### 01/27/2023

# 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 statue miles or feet RVR unless otherwise indicated.

DP NAM	<u>1E</u>					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DEZRT						2	DEZRT2.DEZRT	ONE	05/24/2018	20APR2023
TYPE:	<b>OBSTACLE</b>	<u>COPTER</u>	SID	SPECIAL	RNAV					
			$\times$		$\times$					

#### **DP ROUTE DESCRIPTION:**

TAKEOFF RWY 16L, 16R, 17: CLIMBING RIGHT TURN ON A HEADING BETWEEN 280 CW 340 FROM DEPARTURE END OF RUNWAY AS ASSIGNED BY ATC, THENCE... TAKEOFF RWY 34L, 34R, 35: CLIMBING LEFT TURN ON A HEADING BETWEEN 260 CW 320 FROM DEPARTURE END OF RUNWAY AS ASSIGNED BY ATC, THENCE...

...ON RADAR VECTORS TO CROSS DURCH AT OR ABOVE 12000, THEN ON TRACK 254.08 TO CROSS BONNE AT OR ABOVE 14000, THEN ON TRACK 252.96 TO CROSS DEZRT AT OR ABOVE 15000, THEN ON (TRANSITION). MAINTAIN 15000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

## TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	<u>FROM</u> <u>FIX/NAVAID</u>	<u>TO</u> <u>FIX/NAVAID</u>	COURSE	DISTANCE	<u>MEA</u>	MOCA	CROSSING ALTITUDE/FIXES
BATTLE MOUNTAIN	DEZRT2.BAM	DEZRT	TIPTN	TRACK 259.33	45.54	FL230	9600	
		TIPTN	PECOP	TRACK 258.61	41.75	FL240	10800	
		PECOP	ANTMO	TRACK 250.63	30.00	FL240	12900	
		ANTMO	BAM VORTAC	TRACK 250.20	70.38	FL240	12200	
MINA	DEZRT2.MVA	DEZRT	TIPTN	TRACK 259.33	45.54	FL230	9600	
		TIPTN	PECOP	TRACK 258.61	41.75	FL240	10800	
		PECOP	ASTNN	TRACK 207.94	121.14	FL240	12500	
		ASTNN	MVA VORTAC	TRACK 231.54	87.48	FL240	14000	

#### PROCEDURAL DATA NOTES:

NOTE: TURBOJET AIRCRAFT ONLY.

## PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

#### EQUIPMENT REQUIREMENT NOTES:

NOTE: RADAR REQUIRED.

## TAKEOFF MINIMUMS:

RWY 14, 32: NA-ATC.

RWY 16L: STANDARD WITH MINIMUM CLIMB OF 470 FT PER NM TO 9900. RWY 16R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9700. RWY 17: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 9400. RWY 34L: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 7500. RWY 34R: STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 7500.

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE				
	2	DEZRT2.DEZRT	ONE	05/24/2018	20APR2023				
RWY 35: STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 7500.									
TAKEOFF OBSTACLES NOTES: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PF	ROCEDURES (C	DDP).							
CONTROLLING OBSTACLES: RWY 16L: 8479 FT MSL AAO 404111.67N/1121204.97W. RWY 16R: 8359 FT MSL AAO 404114.81N/1121203.19W. RWY 17: 8159 FT MSL AAO 404120.23N/1121201.78W. RWY 34L, 34R, 35: 6779 FT MSL AAO 405741.81N/1121256.39W.									
<u>MSA</u> : MSA FROM ARP KSLC 13000.									
LOST COMMUNICATIONS PROCEDURES:									
ADDITIONAL FLIGHT DATA: AIRPORT MV: SLC (P) 11E/2020. DME/DME/IRU ASSESSMENT: SAT(RNP 2.0). CHART: TOP ALTITUDE: 15000. CHART: MINIMUM CROSSING ALTITUDE AT DURCH-12000. AIRPORTS SERVED:									
AIRPORT ID		<u>CITY</u>			<u>STATE</u>				
KSLC		SALT LAKE CITY			UT				
COMMUNICATIONS: CHART: ATIS, CLNC DEL, CPDLC, GND CON, SLC ATCT. FIXES AND/OR NAVAIDS:									
REMARKS: 1. MAXIMUM 100 FT VEGETATION HEIGHT APPLIED. 2. ANTMO TO BAM VORTAC SEGMENT CONTROLLING OBSTACLE LOCATEI	D IN SECONDA	RY AREA WITH 1011.52 FT RO	DC APPLIED.						
FLIGHT INSPECTED BY Digitally signed by			OFFICE	DATE					
ALEX KRAUSE ERIC N SUSKI Jan 10, 2023			FPO	01/04/2023					
DEVELOPED BY			OFFICE	DATE					
ERIC N SUSKI (MICHAEL MCCARTNEY) Digitally signed by ERIC N SUSKI			AJV-A431	08/11/2022					
APPROVED BY Oct 20, 2022			OFFICE	DATE	TITLE				
JOHNNIE BAKER Digitally signed by			AJV-A430		MANAGER				
ERIC N SUSKIREQUIRED EFFECTIVE DATEOct 20, 2022									
ROUTINE					OVALITY_				
COORDINATED WITH:					8				
	OTHER: ZLO	C ARTCC, SLC TRACON, SLC	ATCT, AMGR		CHECKED				
FAA Form 8260-15B (06/21) Supersedes Previous Edition	Fle	ectronic Version			Page 2 of 3				

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE 20APR2023
DEZRT	2	DEZRT2.DEZRT	ONE	05/24/2018	

#### **CHANGES - REASONS:**

- 1. CHANGED FIX DEZRT CROSSING ALTITUDE RESTRICTION FROM MANDATORY 15000 TO AT OR ABOVE 15000. ATC REQUEST.
- 2. COMBINED AND CHANGED NOTES FROM "RNAV 1" AND "DME/DME/IRU OR GPS REQUIRED" TO "RNAV 1 DME/DME/IRU OR GPS" AND MOVED IT FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENTS NOTES SECTION. - IAW FAAO 8260.46H PARAGRAPH 2-1-1.F.(6).
- 3. MOVED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES SECTION. IAW FAAO 8260.46H PARAGRAPH 2-1-1.F.(3).
- 4. REMOVED NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: TWF AND REO DMES MUST BE OPERATIONAL FOR BATTLE MOUNTAIN TRANSITION NEW EVALUATION AND NO CRITICAL DMES.
- 5. REMOVED "SLC DEP CON" FROM COMMUNICATIONS BLOCK. WILL BE CHARTED AUTOMATICALLY IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(1).
- 6. CHANGED MEA ON DEZRT TO TIPTN SEGMENT FROM FL240 TO FL230. ATC REQUEST AND NEW DME/DME ASSESSMENT.
- 7. CHANGED MEA ON PECOP TO ANTMO SEGMENT FROM FL280 TO FL240. ATC REQUEST AND NEW DME/DME ASSESSMENT.
- 8. CHANGED MEA ON ANTMO TO BAM VORTAC SEGMENT FROM FL280 TO FL240. ATC REQUEST AND NEW DME/DME ASSESSMENT.
- 9. ADDED MOCA 9600 ON DEZRT TO TIPTN SEGMENT. REQUIRED IAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46. DEPARTURE PROCEDURE (DP) PROGRAM. MOCA DOCUMENTATION". DATED JULY 1. 2021.
- 10. ADDED MOCA 10800 ON TIPTN TO PECOP SEGMENT. REQUIRED IAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46. DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION", DATED JULY 1, 2021.
- 11. ADDED MOCA 12900 ON PECOP TO ANTMO SEGMENT. REQUIRED JAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46, DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION", DATED JULY 1, 2021.
- 12. ADDED MOCA 12200 ON ANTMO TO BAM VORTAC SEGMENT. REQUIRED IAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46. DEPARTURE PROCEDURE (DP) PROGRAM. MOCA DOCUMENTATION". DATED JULY 1. 2021.
- 13. ADDED MOCA 12500 ON PECOP TO ASTNN SEGMENT. REQUIRED IAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46, DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION", DATED JULY 1, 2021.
- 14. ADDED MOCA 14000 ON ASTNN TO MVA VORTAC SEGMENT. REQUIRED IAW FAAO 8260.46H APPENDIX E.4.H AND AJV MEMORANDUM "CLARIFICATION TO FAA ORDER 8260.46. DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION", DATED JULY 1, 2021.
- 15. CHANGED CONTROLLING OBSTACLE RWY 16L FROM 8359 FT MSL AAO 404114.81N/1121203.19W TO 8479 FT MSL AAO 404111.67N/1121204.97W. NEW OBSTACLE EVALUATION.
- 16. CHANGED TAKEOFF MINIMUMS RWY 16L FROM "STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 9700" TO "STANDARD WITH MINIMUM CLIMB OF 470 FT PER NM TO 9900". CHANGED TO OBSTACLE BASED CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE FOR NEW CONTROLLING OBSTACLE IAW FAAO 8260, 46H PARAGRAPH 2-1-1.E.(3)(A).
- 17. UPDATED VERBIAGE RWY 16R TAKEOFF MINIMUMS FROM "STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 9700" TO "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9700". -IAW FAAO 8260.46H APPENDIX E.8.C.
- 18. CHANGED CONTROLLING OBSTACLE RWY 17 FROM 7958 FT MSL AAO 404136.74N/1121153.90W TO 8159 FT MSL AAO 404120.23N/1121201.78W. NEW OBSTACLE EVALUATION.
- 19. CHANGED TAKEOFF MINIMUMS RWY 17 FROM "STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 9700" TO "STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 9400". CHANGED TO OBSTACLE BASED CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE FOR NEW CONTROLLING OBSTACLE IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(3)(A).
- 20. CHANGED CONTROLLING OBSTACLE RWY 34L. 34R. 35 FROM 6796 FT MSL AAO 405742.89N/1121257.40W TO 6779 FT MSL AAO 405741.81N/1121256.39W. UDPATED OBSTACLE EVALUATION.
- 21. CHANGED TAKEOFF MINIMUMS RWY 34L FROM "STANDARD WITH A MINIMUM CLIMB OF 260 FT PER NM TO 7800" TO "STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 7500", CHANGED TO OBSTACLE BASED CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE FOR NEW CONTROLLING OBSTACLE IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(3)(A).
- 22. CHANGED TAKEOFF MINIMUMS RWY 34R FROM "STANDARD WITH A MINIMUM CLIMB OF 260 FT PER NM TO 7800" TO "STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 7500". CHANGED TO OBSTACLE BASED CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE FOR NEW CONTROLLING OBSTACLE IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(3)(A).
- 23. CHANGED TAKEOFF MINIMUMS RWY 35 FROM "STANDARD WITH A MINIMUM CLIMB OF 260 FT PER NM TO 7800" TO "STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 7500". CHANGED TO OBSTACLE BASED CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE FOR NEW CONTROLLING OBSTACLE IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(3)(A).
- 24. CHANGED DP ROUTE DESCRIPTION VERBIAGE FROM "TAKEOFF RW16L, 16R, 17: CLIMBING RIGHT TURN ON A HEADING BETWEEN 280 CW 340 AS ASSIGNED BY ATC. THENCE..." TO "TAKEOFF RWY 16L, 16R, 17: CLIMBING RIGHT TURN ON A HEADING BETWEEN 280 CW 340 FROM DEPARTURE END OF RUNWAY AS ASSIGNED BY ATC. THENCE..." - ADDED AND UPDATED VERBIAGE IAW FAAO 8260.46H APPENDIX D.SECTION 1.7.A.(4).
- 25. CHANGED DP ROUTE DESCRIPTION VERBIAGE FROM "TAKEOFF RW34L, 34R, 35: CLIMBING LEFT TURN ON A HEADING BETWEEN 320 CCW 260 AS ASSIGNED BY ATC, THENCE..." TO "TAKEOFF RWY 34L, 34R, 35: CLIMBING LEFT TURN ON A HEADING BETWEEN 260 CW 320 FROM DEPARTURE END OF RUNWAY AS ASSIGNED BY ATC. THENCE..." - ADDED AND UPDATED VERBIAGE, AND MADE HEADING SECTOR REFERENCES CLOCKWISE JAW FAAO 8260,46H APPENDIX D.SECTION 1.7.A.(4).
- 26. UPDATED ADDITIONAL FLIGHT DATA TOP ALTITUDE VERBIAGE FROM "CHART: TOP ALTITUDE 15000" TO "CHART: TOP ALTITUDE: 15000". IAW FAAO 8260.46H APPENDIX E.12.B.(1).
- 27. UPDATED ADDITIONAL FLIGHT DATA CROSSING ALTITUDE VERBIAGE FROM "CHART MINIMUM CROSSING ALTITUDE AT DURCH 12000" TO "CHART: MINIMUM CROSSING ALTITUDE AT DURCH-12000." - IAW FAAO 8260.46H APPENDIX E.12.C.
- 28. ADDED "CHART:" TO LIST OF REQUIRED FREQUENCIES IN COMMUNICATIONS BLOCK. IAW FAAO 8260.46H PARAGRAPH 2-1-1.E.(1).
- 29. UPDATED ADDITIONAL FLIGHT DATA REFERENCE MAGNETIC VARIATION VERBIAGE FROM "REFERENCE MAG VAR: KSLC 11E EPOCH YR: 2020" TO "AIRPORT MV: SLC (P) 11E/2020". IAW AJV-A MEMORANDUM, "MAGNETIC VARIATION DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES AND GRAPHIC OBSTACLE DEPARTURE PROCEDURES", DATED 07/15/2022.
- 30. ADDED REMARKS "ANTMO TO BAM VORTAC SEGMENT CONTROLLING OBSTACLE LOCATED IN SECONDARY AREA WITH 1011.52 FT ROC APPLIED" AND "MAXIMUM 100 FT VEGETATION HEIGHT APPI IFD" WALIT.
- 31 ADDED MSA "MSA FROM ARP KSI C 13000" REQUIRED IAW FAAO 8260 46H APPENDIX E 16

NFDD NO 018

01/27/2023

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE DEPARTURE (DATA RECORD)

DP NAME						NUMBER	DP COMPUTER CODE		DATED	ACTUAL EFFECTIVE DATE
DEZRT						2	DEZRT2.DEZRT	ONE	05/24/2018	20APR2023
FIX/NAVAID	LAT/LONG	<u>C</u>	FO/FB	LEG TYPE	<u>TC</u>	<u>DIST</u> (NM)	ALTITUDE	SPEED	REMARKS	
DURCH	405218.51N/1122609.92W	Y	-	IF	-	-	AT/ABOVE 12000			
BONNIE	405144.54N/1123444.40W	Y	FB	TF	265.08	6.53	AT/ABOVE 14000			
DEZRT	405030.00N/1125000.00W	Y	FB	TF	263.96	11.65	AT/ABOVE 15000			
DEZRT	405030.00N/1125000.00W	Y	-	IF	-	-			DEZRT2.BAM	
TIPTN	405030.00N/1135000.00W	Y	FB	TF	270.33	45.54				
PECOP	405000.00N/1144500.00W	Y	FB	TF	269.61	41.75				
ANTMO	404531.14N/1152403.48W	Y	FB	TF	261.63	30.00				
BAM VORTAC	403408.69N/1165520.12W	Y	FB	TF	261.20	70.38				
DEZRT	405030.00N/1125000.00W	Y	-	IF	-	-			DEZRT2.MVA	
TIPTN	405030.00N/1135000.00W	Y	FB	TF	270.33	45.54				
PECOP	405000.00N/1144500.00W	Y	FB	TF	269.61	41.75				
ASTNN	391500.00N/1162300.00W	Y	FB	TF	218.94	121.14				
MVA VORTAC	383355.08N/1180158.27W	Y	FB	TF	242.54	87.48				