

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
WAATS RNAV	FIVE	BVL.WAATS5	FOUR	03/31/2016	17AUG2017

TRANSITION ROUTES:

<u>Transition Name</u>	<u>Transition Computer Code</u>	<u>From FIX/NAVAID</u>	<u>To FIX/NAVAID</u>	<u>Course</u>	<u>Distance</u>	<u>MEA</u>	<u>MOCA</u>	<u>MAA</u>	<u>Crossing Altitude/Fixes</u>
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ARRIVAL ROUTE DESCRIPTION:

FROM BVL VORTAC ON TRACK 079.00/41.00 TO KNOLE (MEA 17000), THEN ON TRACK 079.58/15.00 TO WAATS (MEA 14000).

LANDING RWY NORTH (34L/R/35): FROM WAATS ON TRACK 066.61/12.81 TO RAACE (MEA 12000), THENCE AS DEPICTED TO CEEDR, THEN ON HEADING 164.00.EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SOUTH (RWY 16L/R/17): FROM WAATS ON TRACK 081.19/12.56 TO DUGGY MEA 12000/), THENCE AS DEPICTED TO RROYY, THEN ON HEADING 344.00.EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: TURBOJET AIRCRAFT ONLY

NOTE: For Non-GPS equipped aircraft LCU, TCH and OGD DMEs must be operational.

NOTE: AT KNOLE CHART: EXPECT 17000.

NOTE: AT WATTS CHART: CROSS AT OR ABOVE 14000.

NOTE: AT RAACE CHART: CROSS AT 12000.

NOTE: AT DUGGY CHART: CROSS AT 12000.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT FFU: HOLD S, RT, HEADING 343.00 INBOUND, 7 NM LEGS

CHART HOLDING AT OGD: HOLD W, RT, HEADING 126.00 INBOUND, 8 NM LEGS

CHART HOLDING AT KNOLE: HOLD W, RT, HEADING 079.58 INBOUND, 10 NM LEGS

COMMUNICATIONS:

SALT LAKE CITY APP CON, ATIS

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
SALT LAKE CITY INTL	SALT LAKE CITY	UT

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LOST COMMUNICATIONS PREFERENCES:

LANDING NORTH: AT CEEDR, TURN LEFT DIRECT TO FFU VORTAC AND HOLD. MAINTAIN 12000.
LANDING SOUTH: AT RROY, TURN RIGHT DIRECT TO OGD VORTAC AND HOLD. MAINTAIN 12000.

REMARKS:

THIS AMENDMENT DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KSLC 11E/2020

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED, MANAGER ROBERT STUCKERT

ORGANIZATION:

AJW-331

DATE:

Flight Inspected Signature:

Digitally signed by

BEV L BORDY

May 31, 2017

DEVELOPED BY:

CARLOS ESCALANTE

AJV-5412

4/7/2017

Developed By Signature:

Digitally signed by

BEV L BORDY

May 31, 2017

APPROVED BY:

GEORGE E. DAVIS

AJV-5410

Approved By Signature:

Digitally signed by

BEV L BORDY

May 31, 2017

CHANGES:

1. CHANGED ALL MAGNETIC HEADINGS TO COMPLY WITH NEW MAG VAR AT KSLC OF 11E/2020 FROM 14E/1995.
2. ALL INFORMATION TRANSCRIBED FROM FORM 7100-4 TO 17.1 AND 7100-3 TO 17.2.
3. CORRECTED STAR COMPUTER CODE FROM WAATS.WAATS TO BVL.WAATS.
4. CORRECTED FFU HOLDING LEG LENGTH FROM 8 NM TO 7 NM.

REASONS:

1. KSLC MAG VAR CHANGE WITH CHART DATE 8/17/2017.
2. COMPLIES WITH NEW FORM FORMAT.
3. CODE IS DERIVED FROM FIRST FIX ON COMMON ROUTE FOLLOWED BY THE NAME OF THE STAR; PREVIOUS AMENDMENT WAS INCORRECTLY CODED.
4. TO MATCH 8260-2 DOCUMENTATION AND CHARTING ON OTHER STARS AT KSLC.

**FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WAATS RNAV	FIVE	BVL.WAATS5	FOUR	03/31/2016	17AUG2017

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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Common Route

BVL VORTAC	404333.95N / 1134526.70W	Y		IF					BVL.WAATS5
KNOLE	404321.37N / 1125131.15W	Y	FB	TF	090.00	41.00			
WAATS	404310.49N / 1123147.54W	Y	FB	TF	090.58	15.00	AT/ABOVE 14000		

Runway Transition

WAATS	404310.49N / 1123147.54W	Y		IF			AT/ABOVE 14000		
DUGGY	404240.51N / 1121516.96W	Y	FB	TF	092.19	12.56	AT 12000		
SLAGG	404255.63N / 1120820.16W	Y	FB	TF	087.23	05.29			
QUIPA	404623.36N / 1120540.06W	Y	FB	TF	030.36	04.01			
LOAPP	404925.64N / 1120601.42W	Y	FB	TF	354.91	03.05			
RROY Y	411319.25N / 1120852.75W	Y	FO	TF	354.84	23.98			
KSLC:RWY 16B, RWY 17				VM	355.00				

QUALITY
17
CHECKED

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Runway Transition

WAATS	404310.49N / 1123147.54W	Y		IF			AT/ABOVE 14000		
RAACE	404554.30N / 1121519.77W	Y	FB	TF	077.61	12.81	AT 12000		
CRKIT	404555.75N / 1120849.82W	Y	FB	TF	089.68	04.94			
OQUIR	404307.07N / 1120517.01W	Y	FB	TF	136.16	03.89			
PITTT	403800.57N / 1120441.39W	Y	FB	TF	174.94	05.12			
CEEDR	401738.50N / 1120219.12W	Y	FO	TF	174.91	20.43			
KSLC:RWY 34B, RWY 35				VM	175.00				

QUALITY
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