

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

City, State	Airport	Effective Date	Amdt. No.
HAILEY, ID	FRIEDMAN MEMORIAL	21 JULY 2016	3

TAKEOFF MINIMUMS:

RWY 31, NA – OBSTACLES

RWY 13, 900-2 ½ WITH MINIMUM CLIMB OF 390 FT PER NM TO 7000, OR STANDARD WITH MINIMUM CLIMB OF 605 FT PER NM TO 7000, OR 3600-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 13, CLIMB HEADING 146.77 AND ON 162.00 COURSE TO HLE NDB.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS FRIEDMAN MEMORIAL AIRPORT AT OR ABOVE 8800 THEN ON 155.00 COURSE TO HLE NDB.

TAKEOFF OBSTACLE 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: 6139 FT MSL TREE 432745.98N/1141700.96W (605 CLIMB GRADIENT)

RWY 13: 5939 FT MSL TREE 432737.60N/1141653.73W (VISIBILITY)

RWY 13: 6520 FT MSL AAO 432626.50N/1141328.30W (390 CLIMB GRADIENT)

RWY 13 (VCOA): 8550 FT MSL AAO 433154.85N/1141330.92W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 13: 8550 FT MSL AAO 433154.85N/1141330.92W



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REMARKS:

AIRPORT MAGVAR CHANGED FROM 16E/1995 TO 13E/2020

FLIGHT INSPECTED BY:

Digitally signed by

REQUIRED EFFECTIVE DATE:

CHARLES D CUNNINGHAM FICO **ALLAN WILL** 05/17/2016
 May 24, 2016

ROUTINE

DEVELOPED BY: *Digitally signed by*

RALPH DUMAR **RALPH DUMAR** AJV-5433 03/08/2016
 Apr 15, 2016

APPROVED BY:

Digitally signed by

LONNIE EVERHART AJV-5430 **ALLAN WILL**
 May 24, 2016

COORDINATED WITH:

ATA, ALPA, AOPA, NBAA, ARPT MGR, SUN ATCT, ZLC ARTCC

CHANGES:

1. TAKEOFF MINIMUMS: CHANGED STRAIGHT CLIMB OUT FROM "900-21/2 WITH MINIMUM CLIMB OF 400 FT PER NM TO 7000, OR STANDARD WITH MINIMUM CLIMB OF 590 FT PER NM TO 7000," TO "900-2 ½ WITH MINIMUM CLIMB OF 390 FT PER NM TO 7000, OR STANDARD WITH MINIMUM CLIMB OF 605 FT PER NM TO 7000."
2. TAKEOFF MINIMUMS: DELETED "WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE."
3. DEPARTURE PROCEDURE: CHANGED COURSE 143.77 TO 146.77.
4. VCOA: ADDED "OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE."
5. UPDATED LOW CLOSE-IN OBSTACLE LIST WITH DEPARTURE OBSTACLE GROUPER.

REASONS:

1. PER 8260.19G WORST CASE VEGETATION APPLICATION, PER 8260.3B VOL. 4
- 2, 4. PER 8260.46E.
3. AIRPORT MAGVAR CHANGE FROM 16E/1995 TO 13E/2020.
5. PER CRITERIA MEMO DATED 11/09/2015.

