

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	FEET	MRA	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	14
2	SE		WP	150.00	330.00	R		6	6000	14000	8	11
3	SE		WP	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	330
2	310	300
2	230	300
3	230	320

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 26R	KLAS	LAS VEGAS	NV (US)
1	ILS OR LOC RWY 1L	KLAS	LAS VEGAS	NV (US)
1	ILS OR LOC RWY 26L	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	PUMLE		KHND	LAS VEGAS	NV (US)
STAR	BLAID		KLAS	LAS VEGAS	NV (US)
STAR	CRESO		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	PUMLE		KLAS	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: 24

DATE OF REVISION: 03/24/2022

REASON FOR REVISION:

1. PATTERN 1 (310KT) PRECIPITOUS TERRAIN ADJUSTMENT CHANGED FROM 300 TO 330.
2. PATTERN 1 MAXIMUM TEMPLATE SIZE INCREASED FROM 10 TO 14.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** KARLIE BUNTIN

APPROVED BY: **DATE:** 03/24/2022 **OFFICE:** AJV-A430 **NAME:** LONNIE EVERHART

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: NODIY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355653.81N/1151434.55W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	10.03	10.04	60983	5300	6500

REMARKS:

DME ANTENNA: 360601.72N/1150925.06W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/25/2021

REASON FOR REVISION:

1. CHANGED LOCATION FROM 355653.82N/1151434.47W TO 355653.81N/1151434.55W (MOVED 6 FEET) - UPDATED CRITERIA.
2. UPDATED DME ANTENNA LAT/LONG FROM 360601.73N/1150925.06W TO 360601.72N/1150925.06W - UPDATED DATA
3. UPDATED FAC 1 "DIST FROM FAC" FROM 60982 TO 60983 - UPDATED DATA

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: JOSEPH BLANCO

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ROAMN

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 354857.47N/1152021.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP
STAR
STAR
STAR

ILS OR LOC RWY 1L
COKTL (RNAV)
JAYSN (RNAV)
RNDZR (RNAV)

KLAS
KLAS
KLAS
KLAS

LAS VEGAS
LAS VEGAS
LAS VEGAS
LAS VEGAS

NV (US)
NV (US)
NV (US)
NV (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/25/2021

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: TRREY

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355126.54N/1151740.79W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	LAS VEGAS	I-CUA	LOC/DME		193.91	204.91	16.03	16.04		7000	8000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-CUA	LOC/DME	R-194	17	7000	8000

REMARKS:

DME ANTENNA: 360601.73N/1150925.06W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 1L	1		KLAS	LAS VEGAS	NV (US)
STAR	CHOWW (RNAV)			KLVS	LAS VEGAS	NM (US)
STAR	RKSTR (RNAV)			KLAS	LAS VEGAS	NV (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/22/2021

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
ADDED STAR TO REQUIRED CHARTING.
ADDED KLAS STARS CHOWW (RNAV) AND RKSTR (RNAV) TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE: 04/01/2021

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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