

RADIO FIX AND HOLDING DATA RECORD

NAME: BONNEVILLE VORTAC

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 404333.95N/1134526.70W

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	BONNEVILLE	BVL	VORTAC	VH						45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E	BVL	VORTAC	072.16	252.16	R	1-1 1/2	9000 17500	9 16
2	W	BVL	VORTAC	255.14	075.14	L	1-1 1/2	9000 17500	9 16
3	NE		WP	067.16	247.16	R	7	9000 17500	10 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	405000.00N/1135430.00W	6316	4E
1	310	AAO	405409.00N/1134945.00W	7271	4E
2	230	AAO	404703.00N/1140427.00W	6916	4E
3	230	AAO	405000.00N/1135433.00W	6346	4E
3	310	AAO	405424.00N/1134939.00W	7517	4E

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KENV	WENDOVER	UT (US)
1	VOR/DME-B	KENV	WENDOVER	UT (US)
3	RNAV (GPS) RWY 8	KENV	WENDOVER	UT (US)
3	RNAV (GPS)-A	KENV	WENDOVER	UT (US)
3	WENDOVER (RNAV)	KENV	WENDOVER	UT (US)
3	RNAV (GPS)-C	KENV	WENDOVER	UT (US)

REMARKS:

PATTERN 1 230 KT CONTROLLING OBS LOCATED 120006 FT (1.98 NM) INTO SECONDARY AREA.

PATTERN 2 FOR ATC.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BVL VORTAC MAGNETIC VARIATION: 12E/2020.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	KENV	WENDOVER	UT (US)
DP	WENDOVER (RNAV)		3	KENV	WENDOVER	UT (US)
EN ROUTE	J154					(US)
EN ROUTE	Q124					(US)
EN ROUTE	V200					(US)
EN ROUTE	V32					(US)
IAP	RNAV (GPS) RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	TACAN RWY 12			KDPG	DUGWAY PROVING GROUND	UT (US)
IAP	RNAV (GPS) RWY 8		3	KENV	WENDOVER	UT (US)
IAP	RNAV (GPS)-A		3	KENV	WENDOVER	UT (US)
IAP	RNAV (GPS)-C		3	KENV	WENDOVER	UT (US)
IAP	VOR/DME OR TACAN RWY 26			KENV	WENDOVER	UT (US)
IAP	VOR/DME-B		1	KENV	WENDOVER	UT (US)
STAR	WLKRR (RNAV)			KOGD	OGDEN	UT (US)
STAR	BONNEVILLE			KSLC	SALT LAKE CITY	UT (US)
STAR	YUTES (RNAV)			KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: ADDED STAR YUTES (RNAV) AND REMOVED STAR WAATS (RNAV) AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND**APPROVED BY:****DATE:** 12/26/2024**OFFICE:** AJV-A430**NAME:** BEV L BORDY**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: CEEDR

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 401738.50N/1120219.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR

USE TITLE

CARTR (RNAV)
SKEES (RNAV)
YUTES (RNAV)

FAC

PAT

AIRPORT IDENT

KSLC
KSLC
KSLC

CITY

SALT LAKE CITY
SALT LAKE CITY
SALT LAKE CITY

STATE

UT (US)
UT (US)
UT (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

ADDED STARS CARTR (RNAV) AND YUTES (RNAV) AT KSLC TO FIX USE.
REMOVED STARS WAATS (RNAV) AND NORDK (RNAV) AT KSLC FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: FAIRFIELD VORTAC

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 401629.62N/1115625.91W

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	FAIRFIELD	FFU	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V200 12500 EASTBOUND
MCA V200 10700 NORTHWEST BOUND
MCA V134 10800 EASTBOUND
MCA V235 12500 NORTHEAST BOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	S	FFU	VORTAC	160.00	340.00	R	1	10000 45000	9 29
2	S	FFU	VORTAC	188.00	008.00	R	1	10700 45000	9 29
3	S		WP	160.00	340.00	R	7	10000 14000	10 11
4	S		WP	160.00	340.00	R	7	11000 17500	10 17
5	S	FFU	VORTAC	160.00	340.00	R	1	9000 14000	9 10
6	S		WP	160.16	340.16	R	7	9000 12000	10 10
7	S	FFU	VORTAC	160.00	340.00	R	1	11500 14000	9 18
8	S		WP	160.00	340.00	R	4	9100 10000	4 4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	401630.00N/1115627.00W	7888	4B
2	230	AAO	401630.00N/1115627.00W	7878	4E
2	310	AAO	402342.00N/1113945.00W	10286	4E
3	230	AAO	401630.00N/1115627.00W	7888	4B
4	230	AAO	401656.65N/1115631.75W	7855	2A
5	230	AAO	401524.00N/1115536.00W	7840	2C
6	230	AAO	401630.00N/1115627.00W	7878	4E
7	230	AAO	401628.78N/1115625.96W	7898	4E
7	310	AAO	395627.00N/1114351.00W	10065	4E
8	175	TOWER (49-000246)	401643.63N/1115603.31W	7843	4D

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	190
2	230	240
2	310	380
3	230	220
4	230	118
5	230	132
6	230	143
7	230	180
7	310	380

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	TEXTUAL DEPARTURE	U42	SALT LAKE CITY	UT (US)
3	RNAV (GPS) RWY 13	KPVU	PROVO	UT (US)
3	RNAV (GPS) Y RWY 16L	KSLC	SALT LAKE CITY	UT (US)
5	ILS OR LOC RWY 13	KPVU	PROVO	UT (US)
7	SPANISH FORK (OBSTACLE)	KSPK	SPANISH FORK	UT (US)

REMARKS:

CHART PAT 1 ENRT LOW AND ENRT HIGH
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING WITHIN R-6412 B & D.
FFU VORTAC MAGVAR: 16E/1965.
HOLDING PAT 2 310K OBSTACLE LOCATED 12,128' INTO THE SECONDARY AREA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	COPTER RNAV (GPS) 05		8	2UT4	HEBER CITY	UT (US)
SPECIAL IAP	COPTER RNAV (GPS) 16		8	UT37	MT. PLEASANT	UT (US)
SPECIAL IAP	COPTER RNAV (GPS) 34		8	UT11	MURRAY	UT (US)
SPECIAL IAP	RNAV VISUAL RWY 31			KPVU	PROVO	UT (US)

SPECIAL IAP	COPTER RNAV (GPS) 10	8	UT51	PROVO	UT (US)
SPECIAL IAP	COPTER RNAV (GPS) 27	8	3UT6	RIVERTON	UT (US)
SPECIAL IAP	COPTER RNAV (GPS) 31	8	3UT6	RIVERTON	UT (US)
SPECIAL IAP	COPTER RNAV (GPS) 34	8	UT08	SALT LAKE CITY	UT (US)
DP	PROVO	5	KPVU	PROVO	UT (US)
DP	FAIRFIELD		KSLC	SALT LAKE CITY	UT (US)
DP	SALT LAKE	1	KSLC	SALT LAKE CITY	UT (US)
DP	TEXTUAL DEPARTURE		KSLC	SALT LAKE CITY	UT (US)
DP	SOUTH VALLEY (RNAV)	3	U42	SALT LAKE CITY	UT (US)
DP	TEXTUAL DEPARTURE	2	U42	SALT LAKE CITY	UT (US)
DP	SPANISH FORK (OBSTACLE)	7	KSPK	SPANISH FORK	UT (US)
EN ROUTE	J11				(US)
EN ROUTE	J116				(US)
EN ROUTE	J12				(US)
EN ROUTE	J202				(US)
EN ROUTE	J9				(US)
EN ROUTE	V134				(US)
EN ROUTE	V200				(US)
EN ROUTE	V21				(US)
EN ROUTE	V235				(US)
IAP	RNAV (GPS) RWY 17		U14	NEPHI	UT (US)
IAP	RNAV (GPS) RWY 35		U14	NEPHI	UT (US)
IAP	ILS OR LOC RWY 13	5	KPVU	PROVO	UT (US)
IAP	RNAV (GPS) RWY 13	3	KPVU	PROVO	UT (US)
IAP	ILS OR LOC RWY 16L	1	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS OR LOC RWY 17	1	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS OR LOC RWY 34L		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS OR LOC RWY 34R		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16L (CAT II-III)	1	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 17 (SA CAT I-II)	1	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT II-III)		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (SA CAT I)		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34R (CAT II-III)		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34R (SA CAT I)		KSLC	SALT LAKE CITY	UT (US)
IAP	LDA RWY 35		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 16L	3	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 17	3	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34L		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34R		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 35		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 16L	3	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 17	3	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) RWY 34	6	U42	SALT LAKE CITY	UT (US)
STAR	BEARR		KSLC	SALT LAKE CITY	UT (US)
STAR	BRIGHAM CITY		KSLC	SALT LAKE CITY	UT (US)
STAR	CARTR (RNAV)	4	KSLC	SALT LAKE CITY	UT (US)
STAR	JAMMN		KSLC	SALT LAKE CITY	UT (US)
STAR	SKEES (RNAV)	4	KSLC	SALT LAKE CITY	UT (US)
STAR	SPANE		KSLC	SALT LAKE CITY	UT (US)
STAR	YUTES (RNAV)	4	KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 37

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. HOLDING: UPDATED PATTERN 1 AND 3 CONTROLLING OBSTRUCTIONS AND ASSOCIATED INFORMATION; REVISED OBSTACLE IS 7888 FT AAO.
2. HOLDING: UPDATED PAT 1 MINIMUM HOLDING ALTITUDE FROM 9000 TO 10000.
3. HOLDING: CHANGED PAT 4 INBOUND COURSE FROM 343 TO 340.
4. HOLDING: REMOVED CLIMB-IN-HOLD FROM YUTES (RNAV) AND CARTR (RNAV) STAR.
5. REMARKS: DELETED "HOLDING PAT 3 PRECIPITOUS ADJUSTMENT OF 117 (116.4) WAS DERIVED FROM AFS-APPROVED SOFTWARE OBTAINED FROM WFPT IN ORDER TO RETAIN THE 9000 MINIMUM PATTERN ALTITUDE."
6. ADDED ALPHABETICAL IDENTIFIER Y TO RNAV (GPS) RWY 16L, RNAV (GPS) RWY 17/35, AND RNAV (GPS) RWY 34L AT KSLC.
7. FIX USE: ADDED RNAV (RNP) Z RWY 17, RNAV (RNP) Z RWY 16L, CARTR (RNAV) STAR, YUTES (RNAV) STAR, AND PITTT (RNAV) STAR AT KSLC.
8. FIX USE: FIX USE: DELETED DELTA (RNAV) STAR, LEEHY (RNAV) STAR, NORDK (RNAV) STAR, PITT (RNAV) STAR, QWENN (RNAV) STAR, AND WAATS (RNAV) STAR AT KSLC.
9. FIX USE: FIX USE: DELETED RNAV (GPS) RWY 16R AT KSLC.
10. FIX USE: COMBINED ILS SPECIAL AUTHORIZATION (SA) CATEGORY NOTATIONS FOR ILS RWY 16L, ILS RWY 17, AND ILS RWY 34L/R AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: PARNELL PRASSADA

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MOINT

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 411509.27N/1122545.58W

TYPE: WP, INT, DME

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	OGDEN	OGD	VORTAC	H	262.61	276.61	15.08	15.08		9000	45000
2	MALAD CITY	MLD	VOR/DME	VH	162.00	179.00	56.82	56.82		13000	45000
3	WASATCH	TCH	VORTAC	VH	304.05	320.05	31.54	31.54		9000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLD	VOR/DME	R-162	57	13000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	OGD	VORTAC	262.61	082.61	R	1		9000	17500	10	17
2	W		WP	265.61	085.61	R		7	9000	17500	10	21
3	NW	TCH	VORTAC	304.05	124.05	R	1		9000	17500	11	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	411827.00N/1122651.00W	7195	4E
1	310	AAO	412339.00N/1122903.00W	7218	4E
2	230	AAO	411827.00N/1122651.00W	7271	4B
2	310	AAO	411827.00N/1122651.00W	7271	4B
3	230	AAO	412354.00N/1122909.00W	7382	4E
3	310	AAO	412924.00N/1123030.00W	7493	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	120
1	230	120
2	310	120
2	230	120
3	310	180
3	230	180

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 3	KOGD	OGDEN	UT (US)
1	VOR-A	KOGD	OGDEN	UT (US)
2	RNAV (GPS) RWY 3	KOGD	OGDEN	UT (US)
3	ILS OR LOC RWY 3	KOGD	OGDEN	UT (US)

REMARKS:

OGDEN (FAC 1) AND MALAD CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-6404A.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V257	1, 2				(US)
EN ROUTE	V6	1, 3				(US)
IAP	RNAV (GPS) RWY 35			KBMC	BRIGHAM CITY	UT (US)
IAP	ILS OR LOC RWY 3	1	1, 3	KOGD	OGDEN	UT (US)
IAP	RNAV (GPS) RWY 3		2	KOGD	OGDEN	UT (US)
IAP	VOR-A	1, 2	1	KOGD	OGDEN	UT (US)
STAR	WLKRR (RNAV)		2	KOGD	OGDEN	UT (US)
STAR	PITTT (RNAV)		2	KSLC	SALT LAKE CITY	UT (US)
STAR	YUTES (RNAV)		2	KSLC	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:
FIX USE: ADDED PITTT (RNAV) AND YUTES (RNAV) AT KSLC.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A433	NAME: GUY COPELAND
APPROVED BY:	DATE: 12/26/2024	OFFICE: AJV-A430	NAME: BEV L BORDY
	SIGNATURE:		

RADIO FIX AND HOLDING DATA RECORD

NAME: SURYP

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 404152.31N/1120508.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP

STAR

STAR

STAR

USE TITLE

RNAV (RNP) Z RWY 34L

CARTR (RNAV)

SKEES (RNAV)

YUTES (RNAV)

FAC

PAT

AIRPORT IDENT

KSLC

KSLC

KSLC

KSLC

CITY

SALT LAKE CITY

SALT LAKE CITY

SALT LAKE CITY

SALT LAKE CITY

STATE

UT (US)

UT (US)

UT (US)

UT (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: GUY COPELAND

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A430

NAME: BEV L BORDY

SIGNATURE: