

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
HAMEY	TWO	HAMEY2.HAMEY	ONE	06/10/2004	7 OCTOBER 2021
<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 checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 35: CLIMB TO 9400 DIRECT HAMEY AND ON DEPICTED ROUTE TO MSO VOR/DME, THENCE...

...CONTINUE CLIMB IN MSO VOR/DME HOLDING PATTERN (HOLD NW, RT, 7 MILE LEGS, 152.14 INBOUND) TO CROSS MSO VOR/DME AT OR ABOVE MEA/MCA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE.

**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>
------------------------	-------------------------------------	----------------------------	--------------------------	---------------	-----------------	------------	-------------	------------------------------------

**PROCEDURAL DATA NOTES:**

NOTE: GPS REQUIRED

NOTE: RNAV 1

**TAKEOFF MINIMUMS:**

RWY 17: NA - OBSTACLES

RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 4200

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 35, TREE 548 FT FROM DER, 220 FT LEFT OF CENTERLINE, 3700 FT MSL. TREE 564 FT FROM DER, 93 FT RIGHT OF CENTERLINE, 3708 FT MSL. TREES BEGINNING 566 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 3717 FT MSL. TREES BEGINNING 575 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 3718 FT MSL. TREES BEGINNING 576 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 3715 FT MSL.

**CONTROLLING OBSTACLES:**

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: 8612 FT MSL AAO 461730.00N/1141645.00W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART HOLDING PATTERN AT MSO VOR/DME: HOLD NW, RT, 7 MILE LEGS, 152.14 INBOUND.

REFERENCE MAG VAR: KHRF 13E EPOCH YR 2025.

DME/DME ASSESSMENT: NOT CONDUCTED

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
HAMILTON/RAVALLI COUNTY	KHRF	HAMILTON	MT

**COMMUNICATIONS:**

GEG DEP CON, ZLC

**FIXES AND/OR NAVAIDS:**

MEXUE

QUALITY  
5  
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HAMEY	TWO	HAMEY2.HAMEY	ONE	06/10/2004	7 OCTOBER 2021

**REMARKS:**

50 FT TREES USED PER FPT.

**FLIGHT INSPECTED BY** *Digitally signed by*  
 PENDING **LONNIE EVERHART**  
 Jun 03, 2021

**OFFICE** **DATE**

**DEVELOPED BY** *Digitally signed by*  
 DAVID TEFFETILLER (JANTZEN TAYLOR) **LONNIE EVERHART**  
 Jun 03, 2021

**OFFICE** **DATE**  
 AJV-A432 04/19/2021

**APPROVED BY** *Digitally signed by*  
 LONNIE EVERHART **LONNIE EVERHART**  
 Jun 03, 2021

**OFFICE** **DATE** **TITLE**  
 AJV-A430 MANAGER

**REQUIRED EFFECTIVE DATE**

10/07/2021

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:**GEG DEP CON, ZLC, MONTANA AERO

**CHANGES - REASONS:**

1. CONSTRUCTED NEW DEPARTURE PROCEDURE TO REPLACE PROCEDURE FROM DECOMMISSIONED RUNWAY 16/34 - NEW PROCEDURE BUILT TO NEW RUNWAY 17/35.
2. UPDATED TAKEOFF OBSTACLE NOTES IAW TARGETS EVALUATION.
3. CHANGED COMPUTER CODE NUMBER FROM 1 TO 2 - REQUIRED FOR AMENDMENT.
4. CHANGED AIRPORT IDENTIFIER FROM M6S5 TO KHRF - AIRPORT IDENTIFIER CHANGED.
5. CHANGED AIRPORT MAGVAR FROM 18E EPOCH YR 1985 TO 13E EPOCH YR 2025 - MAGVAR UPDATE REQUIRED, OUT OF TOLERANCE, FPT REQUEST.
6. ADDED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: 8612 FT MSL AAO 461730.00N/1141645.00W - NOT PREVIOUSLY DOCUMENTED.
7. AMENDED TAKEOFF MINIMUMS TO STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 4200 - ICA MODIFIED FOR ROUTE CONSTRUCTION.
8. CHANGED DP ROUTE DESCRIPTION FROM "CLIMB TO 9000 DIRECT DAPTE WP, DIRECT HAMEY WP, THEN VIA DEPICTED ROUTE TO MSO VOR/DME, THENCE ... ALL AIRCRAFT CLIMB IN MSO VOR/DME HOLDING PATTERN (HOLD NW, RT,147.14 INBOUND) TO CROSS MSO VOR/DME AT OR ABOVE MEA/MCA FOR DIRECTION OF FLIGHT BEFORE" TO "TAKEOFF RWY 35: CLIMB TO 9400 DIRECT HAMEY AND ON DEPICTED ROUTE TO MSO VOR/DME, THENCE... CONTINUE CLIMB IN MSO VOR/DME HOLDING PATTERN (HOLD, NW, RT,7 MILE LEGS, 152.14 INBOUND) TO CROSS MSO VOR/DME AT OR ABOVE MEA/MCA FOR DIRECTION OF FLIGHT BEFORE PROCEEDING ON COURSE" - IAW .46G, APPENDIX E

QUALITY  
5  
CHECKED

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HAMEY		TWO		HAMEY2.HAMEY		ONE		06/10/2004	7 OCTOBER 2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RWY 35 (AER)	461500.13N/114072631W	N	-	-	-	-			
HAMEY	462107.96N/1140725.18W	Y	FB	DF	-	5.28			CG 250 FT PER NM TO 4200
MEXUE	464033.00N/1135939.00W	Y	FB	TF	015.40	20.15			
MSO VOR/DME	465428.68N/1140501.15W	Y	FO	TF	345.20	14.41			
MSO VOR/DME	465428.68N/1140501.15W	Y	FO	HA	165.14	7.00	9400		RIGHT TURN

