FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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	RNAV (GPS) RWY 16R		2	SALT LAKE CITY	UT
AIRPORT ELEVATION	**TDZE**	**SUPERSEDED**	**ORIGINAL/AMENDMENT**	**DATED** **MAG VAR**	**EPOCH YEAR**
4231	4226	RNAV (GPS) RWY 16R	1A	08/17/2017 11E	2020
FACILITY	**COORDINATES OF FACILITIES**		**ACTUAL EFFECTIVE DATE**	**REQUIRED EFFECTIVE DATE**	**CANCEL/SUSPEND**
RNAV			30 NOVEMBER 2023	ROUTINE	

TERMINAL ROUTES
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-25.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OGD VORTAC	IAF	RRUFF		TF	FB	1.00	139.55	5.50	9000
RRUFF	IF	JICCU		TF	FB	1.00	163.92	4.44	8000
JICCU		BHIVE		TF	FB	1.00	163.93	5.36	7500
BHIVE		BNKER		TF	FB	1.00	163.93	5.11	6000
BNKER	FAF	RW16R	MAP	TF	FO	0.30	163.94	5.34	
RW16R	MAP	4426 MSL		CA			163.94		
4426 MSL		BAURT		DF	FB	1.00			
BAURT		FFU VORTAC		TF	FO	1.00	164.26	23.89	10000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW16R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10000 DIRECT BAURT AND ON TRACK 164.26 TO FFU VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT   SIDE OF COURSE   OUTBOUND   FT WITHIN   MILES OF   (IAF)
2. PROFILE STARTS AT RRUFF
3. FAC: 163.94   FAF: BNKER   DIST FAF TO MAP: 5.34   DIST FAF TO THLD: 5.34
4. MIN ALT: RRUFF 9000, JICCU 8000, BHIVE 7500, BNKER 6000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47   GS ANT:
6. MIN GP INCPT: 6000   GP ALT AT FAF: BNKER 6000   OM: MM: IM:
7. GP ANGLE: 3.04   34:1: IS CLEAR   20:1: IS CLEAR   TCH: 52.0
8. MSA FROM: RW16R 12700

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PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10°C OR ABOVE 46°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OGD VORTAC AIRWAY RADIALS 068 CW 221.

FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV CAT E VISIBILITY TO RVR 6000, AND INCREASE LNAV CATS C/D/E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 340.00 INBOUND.
FAS OBST: 4410 AAO 405145N/1120024W.
CHART R-6412 A/B/C/D.
CHART VDP AT 1.39 NM TO RW16R.
WAAS CHANNEL # 42746
REFERENCE PATH ID: W16A
LTP HAE: 1270.3 M

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

ALTERNATE: NA ☐ 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
LPV DA	4426	1800	200	4426	1800	200	4426	1800	200	4426	1800	200	4426	1800	200
LNAV/VNAV DA	4620	3500	394	4620	3500	394	4620	3500	394	4620	3500	394	4620	3500	394
LNAV MDA	4740	2400	514	4740	2400	514	4740	5500	514	4740	5500	514	4740	5500	514

QUALITY
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CHECKED

CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "4227" TO "4231" – UPDATED SURVEY.
2. TOUCHDOWN ZONE ELEVATION CHANGED FROM "4223" TO "4226" - UPDATED SURVEY.
3. TERMINAL ROUTES: SEGMENT RW16R TO 4627 MSL CHANGED TO "RW16R TO 4426 MSL" - ADDED LPV LINES OF MINIMA.
4. TERMINAL ROUTES: SEGMENT 4627 MSL TO BAURT CHANGED TO "4426 MSL TO BAURT" - LPV DA.
5. MISSED APPROACH: ADDED MAPS "LPV: DA" AND "LNAV/VNAV: DA" - ADDED VERTICALLY GUIDED LINES OF MINIMA.
6. PROFILE LINE 5: ADDED "200 HAT: 0.47" - NEW LPV LINE OF MINIMA.
7. PROFILE LINE 6: ADDED "MIN GP INCPT: 6000" AND "GP ALT AT PFAF: BNKER 6000" - ADDED VERTICALLY GUIDED LINES OF MINIMA.
8. PROFILE LINE 7: ADDED "GP ANGLE: 3.04", "20:1 IS CLEAR" AND "TCH: 52" - ADDED VERTICALLY GUIDED LINES OF MINIMA.
9. PBN REQUIREMENTS: CHANGED "DME/DME RNP-0.3 NA" TO "RNP APCH – GPS" - PBN FORMAT CHANGED.
10. NOTES: CHANGED FROM "FOR INOPERATIVE ALS, INCREASE LNAV CAT E VISIBILITY TO 1 3/4 SM" TO "FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV CAT E VISIBILITY TO RVR 6000, AND INCREASE LNAV CATS C/D/E VISIBILITY TO 1 3/8 SM" - ADDED LPV LNAV/VNAV MINIMUMS AND NEW VISIBILITY TABLE FOR LNAV.
11. NOTES: ADDED "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED" AND "CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS" - ADDED LPV LNAV/VNAV AND ATC REQUESTS SIMULTANEOUS OPERATIONS DURING ABSENCE OF ILS EQUIPMENT.
12. NOTES: CHANGED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OGD VORTAC AIRWAY RADIALS 068 CW 221" TO "PROCEDURE NA FOR ARRIVAL ON OGD VORTAC AIRWAY RADIALS 068 CW 221" – IAF OVER FACILITY FORMAT.
13. NOTES: ADDED "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - ATC REQUEST.
14. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM "4414 AAO 405145N/1120119W" TO ": 4410 AAO 405145N/1120024W" - NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA: REMOVED "BNKER TO RW16R: 3.05/52" - ADDED VERTICALLY GUIDED LINES OF MINIMA.
16. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.40 NM TO RW16R" TO "CHART VDP AT 1.39 NM TO RW16R" - NEW TARGETS EVALUATION VS IPDS.
17. ADDITIONAL FLIGHT DATA: ADDED "WAAS CHANNEL # 70445," "REFERENCE PATH ID: W16A," AND "LTP HAE: 1270.3 M" - ADDED VERTICALLY GUIDED LINES OF MINIMA.
18. MINIMUMS: ADDED LPV DA LINE OF MINIMA: ALL CATS DA 4426, VISIBILITY RVR 1800, HAT 200 - ATC REQUEST TO ADD.
19. MINIMUMS: ADDED LNAV/VNAV LINE OF MINIMA: ALL CATS DA 4620, VISIBILITY 3500, HAT 394 - ATC REQUEST TO ADD.
20. MINIMUMS: LNAV CHANGED HAT FROM "517" TO "514" - TO MAINTAIN CURRENT MDA/AIRPORT ELEVATION/TDZE CHANGED.
21. MINIMUMS: LNAV CAT C VISIBILITY CHANGED FROM RVR 5000 TO RVR 5500, CAT D/E VISIBILITIES CHANGED FROM RVR 6000 TO RVR 5500 - NEW HAT/NEW VISIBILITY TABLES.
22. CRC: ADDED - 5CDC9EC8 - ADDED VERTICALLY GUIDED LINES OF MINIMA.
23. NOTES: ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C OR ABOVE 46C" – ADDED LNAV/VNAV MINIMA.
24. NOTES: CHANGED FROM "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." TO "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." – ADDED PRECISION MINIMUMS.

10/24/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/3/2023.
1. REMOVED CHART NOTE: CHART LOC RWY 16L.

COORDINATED WITH:

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

FLIGHT CHECKED BY TROY ELLEN DEVINE	*Digitally signed by* **CASIMIR L TABAKA** Oct 24, 2023	**OFFICE** FIOG	**DATE** 09/13/2023	
DEVELOPED BY APRIL SARMENTO	*Digitally signed by* **APRIL T SARMENTO** Oct 24, 2023	**OFFICE** AJV-A432	**DATE** 06/01/2023	
APPROVED BY CASIMIR L. TABAKA	*Digitally signed by* **CASIMIR L TABAKA** Oct 24, 2023	**OFFICE** AJV-A431	**DATE**	**TITLE** MANAGER

QUALITY CHECKED 31

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSLC
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	404828.0035N
LTP/FTP LONGITUDE	1115957.4280W
LTP/FTP ELLIPSOIDAL HEIGHT	+12703
FPAP LATITUDE	404629.8925N
FPAP LONGITUDE	1115943.6885W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.04
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5CDC9EC8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12873
FPAP ORTHOMETRIC HEIGHT	+12873

QUALITY
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