

RADIO FIX AND HOLDING DATA RECORD

NAME: BHIVE

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 405830.37N/1120107.76W

TYPE: WP, RADAR, 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	SALT LAKE CITY	I-UAT	LOC/DME		343.95	354.95	12.22	12.21		7500	8700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-UAT DME ANT: 404619.63N/1115946.36W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 16R			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 16R			KSLC	SALT LAKE CITY	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. MOVED FIX 2338 FT SOUTH FOR REDESIGNED APPROACHES TO RWY 16R AT KSLC.
2. FIX MAKE-UP FACILITIES: FAC 1 DME CHANGED FROM 12.60 TO 12.22 AND DIST FROM FAC NM CHANGED FROM 12.60 TO 12.21.
3. REMARKS: UPDATED I-UAT DME ANT LAT/LONG: FROM 404619.61N/1115946.36W TO 404619.63N/1115946.36W.
4. FIX USE: CHANGED IAP RNAV (GPS) RWY 16R AT KSLC TO RNAV (GPS) Y RWY 16R, AND COMBINED FORMATTING FOR IAP'S ILS RWY 16R CAT II AND CAT III AT KSLC.
5. FIX USE: ADDED IAP RNAV (RNP) Z RWY 16R AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON

Jan 13, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: BNKER

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 405351.36N/1120035.12W

TYPE: WP, RADAR, 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	FEET	MRA	MAA
1	SALT LAKE CITY	I-UAT	LOC/DME		343.95	354.95	7.55	7.55	45864	6000	8700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-UAT DME ANT: 404619.63N/1115946.36W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 16R			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 16R			KSLC	SALT LAKE CITY	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. MOVED FIX 384 FT NORTH FOR ALIGNMENT WITH NEW RWY 16R PROCEDURES AT AIRPORT.
2. FIX MAKE-UP FACILITIES: FAC 1 DME AND DIST FROM FAC NM CHANGED FROM 7.49 TO 7.55, AND FEET FROM 45481 TO 45864.
3. REMARKS: REMOVED "USED RNP PFAF FORMULA TO CALCULATE FIX COORDINATES".
4. REMARKS: UPDATED LAT/LONG FOR I-UAT DME ANT: FROM "404619.61N/1115946.36W" TO "404619.63N/1115946.36W".
5. FIX USE: CHANGED IAP RNAV (GPS) RWY 16R AT KSLC TO RNAV (GPS) Y RWY 16R, AND COMBINED FORMATTING FOR IAP'S ILS RWY 16R CAT II AND CAT III AT KSLC.
6. FIX USE: ADDED IAP RNAV (RNP) Z RWY 16R AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Jan 13, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: FANDS

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 411613.89N/1120312.65W

TYPE: WP, RADAR, 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	SALT LAKE CITY	I-UAT	LOC/DME		343.95	354.95	30.00	30.00		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UAT	LOC/DME	R-344	30	9000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-UAT DME ANT: 404619.63N/1115946.36W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) RWY 16R			KSLC	SALT LAKE CITY	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

- REMARKS: UPDATED I-UAT DME ANT COORDINATES FROM 404619.61N/1115946.36W TO 404619.63N/1115946.36W.
- FIX USE: COMBINED FORMATTING FOR IAP'S ILS RWY 16R CAT II AND CAT III AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
Jan 13, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: RRUFF

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 410839.42N/1120219.12W

TYPE: WP, RADAR, 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	SALT LAKE CITY	I-UAT	LOC/DME		343.95	354.95	22.40	22.40		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UAT	LOC/DME	R-344	23	9000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-UAT DME ANT: 404619.63N/1115946.36W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 16R			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 16R			KSLC	SALT LAKE CITY	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

- REMARKS: UPDATED I-UAT DME ANT COORDINATES FROM 404619.61N/1115946.36W TO 404619.63N/1115946.36W.
- FIX USE: ADDED IAP RNAV (RNP) Z RWY 16R AT KSLC, AND RNAV (GPS) RWY 16R CHANGED TO RNAV (GPS) Y RWY 16R AT KSLC.
- FIX USE: COMBINED FORMATTING FOR IAP'S ILS RWY 16R CAT II AND CAT III AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Jan 13, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: STACO STATE: UT COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 404919.91N/1122510.55W TYPE: WP, INT, 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	MRA	MAA
1	WASATCH	TCH	VORTAC	VH	249.32	265.32	20.00	20.00	8100	17500
2	OGDEN	OGD	VORTAC	VL	197.30	211.30	28.17	28.17	8100	17500
3	MALAD CITY	MLD	VOR/DME	VH	162.00	179.00	82.63	82.63	13000	17500
4	FAIRFIELD	FFU	VORTAC	VH	310.42	326.42	39.46	39.46	12100	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLD	VOR/DME	R-162	83	13000	17500

FIX RESTRICTIONS:

MCA V257 10500 SOUTHBOUND
MCA V200 11000 SOUTHEAST 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	W	TCH	VORTAC	249.32	069.32	R	1		9000	17500	11	18
2	W		WP	251.32	071.32	R		7	9000	17500	10	17
3	W	TCH	VORTAC	249.32	069.32	L	1		8100	14000	10	11
4	W		WP	251.32	071.32	L		7	8100	17500	10	17
5	W		WP	252.32	072.32	R		7	9000	12000	10	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	403920.79N/1123720.86W	8239	2C
2	230	AAO	403920.79N/1123720.86W	8239	2C
3	230	AAO	405048.00N/1122957.00W	6847	4B
4	230	AAO	405048.00N/1122957.00W	6847	4B
4	310	AAO	403921.00N/1123721.00W	8235	4B
5	230	AAO	403920.79N/1123720.86W	8239	2C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	145
2	230	260
3	230	140
4	310	220
4	230	160
5	230	260

REASON FOR NONSTANDARD HOLDING:

PAT 3 AVOID RISING TERRAIN TO THE SOUTH.
PAT 4 AVOID RISING TERRAIN TO THE SOUTH

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	RNAV (GPS) Y RWY 16R	KSLC	SALT LAKE CITY	UT (US)

REMARKS:

WASATCH (FAC 1) AND OGDEN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 AND 4 HOLDING ALTITUDES TO REMAIN AT 8100 FOR KSLC ILS OR LOC RWY 34L, ILS OR LOC RWY 16R, AND RNAV (GPS) RWY 34L.
FAC 1 ALTITUDE BELOW AIRWAY MEA FOR HOLDING AT KSLC.
DISTANCE OF 39.46 USED TO DERIVE TEMPLATES FOR PAT 1.
PAT 2 CONTROLLING OBSTACLE LOCATED 2698 FT INTO SECONDARY AREA.
PAT 5 CONTROLLING OBSTACLE LOCATED 3355 FT INTO SECONDARY AREA.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	STACO (RNAV)		5	KTVY	TOOELE	UT (US)
DP	TAKEOFF MINS	1, 2		KTVY	TOOELE	UT (US)
EN ROUTE	V200	1, 2, 4				(US)
EN ROUTE	V257	1, 3, 4				(US)

QUALITY
20
CHECKED

EN ROUTE	V32	1, 2, 4	1			(US)
IAP	RNAV (GPS) RWY 3			KOGD	OGDEN	UT (US)
IAP	ILS OR LOC RWY 16R	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS OR LOC RWY 34L	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT II - III)	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (SA CAT I)	1, 2	3	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) RWY 34L		4	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 16R		4	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34L		4	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 16R		4	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34L		4	KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) RWY 34		2	U42	SALT LAKE CITY	UT (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1, 2, 3 AND 4 CLASS UPDATED: FAC 1, 3, 4 FROM H TO VH, FAC 2 FROM L TO VL.
2. CONTROLLING OBSTRUCTIONS: PAT 3 AND 4 OBST CHANGED FROM 6849 6C AAO 405050.80N/1122946.60W TO 6847 4B AAO 405048.00N/1122957.00W, AND ADDED 310 AIRSPEED OBST 8235 4B AAO 403921.00N/1123721.00W TO PAT 4.
3. PRECIPITOUS TERRAIN ADDITIONS: PAT 4 230 SPEED CHANGED FROM 150 TO 160, ADDED 310 SPEED 220 PR ADDITION TO PAT 4, AND ADDED PAT 3 230 SPEED 140 PR ADDITION.
4. PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED PAT 4 RNAV (GPS) Y RWY 16R AT KSLC.
5. REMARKS: ADDED OGDEN (FAC 2) TO ESTABLISH FIX COORDINATES, AND REMOVED DISTANCE OF 28.17 USED TO DERIVE TEMPLATES FOR PAT 4.
6. FIX USE: CORRECTED FORMATTING FOR ILS RWY 16R/34L AT KSLC TO COMBINE CAT II AND III TO MATCH PUBLICATION PLATES.
7. FIX USE: ADDED RNAV (RNP) Z RWY 16R AND RNAV (RNP) Z RWY 34L AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Jan 13, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: UFEMY

STATE: UT

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 410233.08N/1120136.12W

TYPE: RADAR, 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 NM	FAC FEET	MRA	MAA
1	SALT LAKE CITY	I-UAT	LOC/DME		343.95	354.95	16.27	16.27		8000	8700

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-UAT DME ANT: 404619.63N/1115946.36W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16R	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (CAT II - III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 16R (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

- REMARKS: UPDATED I-UAT DME ANT COORDINATES FROM 404619.61N/1115946.36W TO 404619.63N/1115946.36W.
- FIX USE: COMBINED FORMATTING FOR IAP'S ILS RWY 16R CAT II AND CAT III AT KSLC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A431

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