

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DIVIDE	ONE	DIVD1.DIVD	NONE		30 JUNE 2011

TYPE: OBSTACLE

DP ROUTE DESCRIPTION:

TAKEOFF RWY 5: CLIMBING LEFT TURN HEADING 270, THENCE...
 TAKEOFF RWY 9: CLIMBING LEFT TURN HEADING 270, THENCE...
 TAKEOFF RWY 23: CLIMBING RIGHT TURN HEADING 020, THENCE...
 TAKEOFF RWY 27: CLIMBING RIGHT TURN HEADING 020, THENCE...

... CONTINUE CLIMB NORTHWESTBOUND ON HLN R-318 TO 8100, THEN CLIMBING RIGHT TURN DIRECT HLN VORTAC, CROSS HLN VORTAC AT OR ABOVE 9000 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS; CROSS HELENA RGNL AIRPORT NORTHBOUND AT OR ABOVE 5900 AND CONTINUE CLIMBING ON HLN R-336 TO WOKEN INT BEFORE PROCEEDING ON COURSE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

RWY 16, 34 NA – ENVIRONMENTAL
 RWY 5, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 8100 FT, OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.
 RWY 9, STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 8100 FT, OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.
 RWY 23, STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 8100 FT, OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.
 RWY 27, STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 8100 FT, OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 5, TREES BEGINNING 991 FT FROM DER, 630 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3939 FT MSL. RISING TERRAIN BEGINNING 5 FT FROM DER, 495 FT RIGHT OF CENTERLINE, UP TO 3826 FT MSL. FENCE BEGINNING 423 FT FROM DER, 332 FT RIGHT OF CENTERLINE, UP TO 12 FT AGL/3832 FT MSL.
 NOTE: RWY 9, TREES BEGINNING 1391 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3979 FT MSL. TREES BEGINNING 2928 FT FROM DER, 878 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/ 3979 FT MSL.
 NOTE: RWY 23, TOWER 4448 FT FROM DER, 357 FT LEFT OF CENTERLINE, 131 FT AGL/4054 FT MSL. POLES BEGINNING 1329 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/3996 FT MSL. TREES BEGINNING 1011 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/4059 FT MSL. ROD ON BLDG 953 FT FROM DER, 321 FT LEFT OF CENTERLINE, 44 FT AGL/ 3943 FT MSL, ROAD (1) 2374 FT FROM DER, 771 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/ 3972' MSL. OL ON HGR 457 FT FROM DER, 219 FT LEFT OF CENTERLINE, 43 FT AGL/3905 FT MSL. TREES BEGINNING 1519 FT FROM DER, 142 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/ 4011 FT MSL. POLES BEGINNING 1379 FT FROM DER, 57 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/3965 FT MSL. ANT ON BLDG 316 FT FROM DER, 352 FT RIGHT OF CENTERLINE, 34 FT AGL/3913 FT MSL. BLDG 584 FT FROM DER, 470 FT RIGHT OF CENTERLINE, 49 FT AGL/3948 FT MSL.
 NOTE: RWY 27, TREES BEGINNING 1079 FT FROM DER, 616 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3999 FT MSL. BLDG 1593 FT FROM DER, 731 FT LEFT OF CENTERLINE, 18 FT AGL/3917 FT MSL. RISING TERRAIN BEGINNING 101 FT FROM DER, 347 FT LEFT OF CENTERLINE, UP TO 3871 FT MSL. TREES BEGINNING 333 FT FROM DER, 507 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/3959 FT MSL..

**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
DIVIDE	ONE	DIVD1.DIVD	NONE		30 JUNE 2011

CONTROLLING OBSTACLES:

RWY 23: 5460 FT MSL BUSH 463516.96N-1120355.72W.
RWY 27: 5452 FT MSL AAO 464035.42N-1120504.55W, 6328 FT MSL AAO 464944.00N-1120731.70W.
VCOA: 5560 FT MSL TREE 463506.30N-1120407.30W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART HLN R-318, CHART HLN VORTAC

AIRPORTS SERVED:

HELENA RGNL

HELENA, MT

COMMUNICATIONS:

ZLC, HLN ATCT, RCO FSS.

FIXES AND/OR NAVAIDS:

HLN VORTAC

REMARKS:

OPERATIONAL CG ESTABLISHED FOR RWY 5 AND RWY 9 TO FACILITATE CLIMB TO 8100.

**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
DIVIDE	ONE	DIVD1.DIVD	NONE		30 JUNE 2011

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZLC, HLN APCH, HLN ATCT.

CHANGES:

1. VCOA CHANGED FROM "1600-3 FOR CLIMB IN VISUAL CONDITIONS" TO "2200-3 FOR CLIMB IN VISUAL CONDITIONS" AND AIRCRAFT CTA OVER HELENA REGIONAL AIRPORT CHANGED FROM 5300 FT TO 5900 FT.
2. RWY 5 TAKEOFF MINIMUMS CHANGED FROM "2500-3 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 8100" TO "STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 8100".
3. RWY 23 TAKEOFF MINIMUMS CHANGED FROM "1600-3 OR STANDARD WITH MINIMUM CLIMB OF 560 FT PER NM TO 8100" TO "STANDARD WITH MINIMUM CLIMB OF 450 FT PER NM TO 8100".
4. RWY 27 TAKEOFF MINIMUMS CHANGED FROM "1600-3 OR STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 8100" TO "STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 8100".
5. UPDATED CONTROLLING OBSTACLES.
6. CHANGED FROM TEXTUAL ODP TO GRAPHIC ODP, NAME OF GRAPHIC DP IS "DIVIDE 1".
7. TAKEOFF OBSTACLE NOTES UPDATED.

REASONS:

1. NEW OBSTACLE IN VCA.
2. CG OPERATIONAL, 250 CG USED TO SHORTEN DISTANCE NEEDED TO GET TO 8100FT AND TO KEEP CG CONSISTENT WITH "OLD" PROCEDURE.
3. RWY 23 ICA SHORTENED TO 0.9 NM TO AVOID OBSTACLE CAUSING HIGHER CG. 450 CG BASED ON LENGTH OF ICA.
4. CEILING/VISIBILITY DELETED, OBSTACLE USED IN PREVIOUS PROCEDURE GREATER THAN 3 NM, ACTUAL DISTANCE 3.01 NM (3.46 SM).
5. RWY 5/9 CG CHANGED TO OPERATIONAL CG, THEREFORE NO CONTROLLING OBSTACLES.
6. PROCEDURE HAS MORE THAN 1 TURN, IAW 8260-46D, PARA 2-1 B (4) (A).
7. IAW 8260-46D, APPENDIX D PARA 6 C (1).