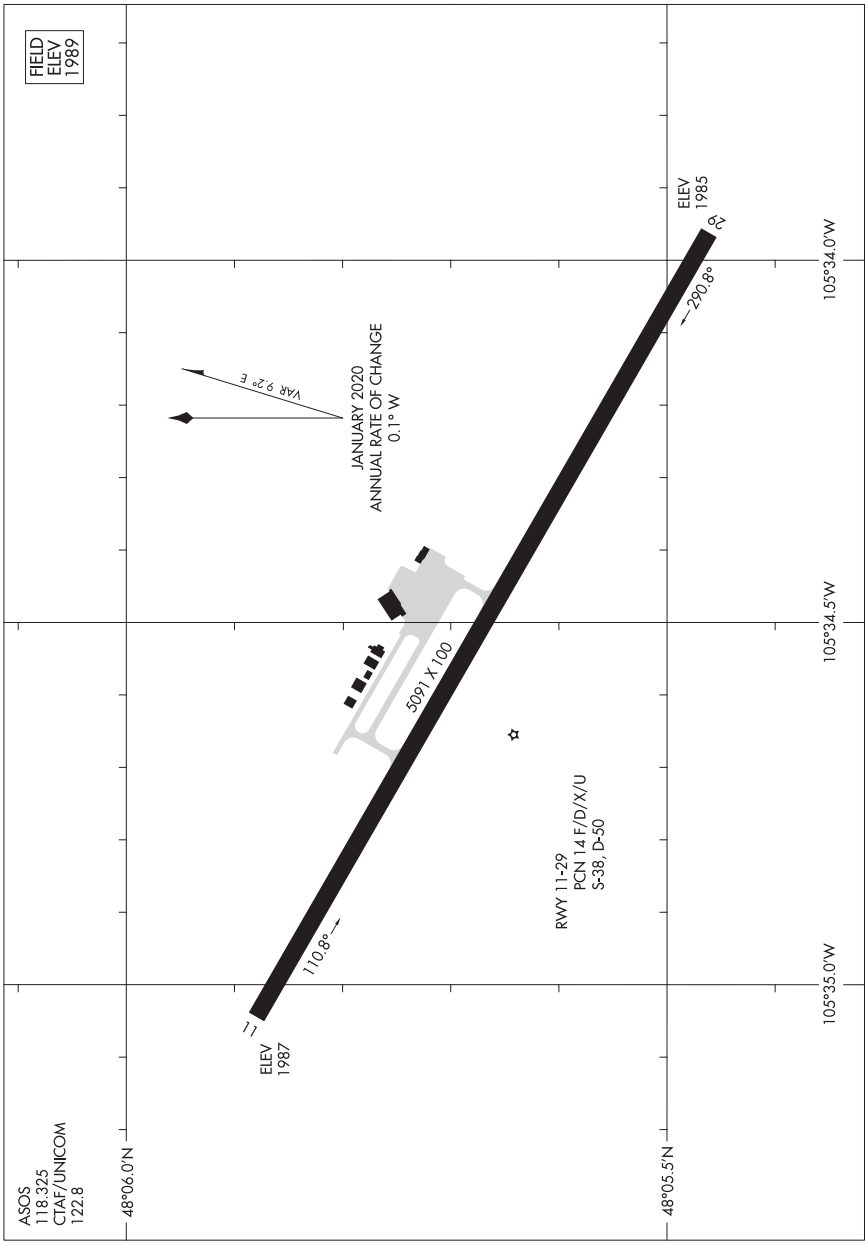
WENATCHEE, WASHINGTON
PANGBORN MEMORIAL (EAT)

20086

AIRPORT DIAGRAM

AL-6018 (FAA)

L M CLAYTON (OLF)
WOLF POINT, MONTANA



AIRPORT DIAGRAM

20086

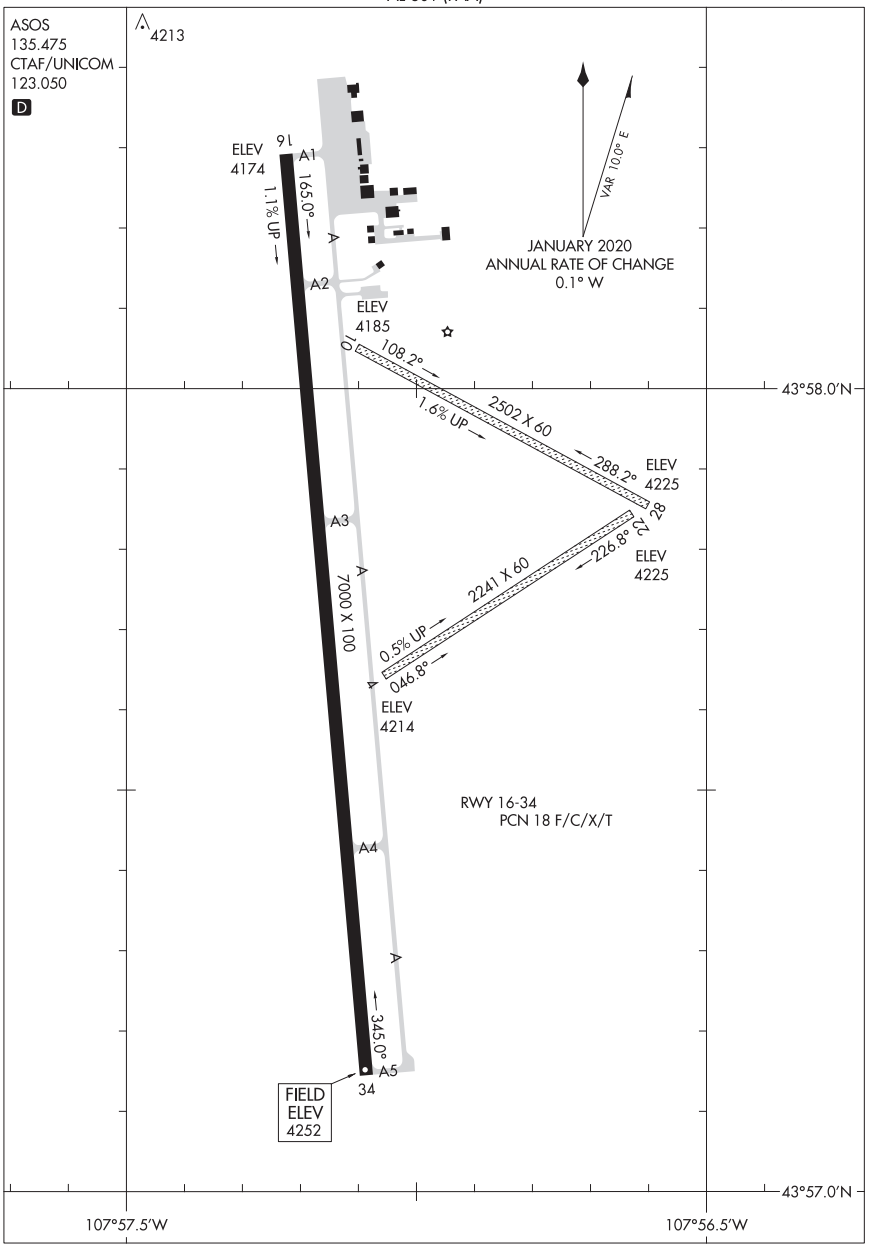
WOLF POINT, MONTANA
L M CLAYTON (OLF)

20086

AIRPORT DIAGRAM

AL-801 (FAA)

WORLAND MUNI (WRL)
WORLAND, WYOMING



AIRPORT DIAGRAM

20086

WORLAND, WYOMING
WORLAND MUNI (WRL)

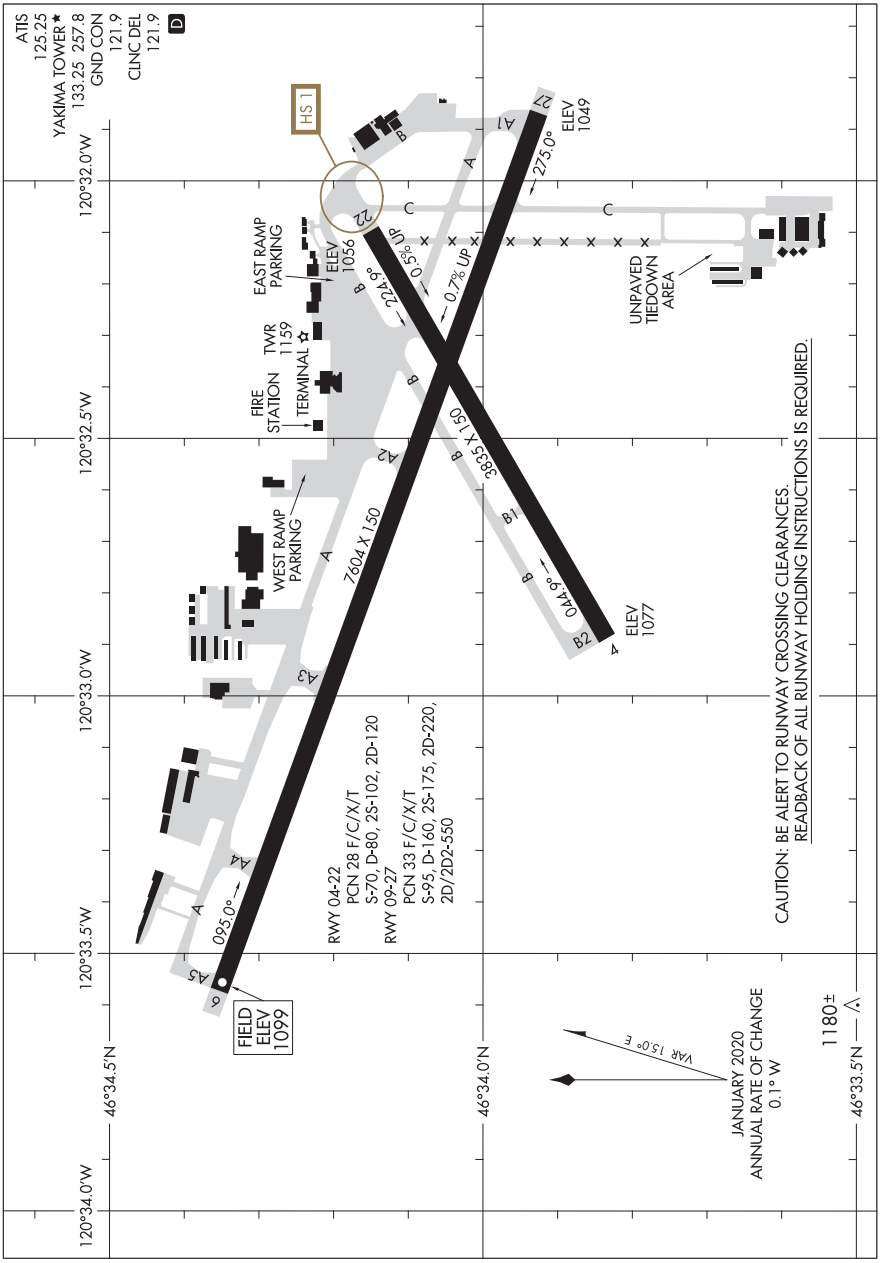
20086

AIRPORT DIAGRAM

YAKIMA AIR TERMINAL/MCALLISTER FIELD (YKM)

AL-465 (FAA)

YAKIMA, WASHINGTON



AIRPORT DIAGRAM
20086
YAKIMA, WASHINGTON
YAKIMA AIR TERMINAL/MCALLISTER FIELD (YKM)

INTENTIONALLY
LEFT
BLANK

Submitting Pilot Weather Reports (PIREPs)

1. UA - Routine PIREP / UUA - Urgent PIREP

2. /OV - Location: Use Airport or NAVAID identifiers only.

- Location can be reported as a single fix, radial DME, or a route segment (Fix- Fix)

Examples: /OV LAX, /OV LAX-SLI120005, /OV PDZ-PSP.

3. /TM – Time: When conditions occurred or were encountered**.**

- Use 4 digits in UTC.

Examples: /TM 1645, /TM 0915

4. /FL - Altitude/Flight Level

- Use 3 digits for hundreds of feet. If not known, use UNKN.

Examples: /FL095, /FL310, /FLUNKN

5. /TP - Type aircraft: Required if reporting Turbulence or Icing

- No more than 4 characters, use UNKN if the type is not known.

Examples: /TP P28A, /TP RV8, /TP B738, /TP UNKN

6. /SK – Sky Condition/Cloud layers:

- Report cloud coverage using contractions: FEW, SCT, BKN, OVC, SKC
- Report bases in hundreds of feet: BKN005, SCT015, OVC200
- If bases are unknown, use UNKN
- Report cloud tops in hundreds of feet: TOP120

Examples: /SK BKN035, /SK SCT UNKN-TOP125, /SK OVC095-TOP125/ SKC

7. /WX - Weather: Flight visibility is always reported first. Append FV reported with SM.

- Report visibility using 2 digits: FV01SM, FV10SM
- Unrestricted visibility use FV99SM.
- Use standard weather contractions e.g.: RA, SH, TS, HZ, FG, -, +

Examples: /WX FV01SM +SHRA, /WX FV10 SM -RA BR.

8. /TA - Air temperature (Celsius): Required when reporting icing

- 2 digits, unless below zero, then prefix digits with M.

Examples:/TA 15, /TA 04 /TA M06

9. /WV - Wind: Direction in 3 digits, speed in 3 or 4 digits, followed by KT.

Examples: /WV 270045KT, /WV 080110KT

10. /TB - Turbulence:

- Report intensity using LGT, MOD, SEV, or EXTRM
- Report duration using INTMT, OCNL or CONS when reported by pilot.
- Report type using CAT or CHOP when reported by pilot.
- Include altitude only if different from /FL.
- Use ABV or BLO when limits are not defined.
- Use NEG if turbulence is not encountered.

Examples: /TB OCNL MOD, /TB LGT CHOP, /LGT 060, /TB MOD BLO 090, / TB NEG

11. /IC - Icing:

- Report intensity using TRACE, LGT, MOD or SEV
- Report type using RIME,CLR, or MX
- Include altitude only if different than /FL.
- Use NEG if icing not encountered.

Examples: /IC LGT-MOD RIME, /IC SEV CLR 028-045, /IC NEG

12. /RM - Remarks: Use to report phenomena that does not fit in any other field.

- Report the most hazardous element first.
- Name of geographic location from /OV field fix.

Examples: /RM LLWS +/-15KT SFC-003 DURC RWY22 JFK
/RM MTN WAVE, /RM DURC, /RM DURD, /RM MULLAN PASS
/RM BA RWY 02L BA MEDIUM TO POOR 3IN DRY SN OVER COMPACTED SN

Examples of Completed PIREPS

UA /OV RFD /TM 1315 /FL160 /TP PA44 /SK OVC025-TOP095/OVC150 /TA M12 /TB INTMT LGT CHOP

UA /OV DHT360015-AMA /TM 2116 /FL050 /TP PA32 /SK BKN090 /WX FV05SM –RA /TA 04 /TB LGT /IC NEG

UUA /OV PDZ010018 /TM 1520 /FL125 /TP C172 /WV 270048KT TB SEV 055-085 /RM CAJON PASS

*

PIREP FORM

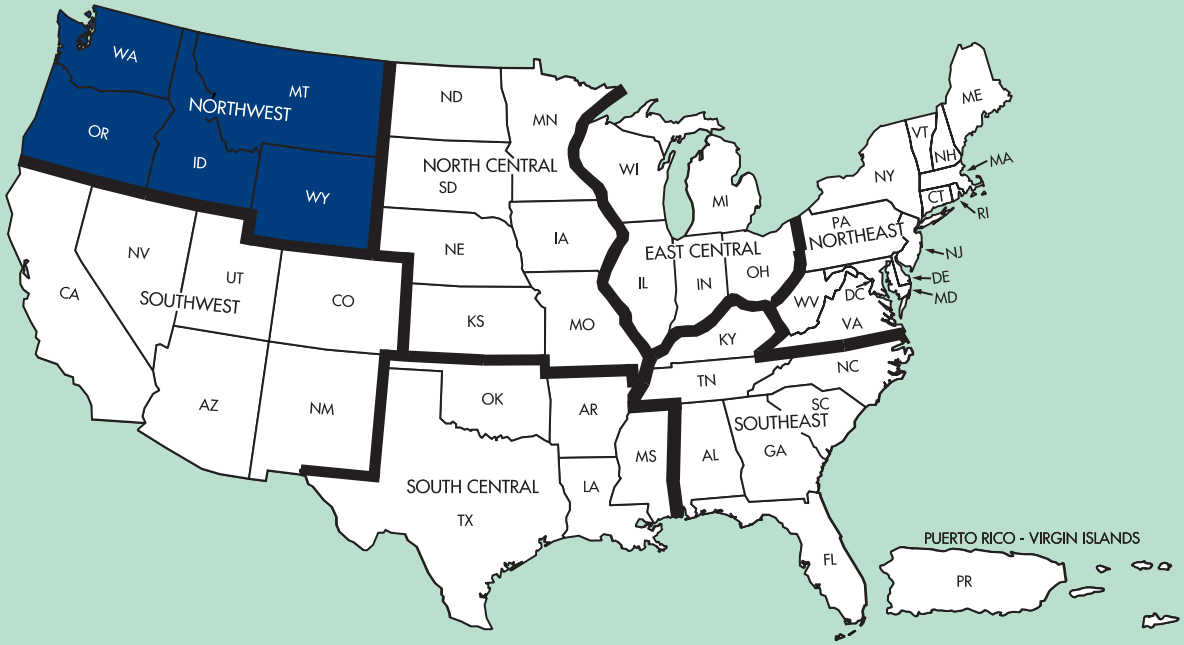
3 or 4 letter Identifier

____ ____ ____ ____ 1. **UA**____ **UUA**____

Routine **Urgent**

2. **/OV**	Location
3. **/TM**	Time
4. **/FL**	Altitude/Flight Level
5. **/TP**	Aircraft Type
Items 1 through 5 are mandatory for all PIREPs	
6. **/SK**	Sky Condition
7. **/WX**	Flight Visibility & Weather
8. **/TA**	Temperature (Celsius)
9. **/WV**	Wind
10. **/TB**	Turbulence
11. **/IC**	Icing
12. **/RM**	Remarks

FAA Form 7110-2 (9/19) Supersedes Previous Edition



FAA Product ID: AFDNW

NSN 7641014004627

EFF. DATE 20310

NGA REF. NO. ENRXXAFDUSNW

OK-10-2861

NW ID MT OR WA WY

5 NOV 2020 TO 31 DEC 2020