

**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SUPERSEDED NUMBER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>
MEADOW LAKE	FIVE	MEDOW5.MSP	FOUR	08/17/2017	8 SEP 2022

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

This is a corrected copy of a procedure originally published in NFDD 137. See page 2 for details

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 17:** CLIMB ON HEADING 169.53 TO HUSHH/MSP VOR/DME 3.53 DME, THEN RIGHT TURN HEADING 245.00 FOR VECTORS TO ASSIGNED ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**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:****PBN REQUIREMENTS NOTES:****EQUIPMENT REQUIREMENT NOTES:**

RADAR AND DME REQUIRED.

**TAKEOFF MINIMUMS:**

**RWY 17:** STANDARD.

ALL OTHER RUNWAYS NA - ATC.

**TAKEOFF OBSTACLES NOTES:**

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

**CONTROLLING OBSTACLES:****MSA:****LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

**CHART:** TOP ALTITUDE: ASSIGNED BY ATC.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMSP	MINNEAPOLIS	MN

**COMMUNICATIONS:**

**CHART:** ATIS, CLEARANCE DELIVERY, TOWER.

QUALITY  
2  
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SUPERSEDED NUMBER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>
MEADOW LAKE	FIVE	MEDOW5.MSP	FOUR	08/17/2017	8 SEP 2022

**FIXES AND/OR NAVAIDS:**

FAR VOR/DME, DLH VORTAC, GRB VORTAC, RAP VORTAC, FGT VORTAC, FSD VORTAC, DLL VORTAC, OVR VORTAC, DSM VORTAC, STJ VORTAC, MCI VORTAC, ABR VOR/DME.

**REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY****OFFICE****DATE**

*Digitally signed by*

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/ VALIDATION.

**ERIC N SUSKI**

Jul 28, 2022

**DEVELOPED BY**

*Digitally signed by*

**OFFICE****DATE**

DONALD LANIER (MICAH HILLEY)

**ERIC N SUSKI**

Jul 26, 2022

AJV-A431

03/07/2022

**APPROVED BY**

*Digitally signed by*

**OFFICE****DATE****TITLE**

LONNIE EVERHART

**ERIC N SUSKI**

Jul 26, 2022

AJV-A430

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, MSP ATCT, AMGR

**CHANGES - REASONS:**

1: CHANGED DEPARTURE ROUTE DESCRIPTION FROM: CLIMB ON HEADING 169.53 TO HUSHH/MSP VOR/DME 3.53 DME THEN RIGHT TURN HEADING 245.00 AND CONTINUE CLIMB (TURBOJET AIRCRAFT MAINTAIN 7000 OR LOWER AS ASSIGNED, ALL OTHER AIRCRAFT MAINTAIN 5000 (OR LOWER AS ASSIGNED). THEN ON VECTORS TO ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO ASSIGNED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE TO: CLIMB ON HEADING 169.53 TO HUSHH/MSP VOR/DME 3.53 DME THEN RIGHT TURN HEADING 245.00 AND CONTINUE CLIMB THEN ON VECTORS TO ASSIGNED ROUTE/FIX, EXPECT CLEARANCE TO ASSIGNED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE - 8260.46H SECTION 2 (3).

2: CHANGED ADDITIONAL FLIGHT DATA FROM: CHART TOP ALTITUDE: (JETS) 7000/(PROPS) 5000 TO: CHART TOP ALTITUDE: ASSIGNED BY ATC - 8260.46H SECTION 2 (12) (B); FPT REQUEST.

3: FIXES AND/OR NAVAIDS: REMOVED ODI VORTAC, FOD VORTAC, ONL VORTAC, FCM VOR/DME, AND RST VOR/DME - 8260.46H SECTION 2 (15); FPT REQUEST.

4: UPDATED TAKEOFF NOTES TO: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - 8260.46H APPENDIX D SECTION 2 (9).

5: REMOVED AIRPORT NAME FROM AIRPORTS SERVED - 8260.46H APPENDIX D SECTION 2 (13).

6: REMOVED DEPARTURE CONTROL SOUTH OR EAST, DEPARTURE CONTROL NORTH OR WEST FROM COMMUNICATIONS - 8260.46H APPENDIX D SECTION 2 (14).

7: CHANGED PROCEDURAL DATA NOTE FROM: NOTE: RADAR AND DME REQUIRED TO: RADAR AND DME REQUIRED; MOVED FROM PROCEDURAL DATA NOTES TO EQUIPMENT NOTES - 8260.46H APPENDIX D SECTION 2 (6) & (7).

8: TAKEOFF MINIMUMS: REMOVED ALL OTHER RUNWAYS: NA - ATC REQUEST - NOT REQUIRED.

07/18/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/29/2022.

1: CHANGED DP ROUTE DESCRIPTION FROM: CLIMB ON HEADING 169.53 TO HUSHH/MSP VOR/DME 3.53 DME THEN RIGHT TURN HEADING 245.00 AND CONTINUE CLIMB THEN ON VECTORS TO ASSIGNED ROUTE/FIX, EXPECT CLEARANCE TO ASSIGNED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE TO: CLIMB ON HEADING 169.53 TO HUSHH/MSP VOR/DME 3.53 DME, THEN RIGHT TURN HEADING 245.00 FOR VECTORS TO ASSIGNED ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

2: TAKEOFF MINIMUMS: ADDED ALL OTHER RUNWAYS NA - ATC

*Digitally signed by*

**ERIC N SUSKI**

Jul 28, 2022

QUALITY  
2  
CHECKED