

### RADIO FIX AND HOLDING DATA RECORD

**NAME:** CAMRI                                      **STATE:** UT                      **COUNTRY:** US                      **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 402828.59N/1115738.56W                      **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		MRA	MAA
								NM	FEET		
1	SALT LAKE CITY	I-UUH	LOC/DME		163.95	174.95	17.91	20.22		9000	10000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UUH	LOC/DME	R-164	21	9000	10000

**HOLDING:**                                      **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**  
DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH).

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 34L	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT II)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34L			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34L			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. UPDATED DME ANT FROM DME ANT: I-UAT 404619.61N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) TO DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) IN REMARKS.  
2. ADDED KSLC RNAV (RNP) Z RWY 34L TO FIX USE.  
3. UPDATED KSLC RNAV (GPS) RWY 34L TO RNAV (GPS) Y RWY 34L IN FIX USE.

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

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A432                      **NAME:** JOHN KEEFER

**APPROVED BY:**                      **DATE:** 02/20/2025                      **OFFICE:** AJV-A430                      **NAME:** JOSEPH ZEDER

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 403137.73N/1115800.36W 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	FAC FEET	MRA	MAA
1 SALT LAKE CITY	I-UUH	LOC/DME		163.95	174.95	14.75	17.06		8000	8700

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-UUH	LOC/DME	R-164	18	8000	8700

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 34L	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT II)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34L			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34L			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:

- UPDATED DME ANT FROM: I-UAT 404619.61N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) TO DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) IN REMARKS.
- ADDED KSLC RNAV (RNP) Z RWY 34L TO FIX USE.
- UPDATED KSLC RNAV (GPS) RWY 34L TO KSLC RNAV (GPS) Y RWY 34L IN FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: JOHN KEEFER

APPROVED BY: DATE: 02/20/2025 OFFICE: AJV-A430 NAME: JOSEPH ZEDER

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: FLLAG STATE: UT COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 404048.90N/1115904.10W 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	FAC NM	FAC FEET	MRA	MAA
1	SALT LAKE CITY	I-UUH	LOC/DME		163.95	174.95	5.53	7.84	47657		6100	8700

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH)

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 34L	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT II)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (CAT III)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	ILS RWY 34L (SA CAT I)	1		KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (GPS) Y RWY 34L			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34L			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:**

- FIXED MOVED FROM 404048.28N/1115904.04W TO 404048.90N/1115904.10W (62.86 FEET NORTH).
- UPDATED FIX MAKE-UP DME/NM/FEET FROM 5.54/7.84/47718 TO 5.53/7.84/47657.
- ADDED KSLC RNAV (RNP) Z RWY 34L TO FIX USE.
- UPDATED KSLC RNAV (GPS) RWY 34L TO RNAV (GPS) Y RWY 34L IN FIX USE.
- REMOVED USED RNP PFAF FORMULA TO CALCULATE FIX COORDINATES FROM REMARKS.
- UPDATED DME ANT FROM: I-UAT 404619.61N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) TO DME ANT: I-UAT 404619.63N/1115946.36W (PAIRED DME SOURCE WITH I-UUH) IN REMARKS.

**INITIATED BY:** DATE: ORGANIZATION: NAME:  
**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A432 NAME: JOHN KEEFER  
**APPROVED BY:** DATE: 02/20/2025 OFFICE: AJV-A430 NAME: JOSEPH ZEDER  
 SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** JAZZZ

**STATE:** UT

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 402041.27N/1115246.55W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**HOLDING:**

**HOLDING TYPE OF ACTION:**

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 34L			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 34R			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34L			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34R			KSLC	SALT LAKE CITY	UT (US)
STAR	JAZZZ (RNAV)			KSLC	SALT LAKE CITY	UT (US)

**REQUIRED CHARTING:** STAR, IAP

**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:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** QWENN

**STATE:** UT

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 402324.41N/1115704.78W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 34L			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 (RNP) Z RWY 34L			KSLC	SALT LAKE CITY	UT (US)
IAP	RNAV (RNP) Z RWY 34R			KSLC	SALT LAKE CITY	UT (US)
STAR	QWENN (RNAV)			KSLC	SALT LAKE CITY	UT (US)

**REQUIRED CHARTING:** STAR IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 02/20/2025

**REASON FOR REVISION:**

FIX MOVED 7.91 NM NORTH FROM 401529.58N/1115642.50W TO 402324.41N/1115704.78W.

ADDED STAR NAME QWENN (RNAV) TO FIX USE.

FIX USE: ADDED ILS OR LOC RWY 34L, RNAV (GPS) Y RWY 34L, RNAV (GPS) Y RWY 34R, RNAV (RNP) Z RWY 34L, AND RNAV (RNP) Z RWY 34R AT KSLC.

REMOVED KAMMP FROM FIX MAKE UP FACILITIES.

**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:** 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	FEET	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	230	160
4	310	220
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)

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.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A431	<b>NAME:</b> RICHARD CHRISTENSEN
<b>APPROVED BY:</b>	<b>DATE:</b> 02/20/2025	<b>OFFICE:</b> AJV-A431	<b>NAME:</b> ERIC N SUSKI
	<b>SIGNATURE:</b>		

# 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:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (RNP) Z RWY 34L			KSLC	SALT LAKE CITY	UT (US)
STAR	CARTR (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	SKEES (RNAV)			KSLC	SALT LAKE CITY	UT (US)
STAR	YUTES (RNAV)			KSLC	SALT LAKE CITY	UT (US)

**REQUIRED CHARTING:** STAR IAP

**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:**