

RADIO FIX AND HOLDING DATA RECORD

NAME: BOULDER CITY VORTAC STATE: NV COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 355944.84N/1145148.88W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA FEET	MAA
1	BOULDER CITY	BLD	VORTAC	H						45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	BLD	VORTAC	150.00	330.00	R	1		6000	14000	7	10
2	SE		WP	150.00	330.00	R		6	6000	14000	8	11
3	SE	BLD	VORTAC	139.00	319.00	R		7	7000	8000	9	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	355652.00N/1145650.00W	4320	2C
1	310	AAO	355948.00N/1143642.00W	5466	4E
2	230	AAO	355651.00N/1145654.00W	4262	3E
2	310	AAO	355948.00N/1143642.00W	5466	4E
3	230	AAO	355651.00N/1145654.00W	4262	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	300
1	310	300
2	230	300
2	310	300
3	230	320

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26L	KLAS	LAS VEGAS	NV (US)
1	ILS OR LOC RWY 26R	KLAS	LAS VEGAS	NV (US)
1	ILS OR LOC RWY 1L	KLAS	LAS VEGAS	NV (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
 FACILITY MAGVAR IS 15E
 PAT 1,2 230KT HOLDING PATTERN FOR MILITARY AIRCRAFT
 PAT 1 (230KT) CONTROLLING OBSTACLE LOCATED IN SECONDARY (PRIMARY EQUIV 3803)
 PAT 1 (310KT) CONTROLLING OBSTACLE LOCATED IN SECONDARY (PRIMARY EQUIV 4559)
 PAT 2 (310KT) CONTROLLING OBSTACLE LOCATED IN SECONDARY (PRIMARY EQUIV 4738)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS			KBVU	BOULDER CITY	NV (US)
DP	TAKEOFF MINIMUMS			KHND	LAS VEGAS	NV (US)
DP	HOOVER		1	KLAS	LAS VEGAS	NV (US)
DP	MCCARRAN		1	KLAS	LAS VEGAS	NV (US)
DP	TAKEOFF MINIMUMS			KLAS	LAS VEGAS	NV (US)
DP	BOULDER CITY (OBSTACLE)			KVGT	LAS VEGAS	NV (US)
EN ROUTE	J107					(US)
EN ROUTE	J110					(US)
EN ROUTE	J60					(US)
EN ROUTE	J72					(US)
EN ROUTE	J86					(US)
EN ROUTE	J92					(US)
EN ROUTE	Q114					(US)
EN ROUTE	Q74					(US)
EN ROUTE	V105					(US)
EN ROUTE	V21					(US)
EN ROUTE	V237					(US)
EN ROUTE	V283					(US)
EN ROUTE	V514					(US)
EN ROUTE	V587					(US)
EN ROUTE	V629					(US)
IAP	VOR/DME RWY 21			KIGM	KINGMAN	AZ (US)
IAP	VOR-C		1	KHND	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 1L		1	KLAS	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 26L		1	KLAS	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 26R		1	KLAS	LAS VEGAS	NV (US)

IAP	RNAV (RNP) RWY 26L	3	KLAS	LAS VEGAS	NV (US)
IAP	RNAV (RNP) RWY 26R	3	KLAS	LAS VEGAS	NV (US)
IAP	VOR RWY 26 L/R	1	KLAS	LAS VEGAS	NV (US)
IAP	VOR/DME-A	1	KLAS	LAS VEGAS	NV (US)
STAR	COYOT		KPHX	PHOENIX	AZ (US)
STAR	CLARR		KBVU	BOULDER CITY	NV (US)
STAR	FUZZY		KBVU	BOULDER CITY	NV (US)
STAR	ADDEL (RNAV)	2	KHND	LAS VEGAS	NV (US)
STAR	CLARR		KHND	LAS VEGAS	NV (US)
STAR	FUZZY		KHND	LAS VEGAS	NV (US)
STAR	JOMIX (RNAV)	2	KHND	LAS VEGAS	NV (US)
STAR	NOOTN (RNAV)	2	KHND	LAS VEGAS	NV (US)
STAR	PUMLE		KHND	LAS VEGAS	NV (US)
STAR	BLAID		KLAS	LAS VEGAS	NV (US)
STAR	CLARR		KLAS	LAS VEGAS	NV (US)
STAR	CRESO		KLAS	LAS VEGAS	NV (US)
STAR	FUZZY		KLAS	LAS VEGAS	NV (US)
STAR	GRMMA		KLAS	LAS VEGAS	NV (US)
STAR	GRNPA (RNAV)	2	KLAS	LAS VEGAS	NV (US)
STAR	ISHEE		KLAS	LAS VEGAS	NV (US)
STAR	KEPEC (RNAV)	2	KLAS	LAS VEGAS	NV (US)
STAR	PUMLE		KLAS	LAS VEGAS	NV (US)
STAR	SITEE (RNAV)	2	KLAS	LAS VEGAS	NV (US)
STAR	SUNST (RNAV)	2	KLAS	LAS VEGAS	NV (US)
STAR	TYSSN (RNAV)	2	KLAS	LAS VEGAS	NV (US)
STAR	CLARR		KVGT	LAS VEGAS	NV (US)
STAR	FUZZY		KVGT	LAS VEGAS	NV (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

1. FIX USE: DELETED DP: LAS VEGAS; STARS: KADDY, LUXOR, GRNPA (RNAV), KNGMN (RNAV)
2. ADDED HOLDING PATTERN #3 AND ALL ASSOCIATED DATA - ATC REQUEST FOR LAS METROPLEX
3. ADDED KLAS RNAV (RNP) RWY 26L AND RNAV (RNP) RWY 26R TO FIX USE
4. REMOVED KLAS RNAV (GPS) RWY 1R FROM FIX USE
5. ADDED KLAS STARS TO FIX USE: GRMMA, ISHEE, BLAID, PUMLE
6. ADDED KHND PUMLE STAR TO FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: SCOTT BAGENSIE

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: LAS APP CON/ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ENNVY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 360058.51N/1152114.95W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	BOULDER CITY	BLD	VORTAC	H	258.08	273.08	23.91	23.91		11000	45000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PUMLE	1		KHND	LAS VEGAS	NV (US)
STAR	COKTL (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	JAYSN (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	PUMLE	1		KLAS	LAS VEGAS	NV (US)
STAR	RNDRZ (RNAV)			KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/21/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: LAS APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ZLLDA

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 360819.66N/1154503.06W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	BEATTY	BTY	VORTAC	H	113.12	129.12	62.44	62.44		14800	45000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PUMLE	1		KHND	LAS VEGAS	NV (US)
STAR	COKTL (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	PUMLE	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/21/2020

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE:

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY:
OTHER: