FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
4231	4229	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	3E	04/22/2021	11E	2020

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-UUH			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FFU VORTAC	IAF	PUTER/I-UUH 20.28 DME/RADAR					339.74	9.64	10000
QWENN	IAF	PUTER/I-UUH 20.28 DME/RADAR		TF	FB	1.00	344.30	2.71	10000
JAZZZ	IAF	PUTER/I-UUH 20.28 DME/RADAR		TF	FB	1.00	316.10	6.46	10000
PUTER/I-UUH 20.28 DME/RADAR		CAMRI/I-UUH 17.91 DME/RADAR					343.95 (I-UUH)	2.37	9000
CAMRI/I-UUH 17.91 DME/RADAR	IF	DUNLP/I-UUH 14.75 DME/RADAR					343.95 (I-UUH)	3.16	8000
DUNLP/I-UUH 14.75 DME/RADAR		FLLAG/I-UUH 5.53 DME/RADAR					343.95 (I-UUH)	9.22	6100

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4800 THEN CLIMBING LEFT TURN TO 8100 ON TCH VORTAC R-249 TO STACO INT/TCH 20.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4800 THEN CLIMBING LEFT TURN TO 10000 ON HEADING 261, EXPECT RADAR VECTORS. (RADAR REQUIRED).

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT PUTER/I-UUH 20.28 DME/RADAR
3. **FAC:** 343.95 **FAF:** FLLAG/I-UUH 5.53 DME/RADAR **DIST FAF TO MAP:** 5.25 **DIST FAF TO THLD:** 5.70
4. **MIN ALT:** PUTER/I-UUH 20.28 DME/RADAR 10000, CAMRI/I-UUH 17.91 DME/RADAR 9000, DUNLP/I-UUH 14.75 DME/RADAR 8000, FLLAG/I-UUH 5.53 DME/RADAR 6100, JUGOX/I-UUH 1.43 DME/RADAR 4780
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **100 HAT:** 862 **150 HAT:** 1815.00 **GS ANT:** 1051
6. **MIN GS INCPT:** 6100 **GS ALT AT PFAF:** FLLAG/I-UUH 5.53 DME/RADAR 6100 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.0
8. **MSA FROM:** TCH VORTAC 050-230 12700, 230-320 8700, 320-050 10900

PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM QWENN OR JAZZZ.

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RA 157, RVR 1400, HAT 150, DA 4379 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RA 103, RVR 1200, HAT 100, DA 4329 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 34L: CAT A, B, C, D, RVR 300
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FFU VORTAC AIRWAY RADIALS 310 CW 030.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 34L CAT C/D VISIBILITY TO RVR 6000
CHART SPEED ICON IN PLANVIEW AT QWENN: MAX 230 KIAS.
CHART SPEED ICON IN PLANVIEW AT JAZZZ: MAX 230 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 11000 AT QWENN.
CHART AT OR ABOVE 12000 AT JAZZZ.
HOLD W, LT, 069.32 INBOUND.
CHART FAS OBST: 4374 POLE (49-051038) 404437N/1115917W.
CHART R-6412 A/B/C/D.
CHART VDP AT 0.89 DME.
DISTANCE VDP TO THLD 1.06 NM.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 34L	4429	1800	200	4429	1800	200	4429	1800	200	4429	1800	200			
S-LOC 34L	4640	2400	411	4640	2400	411	4640	4000	411	4640	4000	411			

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED RNAV ROUTE QWENN TO PUTER. – FPT REQUEST.
2. TERMINAL ROUTES: REMOVED PUTER AS AN IAF. - FPT REQUEST TO MAKE PUTER AN INITIAL STEP DOWN FIX.
3. TERMINAL ROUTES: ADDED RNAV ROUTE JAZZ TO PUTER. – FPT REQUEST.
4. TERMINAL ROUTES: CHANGED DUNLP/I-UUH 14.75 DME/RADAR TO FLLAG/I-UUH 5.54 DME/RADAR 9.21 TO : DUNLP/I-UUH 14.75 DME/RADAR TO FLLAG/I-UUH 5.53 DME/RADAR 9.22. – FLLAG MOVED TO ALIGN WITH DESIGN TCH.
5. MAP: CHANGED FROM LOC: 5.26 NM AFTER FLLAG/I-UUH 5.54 DME/RADAR OR AT FALEM/I-UUH 0.29 DME TO LOC: 5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME. – FFLAG FIX MOVED.
6. ALTERNATE MISSED APPROACH: CHANGED FROM CLIMB TO 4800 THEN CLIMBING LEFT TURN TO 10000 ON HEADING 260, EXPECT RADAR VECTORS. (RADAR REQUIRED). TO CLIMB TO 4800 THEN CLIMBING LEFT TURN TO 10000 ON HEADING 261, EXPECT RADAR VECTORS. (RADAR REQUIRED). – FPT REQUEST.
7. PROFILE LINE TWO: PROFILE STARTS AT PUTER TO PUTER/I-UUH 20.28 DME/RADAR. – 8260.19J.
8. PROFILE LINE THREE: CHANGED FAF/DIST FAF TO MAP/DIST FAF TO THLD CHANGED FROM FLLAG/I-UUH 5.54 DME/RADAR/5.26/5.71. TO FLLAG/I-UUH 5.53 DME/RADAR/5.25/5.70. – FLLAG FIX MOVED.
9. PROFILE LINE FOUR: CHANGED FLLAG/I-UUH 5.54 DME/RADAR 6100 TO FLLAG/I-UUH 5.53 DME/RADAR 6100. - FLLAG FIXED MOVED.
10. PROFILE LINE FOUR: CHANGED JUGOX/I-UUH 1.43 DME/RADAR 4780* TO JUGOX/I-UUH 1.43 DME/RADAR 4780. - 8260.19J COMPLIANCE.
11. PROFILE LINE FIVE: CHANGED 150 HAT FROM 1820 TO 1815 AND 100 HAT CHANGED FROM 866 TO 862. – NEW TARGETS CALC.
12. PROFILE LINE SIX: GS ALT AT PFAF CHANGED FROM FLLAG/I-UUH 5.54 DME/RADAR 6100 TO FLLAG/I-UUH 5.53 DME/RADAR 6100. – FIX FLLAG MOVED.
13. PROFILE LINE SEVEN: CHANGED TCH 54.6 TO 55. – ALIGNED TO MATCH DESIGN TCH.
14. PROFILE LINE EIGHT: CHANGED MSA 230-320 8600 TO 8700 AND 320-050 11000 TO 10900. – NEW THREE ARC SEC TARGETS EVAL.
15. PBN REQUIREMENTS NOTE: ADDED RNP APCH-GPS. FROM QWENN OR JAZZZ. – ADDED PBN LEGS CONNECTED TO STAR TERMINUS POINTS.
16. EQUIPMENT REQUIREMENTS NOTES: REMOVED RADAR REQUIRED FOR ARRIVALS AT PUTER. – PUTER NO LONGER USED AS AN IAF PER FPT.
17. NOTES: UPDATED: SA CAT I CHART NOTE FROM REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH TO REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL. - 9260.19J COMPLIANCE.
18. NOTES: REMOVED *LOC ONLY – 8260.19J COMPLIANCE.
19. NOTES: SA CAT I ILS RA CHANGED FROM 158 TO 157. – NEW THREE ARC SEC TARGETS EVAL.
20. NOTES: CAT II ILS RA CHANGED FROM 102 TO 103. – NEW THREE ARC SEC TARGETS EVAL.
21. NOTES: ADDED CHART SPEED ICON IN PLANVIEW AT QWENN: MAX 230 KIAS. – FPT REQUEST.
22. NOTES: ADDED CHART SPEED ICON IN PLANVIEW AT JAZZZ: MAX 230 KIAS. – FPT REQUEST.
23. ADDITIONAL FLIGHT DATA: REMOVED 4660 AAO 404016N/1120000W. – PART C REMARK ONLY FOR 7:1 AAO IAW 8260.19J 8-6-11.E MEMO.
24. ADDITIONAL FLIGHT DATA: CHANGED VDP AT 0.89 DME*. TO VDP AT 0.89 DME. – 8260.3E (2-4-3.A1) COMPLIANCE.
25. ADDITIONAL FLIGHT DATA: REMOVED *LOC ONLY. – 8260.19J COMPLIANCE.
26. PLANVIEW NOTE: ADDED PROCEDURE NA FOR ARRIVAL ON FFU VORTAC AIRWAY RADIALS 310 CW 030. - 8260.19J COMPLIANCE (TURNS GREATER THAN 120 DEGREES).
27. ADDITIONAL FLIGHT DATA: CHART: MANDATORY ALTITUDE 11000 AT QWENN. - STAR ALTITUDE AT QWENN.
28. ADDED CHART AT OR ABOVE 12000 AT JAZZZ. - STAR ALTITUDE AT JAZZZ.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZLC, ATCT, UT AERO, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
ANTHONY D VALLERA	*Digitally signed by* ***ROBERT G HAMILTON*** Jan 13, 2025	AJF	01/07/2025

DEVELOPED BY		OFFICE	DATE
JOHN KEEFER	*Digitally signed by* ***JOHN A KEEFER*** Oct 07, 2024	AJV-A432	08/22/2024

APPROVED BY		OFFICE	DATE	TITLE
JOSEPH L. ZEDER	*Digitally signed by* ***ROBERT G HAMILTON*** Jan 13, 2025	AJV-A430		MANAGER

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
FFU VORTAC

TO
PUTER/I-UUH 20.28 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	9.64				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	401630.00N/1115627.00W	7888	215	8	4B	1000				PR270 AT842	10000
TERRAIN	401630.00N/1115627.00W	7687 (7700)								AS1500	9200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
QWENN

TO
PUTER/I-UUH 20.28 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	2.71				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402530.00N/1115954.00W	6736	215	8	4B	1000				PR170 AT2094	10000
TERRAIN	402530.00N/1115954.00W	6535 (6500)								AS1500	8000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

INITIAL

FROM	TO
JAZZZ	PUTER/I-UUH 20.28 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.46				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402530.00N/1115951.00W	6690	215	8	4B	1000				AT2070 PR240	10000
TERRAIN	402451.00N/1115857.00W	6430 (6400)								AS1500	7900

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM	TO
PUTER/I-UUH 20.28 DME/RADAR	CAMRI/I-UUH 17.91 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	2.37				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402800.00N/1120221.00W	7025	215	8	4B	1000				PR280 AT695	9000
TERRAIN	402800.00N/1120221.00W	6824 (6800)								AS1500	8300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

INTERMEDIATE

FROM	TO
CAMRI/I-UUH 17.91 DME/RADAR	DUNLP/I-UUH 14.75 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.16				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402800.00N/1120221.00W	7025	215	8	4B	500				PR290 AT185	8000
TERRAIN	402812.00N/1120224.00W	6692 (6700)								AS1000	7700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM	TO
DUNLP/I-UUH 14.75 DME/RADAR	FLLAG/I-UUH 5.53 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	9.22				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	403051.00N/1120224.00W	5197	215	8	4B	500				PR90 AT313	6100
TERRAIN	403324.00N/1120148.00W	4973 (5000)								AS1000	6000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

FINAL: ILS

FROM	TO
FLLAG/I-UUH 5.54 DME/RADAR	RW34L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.70		DA	200	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4429

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS SA CAT I

FROM	TO
FLLAG/I-UUH 5.54 DME/RADAR	RW34L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.70		DA	150	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4379

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

FINAL: ILS CAT II

FROM	TO
FLLAG/I-UUH 5.54 DME/RADAR	RW34L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	5.70		DA	100	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4329

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM	TO
FLLAG/I-UUH 5.54 DME/RADAR	JUGOX/I-UUH 1.43 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.10				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404117.05N/1115956.86W	4530	50	20	2C	250					4780

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

FINAL: LOC STEPDOWN

FROM	TO
JUGOX/I-UUH 1.43 DME/RADAR	5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	1.14		5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME	411	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (49-051038)	404436.76N/1115917.07W	4374	20	3	1A	250					4640

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM	TO
DA	STACO INT/TCH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					4261

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				8100
AAO	405254.00N/1121136.00W	5784	215	8	4B	1000					6800
TERRAIN	405254.00N/1121136.00W	5583 (5600)								AS1500	7100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

MISSED APPROACH: ILS SA CAT I

FROM	TO
DA	STACO INT/TCH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				8100
AAO	405254.00N/1121136.00W	5784	215	8	4B	1000					6800
TERRAIN	405254.00N/1121136.00W	5583 (5600)								AS1500	7100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: ILS CAT II

FROM	TO
DA	STACO INT/TCH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				8100
AAO	405254.00N/1121136.00W	5784	215	8	4B	1000					6800
TERRAIN	405254.00N/1121136.00W	5583 (5600)								AS1500	7100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

MISSED APPROACH: LOC

FROM	TO
5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME	STACO INT/TCH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					4390

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				8100
AAO	405254.00N/1121136.00W	5784	215	8	4B	1000					6800
TERRAIN	405254.00N/1121136.00W	5583 (5600)								AS1500	7100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS

FROM	TO
DA	10000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					4261

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	405048.00N/1122957.00W	6847	215	8	4B	1000					7900
TERRAIN	405048.00N/1122957.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

MISSED APPROACH ALTERNATE: ILS SA CAT I

FROM	TO
DA	10000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	405048.00N/1122957.00W	6847	215	8	4B	1000					7900
TERRAIN	405048.00N/1122957.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH ALTERNATE: ILS CAT II

FROM	TO
DA	10000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	405048.00N/1122957.00W	6847	215	8	4B	1000					7900
TERRAIN	405048.00N/1122957.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

MISSED APPROACH ALTERNATE: LOC

FROM	TO
5.25 NM AFTER FLLAG/I-UUH 5.53 DME/RADAR OR AT FALEM/I-UUH 0.29 DME	10000 MSL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					4390

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				10000
AAO	405048.00N/1122957.00W	6847	215	8	4B	1000					7900
TERRAIN	405048.00N/1122957.00W	6646 (6600)								AS1500	8100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER	RADIUS
TCH VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
050-230	AAO	403306.00N/1113924.00W	124	23.3	11667	215	8	4B	1000			12700
230-320	AAO	404148.00N/1121330.00W	214	14.4	7694	215	8	4B	1000			8700
320-050	AAO	410454.00N/1115106.00W	007	15.1	9895	215	8	4B	1000			10900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SLC APP CON, SLC TOWER, ZLC ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	SLC	24	SLC	0	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-UUH	SLC ATCT	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW14 - HIRL, PAPI-4L	BSC-G	
RW32 - HIRL, PAPI-4L	BSC-G	
01H	H-F	
02H	H-F	
RW16L - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW16R - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW17 - MALSR, TDZ, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW34L - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW34R - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW35 - MALSR, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	4228.8	55.0	4222.6	1051	3.00	73.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SLC	ILS OR LOC RWY 34L ILS RWY 34L (SA CAT I) ILS RWY 34L (CAT II) ILS RWY 34L (CAT III)	4	SALT LAKE CITY	UT	4231	I-UUH

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

VEGETATION HEIGHT 50FT PER WESTERN FPT.

WAIVER: QWENN-PUTER SEGMENT LEG LENGTHS TOO SHORT TO SUPPORT ATC VECTORS; 8260.58 1-3-1.C.

CIRCLING MINIMUMS NOT DEVELOPED PER ATC/WESTERN FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 4660 AAO 404016N/1115955W.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	3.51
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	0.98
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	354.95
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	4400
DISTANCE FROM	THLD	**TO 1500FT POINT**	15.83
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	4.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	354.95
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	6700

THRESHOLD COORDINATES (IF STR-IN)	404629.92N/1115943.69W
ARP COORDINATES	404718.22N/1115839.98W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 16R DISTANCE 1.52 NM
FAF COORDINATES	404048.90N/1115904.10W
FIX NAME COORDINATES	IF CAMRI 402828.59N/1115738.56W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED
DUNLP: 403137.73N/1115800.36W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOHN KEEFER	AJV-A432	08/22/2024	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 34 CHECKED