

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
CCY	RNAV (GPS) RWY 12	2	CHARLES CITY	IA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1125	1121	RNAV (GPS) RWY 12	03/31/2016	0W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			ROUTINE		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 035/30 CW 215/30	NOPT	JUKAG	IF/IAF	4000
2. 215/30 CW 035/30		JUKAG	IF/IAF	4000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
JUKAG	IF/IAF	ZEDRA		TF	FB	1.00	125.21	6.10	2700
ZEDRA	FAF	WESBA/1.96 NM TO RW12		TF	FB	0.30	125.29	2.89	
WESBA/1.96 NM TO RW12		RW12	MAP	TF	FO	0.30	125.29	1.96	
RW12	MAP	1371 MSL		CA			125.29		
1371 MSL		IJIBU		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT IJIBU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW JUKAG, RT, 125.21 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	125.29	FAF:	ZEDRA	DIST FAF TO MAP:	4.85	DIST FAF TO THLD:	4.85							
4.	MIN ALT:	JUKAG 4000, ZEDRA 2700, WESBA/1.96 NM TO RW12 1780													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.67	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	ZEDRA 2700			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALO ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALO ALTIMETER SETTING AND INCREASE LPV DA TO 1481 FEET; INCREASE LNAV/VNAV DA TO 1481 FEET; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 305.49 INBOUND.
CHART FAS OBST: 1201 TREE (19-041057) 430457N/0923647W.
CHART VDP AT 0.95 NM TO RW12.
WAAS CHANNEL # 58038
REFERENCE PATH ID: W12A
CHART CIRCLING ICON.
LTP HAE: 309.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1371	1	250	1371	1	250	1371	1	250		NA				
LNAV/VNAV DA	1371	1	250	1371	1	250	1371	1	250		NA				
LNAV MDA	1460	1	339	1460	1	339	1460	1	339		NA				
CIRCLING	1520	1	395	1580	1	455	1760	1 3/4	635		NA				

CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED WESBA DESCRIPTION FROM "WESBA/2.00 NM TO RW12" TO "WESBA/1.96 NM TO RW12" - WESBA FIXED MOVED 259.66 FT SE TO ALIGN WITH FINAL APPROACH COURSE.
2. TERMINAL ROUTES: UPDATED ZEDRA TO WESBA DISTANCE FROM "2.85" TO "2.89" - FIX WESBA MOVED.
3. TERMINAL ROUTES: UPDATED WESBA TO RW12 DISTANCE FROM "2.00" TO "1.96" - FIX WESBA MOVED.
4. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBSTACLE NOTE FROM "CHART FAS OBST: 1201 TREE 430457N/0923647W" TO "CHART FAS OBST: 1201 TREE (19-041057) 430457N/0923647W." - SAME OBSTACLE, JUST ADDED OAS NUMBER.
5. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP NOTE FROM "CHART VDP AT 0.99 MILES TO RW12*" TO "CHART VDP AT 0.95 NM TO RW12." - VGSI TCH VALUE CHANGED FROM 27 TO 40.1
6. ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" NOTE AND REMOVED "*" FROM PROFILE LINE 4 - NO LONGER REQUIRED IN CRITERIA.
7. PROFILE LINE 7: ADDED "20:1 IS CLEAR" NOTE - IAW 8260.19J 8-6-7.
8. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "E4679FB4" TO "EB407529" - FPAP COORDS CHANGED.
9. NOTES: CHANGED UNCOMPENSATED BARO-VNAV NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C." - IAW 8260.19J 8-6-10.
10. NOTES: REMOVED "DME/DME RNP -0.3 NA." - NO LONGER REQUIRED IN CRITERIA.
11. NOTES: UPDATED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL DA 110 FEET AND VISIBILITIES 1/4 MILE. INCREASE ALL MDA 120 FT AND INCREASE LNAV CAT C VISIBILITY 3/8 MILE, AND CIRCLING VISIBILITY CAT C 1/2 MILE." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALO ALTIMETER SETTING AND INCREASE LPV DA TO 1481 FEET; INCREASE LNAV/VNAV DA TO 1481 FEET; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM." - NEW TARGETS EVAL.
12. NOTES: UPDATED VDP AND BARO VNAV NOTE FROM "CHART NOTE: VDP AND BARO VNAV NA WHEN USING WATERLOO ALTIMETER SETTING." TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALO ALTIMETER SETTING." - IAW 8260.19J 8-6-10.
13. NOTES: UPDATED CIRCLING NA NOTE FROM "CHART NOTE: CIRCLING RWY 4-22 AND 18-36 NA." TO "CHART NOTE: CIRCLING NA TO RWYS 4 AND 22." - RWY 18/36 CLOSED PERMANENTLY PER NOTAM 12/003.
14. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.19J 8-6-8.
15. NOTES: REMOVED NOTE "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - VGSI UPDATED AND COMMISSIONED TO BE COINCIDENT WITH GLIDEPATH ANGLE.
16. PROFILE LINE 2: ADDED MAXIMUM ALTITUDE 6000 TO HOLD-IN-LIEU AT JUKAG - IAW 8260.19 PARA 8-6-7 B (2).

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMP, ALO APP CON, AMGR

FLIGHT CHECKED BY
MARC RAYMOND WEBBER

Digitally signed by
CASEY D HILL
Jun 11, 2025

OFFICE

FIOG

DATE

06/05/2025

DEVELOPED BY
DEVON KERCHER

Digitally signed by
CASEY D HILL
Jun 11, 2025

OFFICE

AJV-A431

DATE

02/20/2025

APPROVED BY
ROBERT G HAMILTON

Digitally signed by
CASEY D HILL
Jun 11, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
CCY

PROCEDURE NAME
RNAV (GPS) RWY 12

ORIGINAL/AMENDMENT
2

CITY
CHARLES CITY

STATE
IA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCCY
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	430437.4155N
LTP/FTP LONGITUDE	0923703.2360W
LTP/FTP ELLIPSOIDAL HEIGHT	+03094
FPAP LATITUDE	430345.8465N
FPAP LONGITUDE	0923524.0955W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	EB407529
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03404
FPAP ORTHOMETRIC HEIGHT	+03404



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CCY	RNAV (GPS) RWY 12	2	CHARLES CITY	IA	1125	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 035/30 CW 215/30 **TO** JUKAG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (19-020063)	432832.00N/0924230.00W	2828	500	50	5D	1000				AT78	4000
TERRAIN	433718.00N/0923745.00W	1440 (1400)								AS1500	2900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 215/30 CW 035/30 **TO** JUKAG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (27-000020)	433414.95N/0922538.07W	2642	20	50	1D	1000				AT358	4000
TERRAIN	432830.00N/0923212.00W	1397 (1400)								AS1500	2900

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: LNAV

FROM

JUKAG (IF/IAF)

TO

ZEDRA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.10				

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	430948.00N/0924951.00W	1352	215	8	4B	500				AT148	2000
TERRAIN	430948.00N/0925021.00W	1151 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

ZEDRA

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.85		DA	250	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (19-043840)	430441.22N/0923705.10W	1127	20	3	1A		34.00:1				1371

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

ZEDRA

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.85		DA				250				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				1371

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

ZEDRA

TO

WESBA/1.96 NM TO RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.89										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	430715.00N/0924048.00W	1319	215	8	4B	250				RA120 XP91	1780

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RETAIN CURRENT ALTITUDE



FINAL: LNAV STEPDOWN

FROM

WESBA/1.96 NM TO RW12

TO

RW12

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
0.30	1.96		RW12	339							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (19-041057)	430456.63N/0923646.96W	1201	20	3	1A	250					1460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

JUKAG

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
		P-5									
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-000913)	431426.44N/0925825.21W	1511	250	50	4D	1000				AT1489	4000
TERRAIN	431415.00N/0925824.00W	1233 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

IJIBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30											1182
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	430157.00N/0922748.00W	1359	215	8	4B	1000					2400
TERRAIN	430157.00N/0922748.00W	1158 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

IJIBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30								1221			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	430157.00N/0922748.00W	1359	215	8	4B	1000					2400
TERRAIN	430157.00N/0922748.00W	1158 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LNAV

FROM

RW12

TO

IJIBU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											1360
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
AAO	430157.00N/0922748.00W	1359	215	8	4B	1000					2400
TERRAIN	430157.00N/0922748.00W	1158 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (19-041057)	430456.63N/0923646.96W	1.30	395	1201	20	3	1A	300			1520
CATEGORY B											
TREE (19-041057)	430456.63N/0923646.96W	1.84	455	1201	20	3	1A	300		HAA	1580
CATEGORY C											
TOWER (19-000047)	430311.81N/0924014.53W	2.90	635	1402	20	50	1D	300		AC50	1760

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, ALO APP CON, FOD FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3	CCY	24	CCY		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	ALO	24	ALO	32.28	Y	110

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
CCY 1125, ALO 873
RA = 109.7

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW04			
RW36			
RW22			
RW18			
RW12 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-F		
RW30 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)	NPI-F		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	1116.7	40.0			3.00	40.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-23C	+54C	-27C	+12.77C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 831 HIGH TEMP 1181.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

INITIAL ALTITUDES @ 4000 FEET AND TAA I DESIGN DEVELOPED IAW PROCEDURE DESIGN REQUEST.

VEGETATION HEIGHT 30 FEET PER PROCEDURE DESIGN REQUEST.

CIRCLING TO RUNWAYS 4-22 NA - TURF RUNWAY.

VGS SURFACE PENETRATIONS:

1119 MSL NAVAID (19-025013) (1A) 430436.85N/0923703.96W BY 1.93 FEET.

1118 MSL NAVAID (19-025012) (1A) 430438.10N/0923702.75W BY 0.93 FEET.

BOTH VERIFIED BY FPT AS PART OF THE AIRPORT LIGHTING SYSTEM.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.96
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	125.29
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	4.65
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	125.29
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)	430437.42N/0923703.24W
ARP COORDINATES	430423.01N/0923637.61W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 12 DISTANCE 0.39 NM
FAF COORDINATES	430725.55N/0924227.07W
FIX NAME COORDINATES	

REMARKS

IF/IAF JUKAG 431056.84N 0924915.39W 30 NM RADIUS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DEVON KERCHER	AJV-A431	02/20/2025	AERONAUTICAL INFORMATION SPECIALIST

