

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RUGGD	TWO	RUGGD2.RUGGD	ONE	05/24/2018	12AUG2021

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 16L, 16R, 17: CLIMBING RIGHT TURN ON A HEADING BETWEEN 280 CW 340 AS ASSIGNED BY ATC, THENCE...

TAKEOFF RWY 34L, 34R, 35: CLIMBING LEFT TURN ON A HEADING BETWEEN 340 CCW 310 AS ASSIGNED BY ATC, THENCE...

...ON RADAR VECTORS TO CROSS BUBBY AT OR ABOVE 11000, THEN ON TRACK 054.04 TO RUGGD, THEN ON (TRANSITION). MAINTAIN FL230 OR LOWER FILED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<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>CROSSING ALTITUDE/FIXES</u>
MEEKER	RUGGD2.EKR	RUGGD	UPJAR	TRACK 130.06	26.24	17000	11500	
		UPJAR	BORZI	TRACK 095.50	53.21	FL190		
		BORZI	EKR VOR/DME	TRACK 092.78	112.18	FL190		
HOLTR	RUGGD2.HOLTR	RUGGD	KLOUD	TRACK 359.10	15.46	13000	11600	
		KLOUD	SAWGI	TRACK 005.40	25.42	17000	11600	
		SAWGI	HOLTR	TRACK 358.56	30.66	17000	11600	
JORGY	RUGGD2.JORGY	RUGGD	SPINE	TRACK 096.72	17.33	15000	11500	
		SPINE	SKIII	TRACK 072.36	16.00	17000	11400	
		SKIII	POPLE	TRACK 059.76	15.04	FL190		
MYTON	RUGGD2.MTU	POPLE	JORGY	TRACK 066.15	81.47	FL190		
		RUGGD	LOFOG	TRACK 137.12	31.20	17000	11500	
		LOFOG	LEGBE	TRACK 099.68	45.80	FL190		
PERTY	RUGGD2.PERTY	LEGBE	MTU VOR/DME	TRACK 124.63	22.66	FL190		
		RUGGD	HERTS	TRACK 117.97	21.50	17000	10900	
		HERTS	PERTY	TRACK 087.76	62.41	FL190		

QUALITY
22
CHECKED

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RUGGD	TWO	RUGGD2.RUGGD	ONE	05/24/2018	12AUG2021

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.
 NOTE: DME/DME/IRU OR GPS REQUIRED.
 NOTE: RADAR REQUIRED.
 NOTE: TURBOJET AIRCRAFT ONLY.
 NOTE: AIRCRAFT LANDING DENVER INTERNATIONAL AIRPORT, FILE THE PERTY TRANSITION.

TAKEOFF MINIMUMS:

RWY 16L, 16R, 17: STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 9700.
 RWY 34L, 34R, 35: STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 8500.
 RWY 14, 32: NA-ATC.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 16L, 16R: 8320 FT MSL AAO 404114.81N/1121203.19W.
 RWY 17: 7958 FT MSL AAO 404135.36N/1121154.74W.
 RWY 34L: 6796 FT MSL AAO 405742.89N/1121257.40W.
 RWY 34R, 35: 9770 FT MSL AAO 411159.61N/1115255.29W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KSLC 11E EPOCH YR:2020.
 DME/DME ASSESSMENT:SAT(RNP 2.0).
 CHART: TOP ALTITUDE: FL230.
 CHART: MINIMUM CROSSING ALTITUDE AT BUBBY 11000.

AIRPORTS SERVED:

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

COMMUNICATIONS:

ATIS, CLNC DEL, CPDLC, GND CON, SLC ATCT, SLC DEP CON

FIXES AND/OR NAVAIDS:**REMARKS:**

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i> DONALD H LANIER	<u>OFFICE</u>	<u>DATE</u>	
THOMAS E MOLOKIE	May 03, 2021	FICO	04/27/2021	
<u>DEVELOPED BY</u>	<i>Digitally signed by</i> DONALD H LANIER	<u>OFFICE</u>	<u>DATE</u>	
DONALD LANIER (RICHARD CHRISTENSEN)	May 03, 2021	AJV-A431	02/26/2021	
<u>APPROVED BY</u>	<i>Digitally signed by</i> DONALD H LANIER	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	May 03, 2021	AJV-A430		MANAGER

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RUGGD	TWO	RUGGD2.RUGGD	ONE	05/24/2018	12AUG2021

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, SLC APP CON, SLC ATCT, AMGR

CHANGES - REASONS:

1. CHANGED THE OCS TRANSITION TO JORGY TRANSITION, REMOVED OCS FROM SID AND ESTABLISHED FIX JORGY - DE-CONFLICT WITH ARRIVALS (NORDK4 STAR) FROM ROCK SPRINGS VOR/DME (OCS) PER ATC.
2. CONTROLLING OBSTACLES CHANGED: RWYS 16L, 16R FROM 8359 FT MSL, AAO 404114.81N/1121203.19W TO 8320 FT MSL, AAO 404114.81N/1121203.19W, RWY 17 FROM 7958 FT MSL, AAO 404136.74N/1121153.90W TO 7958 FT MSL, AAO 404135.36N/1121154.74W - OBSTACLE EVALUATION RESULTS.
3. UPDATED TAKEOFF OBSTACLES NOTES: TO READ "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - IAW 8260.46G APPENDIX E, SEC 1, PARA 7.

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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RUGGD		TWO		RUGGD2.RUGGD		ONE		05/24/2018	12AUG2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
BUBBY	410253.82N/1120059.53W	Y	-	IF	-	-	AT/ABOVE 11000		
RUGGD	410808.31N/1114603.29W	Y	FB	TF	065.04	12.45			
RUGGD	410808.31N/1114603.29W	Y	-	TF	-	-			RUGGD2.EKR
UPJAR	404741.03N/1112420.68W	Y	FB	TF	141.06	26.24			
BORZI	403214.46N/1101725.61W	Y	FB	TF	106.50	53.21			
EKR VOR/DME	400402.79N/1075529.82W	Y	FB	TF	103.78	112.18			
RUGGD	410808.31N/1114603.29W	Y	-	IF	-	-			RUGGD2.HOLTR
KLOUD	412322.23N/1114227.02W	Y	FB	TF	010.10	15.46			
SAWGI	414745.46N/1113251.50W	Y	FB	TF	016.40	25.42			
HOLTR	421800.00N/1112600.00W	Y	FB	TF	009.56	30.66			
RUGGD	410808.31N/1114603.29W	Y	-	IF	-	-			RUGGD2.JORGY
SPINE	410249.69N/1112414.45W	Y	FB	TF	107.72	17.33			
SKIII	410438.90N/1110313.58W	Y	FB	TF	083.36	16.00			
POPLE	410934.97N/1104425.49W	Y	FB	TF	070.76	15.04			
JORGY	412654.53N/1085847.48W	Y	FB	TF	077.15	81.47			
RUGGD	410808.31N/1114603.29W	Y	-	IF	-	-			RUGGD2.MTU
LOFOG	404135.71N/1112423.33W	Y	FB	TF	148.12	31.20			
LEGBE	402511.00N/1102817.00W	Y	FB	TF	110.68	45.80			

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RUGGD		TWO		RUGGD2.RUGGD		ONE		05/24/2018	12AUG2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
MTU VOR/DME	400856.74N/1100737.30W	Y	FB	TF	135.63	22.66			
RUGGD	410808.31N/1114603.29W	Y	-	IF	-	-		RUGGD2.PERTY	
HERTS	405434.17N/1112400.26W	Y	FB	TF	128.97	21.50			
PERTY	404434.77N/1100251.12W	Y	FB	TF	098.76	62.41			

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