

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
AURELIA	THREE	AUREL3.SIRPE	TWO	08 AUG 07	21 JUL 2016

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 13: CLIMB DIRECT AMOME, THEN CLIMBING RIGHT TURN DIRECT SIRPE; CROSS SIRPE AT OR ABOVE 8400, THENCE...

...ON (TRANSITION).

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
PRESN	AUREL3.PRESN	SIRPE	PRESN	TRACK 196.91	8.46	8600		PRESN AT/ABOVE 8600
REAPS	AUREL3.REAPS	SIRPE	REAPS	TRACK 137.84	11.36	9500		REAPS AT/ABOVE 9500
SOLDE	AUREL3.SOLDE	SIRPE	SOLDE	TRACK 241.59	16.18	9500		

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

RWY 31: NA - OBSTACLES

TAKEOFF MINIMUMS: RWY 13, STANDARD WITH A MINIMUM CLIMB OF 420 FT PER NM TO 6200.

NOTE: RNAV-1

NOTE: GPS REQUIRED.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 13, FENCE ABEAM DER, 398 FT RIGHT OF CENTERLINE, 6 FT AGL/5262 FT MSL. BUSHES BEGINNING 24 FT FROM DER, 447 FT LEFT OF CENTERLINE, UP TO 4 FT AGL/5275 FT MSL. VEHICLE ON ROAD 200 FT FROM DER, 373 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/5279 FT MSL. VEHICLE ON ROAD, MULTIPLE POLES AND TREES BEGINNING 234 FT FROM DER, 373 FT LEFT OF CENTERLINE, UP TO 5309 FT MSL. TREE 765 FT FROM DER, 698 FT RIGHT OF CENTERLINE, 87 FT AGL/5341 FT MSL. TREES BEGINNING 1006 FT FROM DER, 595 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/5349 FT MSL. TREES BEGINNING 1233 FT FROM DER, 459 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/5344 FT MSL. TREES BEGINNING 1408 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 5325 FT MSL. TREES BEGINNING 1656 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/5339 FT MSL. TRANSMISSION TOWER 2079 FT FROM DER, 509 FT LEFT OF CENTERLINE, 66 FT AGL/5317 FT MSL. TREES 2104 FT FROM DER, 77 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/5318 FT MSL. TREES 2351 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/5334 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 13: 5939 FT MSL TREE 432742.30N/1141652.86W.

**LOST COMMUNICATIONS PROCEDURES:**



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**ADDITIONAL FLIGHT DATA:**

CHART: V444-500 WEST OF SOLDE, V500 FROM EAST OF SOLDE TO EAST OF REAPS, V484 SOUTHWEST OF PRESN, V101 SOUTHEAST OF REAPS.  
CHART: TOP ALTITUDE: PRESN AND REAPS TRANSITIONS: 10000; SOLDE TRANSITION: ASSIGNED BY ATC.  
REFERENCE MAG VAR: KSUN 13E EPOCH YR: 2020  
DME/DME ASSESSMENT: NOT CONDUCTED.

**AIRPORTS SERVED:**

FRIEDMAN MEMORIAL, HAILEY, ID

**COMMUNICATIONS:**

ZLC ARTCC, KSUN TOWER, GROUND CONTROL, UNICOM

**FIXES AND/OR NAVAIDS:**



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**REMARKS:**

MAG VAR CHANGE FROM 16E / 1995 TO 13E / 2020.

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZLC, KSUN ATCT, ARPT MGR

**CHANGES:**

1. MOVED SIRPE WP 6015.20 FT/0.99 NM WEST.
2. CHANGED PRESN TRANSITION TRACK FROM 200 TO 197 AND DISTANCE FROM 9 NM TO 8 NM.
3. CHANGED REAPS TRANSITION TRACK FROM 139 TO 138.
4. CHANGED SOLDE TRANSITION TRACK FROM 240 TO 242, DISTANCE FROM 17 NM TO 16 NM.
5. TAKEOFF MINIMUMS: CHANGED FROM MINIMUM CLIMB OF 400 FT PER NM TO 6700 TO 420 FT PER NM TO 6200.
6. ADDED TOP ALTITUDES: PRESN/REAPS 10000; SOLDE ASSIGNED BY ATC.
7. UPDATED LOW CLOSE-IN OBSTACLE LIST WITH DEPARTURE OBSTACLE GROUPER.
8. REMOVED ATC CLIMB OF 400 FT PER NM TO 7300.
9. DEP ROUTE DESCRIPTION: REMOVED PHRASES 'TO CROSS SIRPE' AND 'VIA'.
10. SOLDE TRANSITION: REMOVED 17000 MEA, CHANGED MEA TO 9500.

**REASONS:**

1. TO REDUCE TURN TO SOLDE WP TO LESS THAN 90 DEGREES.
- 2-4. MOVED SIRPE WP 6015.20 FT/0.99 NM WEST.
5. NEW CONTROLLING OBSTACLE DUE TO RELOCATION OF SIRPE WP.
6. PER ATC AND CRITERIA MEMO #225.
7. PER CRITERIA MEMO DATED 11/09/2015.
- 8, 9. PER 8260.46E.
10. 17000 MEA ORIGINALLY NEEDED TO RECEIVE HLE NDB; NO LONGER REQUIRED FOR RNAV ONLY SID.



## DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code			Superseded Number		Dated	Effective Date
AURELIA		THREE	AUREL3.SIRPE			TWO		08 AUG 07	21 JUL 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW13 (AER)*	433030.34N/1141800.23W*	N	-	-	-	-			*DISPL THLD (1701 FEET)
AMOME	432854.11N/1141626.95W	Y	FO	DF	-	2.24			CG 420 FT/NM TO 6200
SIRPE	431943.14N/1141308.20W	Y	FB	DF	-	9.49	AT/ABOVE 8400		RIGHT TURN
SIRPE	431943.14N/1141308.20W	Y	-	IF	-	-	AT/ABOVE 8400		AUREL3.PRESN
PRESN	431223.15N/1141854.14W	Y	FB	TF	209.91	8.46	AT/ABOVE 8600		
SIRPE	431943.14N/1141308.20W	Y	-	IF	-	-	AT/ABOVE 8400		AUREL3.REAPS
REAPS	430947.53N/1140534.46W	Y	FB	TF	150.84	11.36	AT/ABOVE 9500		
SIRPE	431943.14N/1141308.20W	Y	-	IF	-	-	AT/ABOVE 8400		AUREL3.SOLDE
SOLDE	431523.20N/1143428.57W	Y	FB	TF	254.59	16.18			

QUALITY  
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CHECKED