

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TWIN FALLS	TWO	TWF2.TWF	ONE	12/20/07	24 JUL 2014

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 16R/16L: CLIMB HEADING 160.95 TO 4727, THEN RIGHT TURN DIRECT PPIGG, THEN VIA DEPICTED ROUTE TO TWF VORTAC, THENCE...

TAKEOFF RWY 17: CLIMB HEADING 165.99 TO 4727, THEN RIGHT TURN DIRECT PPIGG, THEN VIA DEPICTED ROUTE TO TWF VORTAC, THENCE...

TAKEOFF RWY 34R: CLIMB HEADING 340.96 TO 4727, THEN LEFT TURN DIRECT TO CROSS SHOLZ AT/BELOW 10000 AND AT 230 KIAS, THEN VIA DEPICTED ROUTE TO TWF VORTAC, THENCE...

TAKEOFF RWY 34L: CLIMB HEADING 340.95 TO 4727, THEN LEFT TURN DIRECT TO CROSS SHOLZ AT/BELOW 10000 AND AT 230 KIAS, THEN VIA DEPICTED ROUTE TO TWF VORTAC, THENCE...

TAKEOFF RWY 35: CLIMB HEADING 345.99 TO 4727, THEN LEFT TURN DIRECT TO CROSS SHOLZ BELOW 10000 AND AT 230 KIAS, THEN VIA DEPICTED ROUTE TO TWF VORTAC THENCE...

...MAINTAIN FL230 OR LOWER FILED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS

RWY 16R: STANDARD WITH A MINIMUM CLIMB OF 413' PER NM TO 8300.

RWY 16L: STANDARD WITH A MINIMUM CLIMB OF 381' PER NM TO 8300.

RWY 17: STANDARD WITH A MINIMUM CLIMB OF 367' PER NM TO 7800.

RWY 34R: STANDARD WITH A MINIMUM CLIMB OF 238' PER NM TO 7700.

RWY 34L: STANDARD WITH A MINIMUM CLIMB OF 253' PER NM TO 7700.

RWY 35: STANDARD WITH A MINIMUM CLIMB OF 226' PER NM TO 7700.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: OGD AND TCH DMES MUST BE OPERATIONAL.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 16L, VEHICLE ON ROAD 124' FROM DER, 14' RIGHT OF CENTERLINE, 15' AGL/4239' MSL. LIGHT POLE 988' FROM DER, 726' RIGHT OF CENTERLINE, 34' AGL/4254' MSL. POLE 1024' FROM DER, 689' RIGHT OF CENTERLINE, 34' AGL/4254' MSL. **NOTE: RWY 17,** VEHICLES ON ROAD BEGINNING 335' FROM DER, ON CENTERLINE, UP TO 17' AGL/4241' MSL. **NOTE: RWY 34R,** POST 13' FROM DER, 349' RIGHT OF CENTERLINE, 3' AGL/4227' MSL. **NOTE: RWY 35,** POST 56' FROM DER, 249' LEFT OF CENTERLINE, 2' AGL/4220' MSL.



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CONTROLLING OBSTACLES:

RWY 16R, 16L, 17: 6879' MSL AAO 404035.40N/1120748.50W.
RWY 34R, 34L, 35: 6799 MSL AAO 405743.20N/1121257.55W.

LOST COMMUNICATIONS PROCEDURES:

CONTINUE ON SID. COMPLY WITH PUBLISHED ALTITUDE RESTRICTIONS.

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSLC 14E EPOCH YEAR: 95.
DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)
AT WAZER CHART: CROSS AT OR BELOW 10000, AT 230 KIAS.
AT AXFOG CHART: CROSS AT OR ABOVE 12000.
AT BONNE CHART: CROSS AT OR ABOVE 14000.
AT MOFER CHART: CROSS AT OR BELOW FL230, AT 250 KIAS. RESUME NORMAL SPEED AFTER MOFER.
AT SHOLZ CHART: CROSS AT OR BELOW 10000, AT 230 KIAS.
AT CZAAR CHART: CROSS AT OR ABOVE 11000.
AT JIORE CHART: CROSS AT OR ABOVE 11000.
AT BOYNT CHART: CROSS AT OR ABOVE 13000.
AT CGULL CHART: CROSS AT OR ABOVE 15000.
AT DEZRT CHART: CROSS AT OR BELOW 15000, AT 250 KIAS. RESUME NORMAL SPEED AFTER DEZRT.

AIRPORTS SERVED:

SALT LAKE CITY INTL

SALT LAKE CIY, UT

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON, 126.25, 387.0

FIXES AND/OR NAVAIDS:



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REMARKS:

RWY 17, 16R, AND 16L OBSTACLE CLIMB GRADIENTS ARE BASED ON THE PREVIOUS REVISION OF THIS PROCEDURE PER THE FPO AND ATC.

PREVIOUS REVISION WAS DESIGNED TO USE AN OBSTACLE THAT LIES OUTSIDE THE EVALUATION AREA TO KEEP THE VA TO DF LEG TURN 90 DEGREES OR LESS FOR RWY 16L, RWY 16R, AND 17, TO AVOID THE LARGER OBSTACLE EVALUATION AREA (DESCRIBED IN 8260.44, PARA 12.4.2) , AND THEREBY AVOIDING THE HIGHER TERRAIN TO THE SOUTHWEST.

CHANGES:

1. ADDED LOST COMMUNICATIONS PROCEDURE.
2. REMOVED ALL ATC CLIMB GRADIENTS.
3. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1. PER AIR TRAFFIC CONTROL AND FPT CHECKLIST.
2. NO LONGER NEEDED.
3. TO COINCIDE WITH CURRENT 8260-15A.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number	Dated	Effective Date			
TWIN FALLS	TWO	TWF2.TWF		ONE	12/20/07	24 JUL 2014			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RWY16R (AER)	404827.99/1115957.42	N	-	-	-	-			
4727 MSL		-	-	VA	174.95				CG 413 FT/NM TO 8300. RIGHT TURN.
PPIGG	404447.88/1120328.55	Y	FB	DF	-	-			
WAZER	405024.30/1122006.85	Y	FB	TF	294.00	13.82	AT/BELOW 10000	AT 230K	
CZAAR	405717.68/1122253.90	Y	FB	TF	342.97	7.20	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	342.52	7.75	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			
RWY16L (AER)	404826.80/1115836.97	N	-	-	-	-			CG 381 FT/NM TO 8300. RIGHT TURN.
4727 MSL		-	-	VA	174.95				
PPIGG	404447.88/1120328.55	Y	FB	DF	-	-			
WAZER	405024.30/1122006.85	Y	FB	TF	294.00	13.82	AT/BELOW 10000	AT 230K	
CZAAR	405717.68/1122253.90	Y	FB	TF	342.97	7.20	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	342.52	7.75	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			
RWY17 (AER)	404756.10/1115743.46	N	-	-	-	-			CG 367 FT/NM TO 7800. RIGHT TURN.
4727 MSL		-	-	VA	179.99	-			
PPIGG	404447.88/1120328.55	Y	FB	DF	-	-			
WAZER	405024.30/1122006.85	Y	FB	TF	294.00	13.82	AT/BELOW 10000	AT 230K	
CZAAR	405717.68/1122253.90	Y	FB	TF	342.97	7.20	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	342.52	7.75	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW34R (AER)	404628.68/1115823.25	N	-	-	-	-			CG 238 FT/NM TO 7700. LEFT TURN.
4727 MSL		-	-	VA	354.96	-			
SHOLZ	405400.57/1121413.62	Y	FB	DF	-	-	AT/BELOW 10000	AT 230K	
JIORE	405826.67/1121845.59	Y	FB	TF	322.25	5.61	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	318.86	8.30	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			
RW34L (AER)	404629.90/1115943.69	N	-	-	-	-			CG 238 FT/NM TO 7700. LEFT TURN.
4727 MSL		-	-	VA	354.95	-			
SHOLZ	405400.57/1121413.62	Y	FB	DF	-	-	AT/BELOW 10000	AT 230K	
JIORE	405826.67/1121845.59	Y	FB	TF	322.25	5.61	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	318.86	8.30	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			
RW35 (AER)*	404624.49/1115743.44	N	-	-	-	-			*DISPL THLD (324 FT)
4727 MS		-	-	VA	359.99	-			CG 226 FT/NM TO 7700. LEFT TURN.
SHOLZ	405400.57/1121413.62	Y	FB	DF	-	-	AT/BELOW 10000	AT 230K	
JIORE	405826.67/1121845.59	Y	FB	TF	322.25	5.61	AT/ABOVE 11000		
BOYNT	410441.50/1122558.58	Y	FB	TF	318.86	8.30	AT/ABOVE 13000		
CGULL	411008.93/1123033.66	Y	FB	TF	327.60	6.46	AT ABOVE 15000		
MOFER	411640.75/1123711.67	Y	FB	TF	322.55	8.23	AT/BELOW FL230	AT 250K	
SCOVL	412403.63/1124758.93	Y	FB	TF	312.30	10.98			
TWF VORTAC	422847.48/1142922.03	Y	FB	TF	311.10	99.55			



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SUSAP KSLCK2DTWF2	4RW34B 010	0 VA	3410	+ 04727	18000
SUSAP KSLCK2DTWF2	4RW34B 020SHOLZK2PC0E	010DF		- 10000	230
SUSAP KSLCK2DTWF2	4RW34B 030JIOREK2PC0E	010TF		+ 11000	
SUSAP KSLCK2DTWF2	4RW34B 040BOYNTRK2PC0E	010TF		+ 13000	
SUSAP KSLCK2DTWF2	4RW34B 050CGULLK2PC0E	010TF		+ 15000	
SUSAP KSLCK2DTWF2	4RW34B 060MOFERK2PC0E	010TF		- FL230	250
SUSAP KSLCK2DTWF2	4RW34B 070SCOVLK2PC0E	010TF			
SUSAP KSLCK2DTWF2	4RW34B 080TWF K1D OVE	010TF			
SUSAP KSLCK2DTWF2	4RW35 010	0 VA	3460	+ 04727	18000
SUSAP KSLCK2DTWF2	4RW35 020SHOLZK2PC0E	010DF		- 10000	230
SUSAP KSLCK2DTWF2	4RW35 030JIOREK2PC0E	010TF		+ 11000	
SUSAP KSLCK2DTWF2	4RW35 040BOYNTRK2PC0E	010TF		+ 13000	
SUSAP KSLCK2DTWF2	4RW35 050CGULLK2PC0E	010TF		+ 15000	
SUSAP KSLCK2DTWF2	4RW35 060MOFERK2PC0E	010TF		- FL230	250
SUSAP KSLCK2DTWF2	4RW35 070SCOVLK2PC0E	010TF			
SUSAP KSLCK2DTWF2	4RW35 080TWF K1D OVE	010TF			

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSLCK2GRW16L	0120041610	N40482680W111583697+0000											
SUSAP KSLCK2GRW16R	0120001610	N40482799W111595742+0000											
SUSAP KSLCK2GRW17	0095961660	N40475610W111574346+0100											
SUSAP KSLCK2GRW34L	0120003410	N40462990W111594369+0000											
SUSAP KSLCK2GRW34R	0120043410	N40462868W111582325+0000											
SUSAP KSLCK2GRW35	0095963460	N40462449W111574344-0100											



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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
RW16B			010		VA		FB		161.0()		AA 04727	
RW16B		PPIGG	020		DF		FB	1.0				
RW16B		WAZER	030		TF		FB	1.0			AB 10000	AT 230
RW16B		CZAAR	040		TF		FB	1.0			AA 11000	
RW16B		BOYNT	050		TF		FB	1.0			AA 13000	
RW16B		CGULL	060		TF		FB	1.0			AA 15000	
RW16B		MOFER	070		TF		FB	1.0			AB FL230	AT 250
RW16B		SCOVL	080		TF		FB	1.0				
RW16B		TWF	090		TF		FB	1.0				
RW17			010		VA		FB		166.0()		AA 04727	
RW17		PPIGG	020		DF		FB	1.0				
RW17		WAZER	030		TF		FB	1.0			AB 10000	AT 230
RW17		CZAAR	040		TF		FB	1.0			AA 11000	
RW17		BOYNT	050		TF		FB	1.0			AA 13000	
RW17		CGULL	060		TF		FB	1.0			AA 15000	
RW17		MOFER	070		TF		FB	1.0			AB FL230	AT 250
RW17		SCOVL	080		TF		FB	1.0				
RW17		TWF	090		TF		FB	1.0				
RW34B			010		VA		FB		341.0()		AA 04727	
RW34B		SHOLZ	020		DF		FB	1.0			AB 10000	AT 230
RW34B		JIORE	030		TF		FB	1.0			AA 11000	
RW34B		BOYNT	040		TF		FB	1.0			AA 13000	
RW34B		CGULL	050		TF		FB	1.0			AA 15000	
RW34B		MOFER	060		TF		FB	1.0			AB FL230	AT 250
RW34B		SCOVL	070		TF		FB	1.0				
RW34B		TWF	080		TF		FB	1.0				
RW35			010		VA		FB		346.0()		AA 04727	
RW35		SHOLZ	020		DF		FB	1.0			AB 10000	AT 230
RW35		JIORE	030		TF		FB	1.0			AA 11000	
RW35		BOYNT	040		TF		FB	1.0			AA 13000	
RW35		CGULL	050		TF		FB	1.0			AA 15000	
RW35		MOFER	060		TF		FB	1.0			AB FL230	AT 250
RW35		SCOVL	070		TF		FB	1.0				
RW35		TWF	080		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TWF	N422847.48	W1142922.03	N4228.791	W11429.367
	BOYNT	N410441.50	W1122558.58	N4104.692	W11225.976
	CGULL	N411008.93	W1123033.66	N4110.149	W11230.561
	CZAAR	N405717.68	W1122253.90	N4057.295	W11222.898
	JIORE	N405826.67	W1121845.59	N4058.445	W11218.760



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MOFER	N411640.75	W1123711.67	N4116.679	W11237.195
PPIGG	N404447.88	W1120328.55	N4044.798	W11203.476
SCOVL	N412403.63	W1124758.93	N4124.061	W11247.982
SHOLZ	N405400.57	W1121413.62	N4054.010	W11214.227
WAZER	N405024.30	W1122006.85	N4050.405	W11220.114
RW16L	N404826.80	W1115836.97	N4048.447	W11158.616
RW16R	N404827.99	W1115957.42	N4048.467	W11159.957
RW17	N404756.10	W1115743.46	N4047.935	W11157.724
RW34L	N404629.90	W1115943.69	N4046.498	W11159.728
RW34R	N404628.68	W1115823.25	N4046.478	W11158.388
RW35	N404624.49	W1115743.44	N4046.408	W11157.724

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16L	04226	55
RW16R	04221	56
RW17	04219	55
RW34L	04226	55
RW34R	04221	53
RW35	04224	55