

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
LIVINGSTON	TWO	LVM2.LVM	ONE	03/12/2009	8 NOVEMBER 2018

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

**DP ROUTE DESCRIPTION:**

**TAKEOFF RUNWAY 4:** CLIMBING RIGHT TURN HEADING 100 AND LVM VOR/DME R-070 OUTBOUND; AIRCRAFT DEPARTING EASTBOUND, CLIMB VIA LVM R-070/V2-86 ENROUTE. ALL OTHERS CONTINUE CLIMB ON LVM R-070 TO 7800, THEN CLIMBING LEFT VIA HEADING 260 AND LVM R-050 TO CROSS LVM VOR/DME AT OR ABOVE 9000, THEN CLIMB ENROUTE.

**TAKEOFF RUNWAY 22:** CLIMBING RIGHT TURN HEADING 270 AND LVM VOR/DME R-246 OUTBOUND; AIRCRAFT DEPARTING EASTBOUND, CONTINUE CLIMB VIA LVM R-246 OUTBOUND TO 6600, THEN CLIMBING RIGHT TURN DIRECT LVM VOR/DME, THEN CLIMB ON LVM R-070/V2-86 ENROUTE. ALL OTHER AIRCRAFT CONTINUE CLIMB VIA LVM VOR/DME R-246 AND BZN VOR/DME R-110 TO BZN. OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS, CROSS LVM VOR/DME AT OR ABOVE 9000 BEFORE PROCEEDING VIA FILED AIRWAY ROUTE.

**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>
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**PROCEDURAL DATA NOTES:**

**TAKEOFF MINIMUMS:**

**RWY 8, 13, 26, 31:** NA-ENVIRONMENTAL

**RWY 4:** STANDARD

**RWY 22:** STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 7200 OR 4500-3 FOR CLIMB IN VISUAL CONDITIONS

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 04,** LIGHTING 21 FT FROM DER, 115 FT RIGHT OF CENTERLINE, 4650 FT MSL. LIGHTING 23 FT FROM DER, 78 FT LEFT OF CENTERLINE, 4650 FT MSL.

**NOTE: RWY 22,** TERRAIN 4 FT FROM DER, 7 FT RIGHT OF CENTERLINE, 4650 FT MSL. TERRAIN BEGINNING 3794 FT FROM DER, 1371 FT LEFT OF CENTERLINE, UP TO 4760 FT MSL. TERRAIN 3975 FT FROM DER, 1374 FT LEFT OF CENTERLINE, 4769 FT MSL. TERRAIN 3995 FT FROM DER, 1407 FT LEFT OF CENTERLINE, 4770 FT MSL. TERRAIN BEGINNING 4140 FT FROM DER, 1373 FT LEFT OF CENTERLINE, UP TO 4774 FT MSL. TERRAIN 4265 FT FROM DER, 1377 FT LEFT OF CENTERLINE, 4775 FT MSL. TERRAIN 4402 FT FROM DER, 1427 FT LEFT OF CENTERLINE, 4780 FT MSL. TERRAIN 4532 FT FROM DER, 1467 FT LEFT OF CENTERLINE, 4781 FT MSL. POLE, TERRAIN BEGINNING 4580 FT FROM DER, 1473 FT LEFT OF CENTERLINE, UP TO 4785 FT MSL. TERRAIN BEGINNING 4939 FT FROM DER, 1568 FT LEFT OF CENTERLINE, UP TO 4791 FT MSL. TERRAIN BEGINNING 5176 FT FROM DER, 1717 FT LEFT OF CENTERLINE, UP TO 4793 FT MSL. TERRAIN BEGINNING 5314 FT FROM DER, 1690 FT LEFT OF CENTERLINE, UP TO 4796 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 4:** 6512 FT MSL AAO 454536.30N/1102227.50W.

**RWY 22:** WEST BOUND - 7367 FT MSL TOWER 454148.36N/1104609.17W. EAST BOUND - 6266 FT MSL AAO 454309.23N/1103716.9W.

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 22:** 9514 FT MSL AAO 453516.80N/1102734.30W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**



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LIVINGSTON	TWO	LVM2.LVM	ONE	03/12/2009	8 NOVEMBER 2018

**AIRPORTS SERVED:**

<b><u>AIRPORT NAME</u></b>	<b><u>CITY</u></b>	<b><u>STATE</u></b>
MISSION FIELD	LIVINGSTON	MT

**COMMUNICATIONS:**

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

THIS IS AN ABBREVIATED AMENDMENT.

**FLIGHT INSPECTED BY:**

CHARLES D CUNNINGHAM

*Digitally signed by*  
**DAVID TEFFETELLER**  
Aug 30, 2018

**OFFICE SYMBOL:**

FICO

**DATE:**

8/22/18

**DEVELOPED BY:**

LONNIE EVERHART (JOHN BURCH)

*Digitally signed by*  
**DAVID TEFFETELLER**  
Aug 30, 2018

**OFFICE SYMBOL:**

AJV-5400

**DATE:**

06/08/2018

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*  
**DAVID TEFFETELLER**  
Aug 30, 2018

**OFFICE SYMBOL:**

AJV-5400

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<b><u>A4A</u></b>	<b><u>ALPA</u></b>	<b><u>AOPA</u></b>	<b><u>APA</u></b>	<b><u>HAI</u></b>	<b><u>NBAA</u></b>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

AMGR, SLC

**CHANGES - REASONS:**

1. CHANGED RWY 22 TAKEOFF MINIMUMS FROM 300 FT PER NM TO 6800, TO 300 FT PER NM TO 7200 - NEW CONTROLLING OBSTACLE.
2. UPDATED TAKEOFF OBSTACLES ON ALL APPLICABLE RUNWAYS - NEW SURVEY DATA.
3. CHANGED VCOA CEILING - CRITERIA UPDATE.

