

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KMDD	<u>PROCEDURE NAME</u> VOR RWY 25		<u>ORIGINAL/AMENDMENT</u> 3E	<u>CITY</u> MIDLAND	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 2805	<u>TDZE</u> 2800	<u>SUPERSEDED</u> VOR/DME RWY 25	<u>ORIGINAL/AMENDMENT</u> 3D	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> MAF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-09.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MERGE INT/17.00 DME CW	IAF	ROGNY/17.00 DME					17.00 DME ARC		4500
OXATE/17.00 DME CCW	IAF	ROGNY/17.00 DME					17.00 DME ARC		4500
ROGNY/17.00 DME	IF	SKRDA/11.00 DME	NOPT				238.58	6.01 (MAF R-059)	4500

MISSED APPROACH

MAP:

MAF R-059/5.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4500 ON MAF VORTAC R-357 TO MERGE INT/17.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ROGNY
3. FAF: 238.58 FAF: SKRDA/11.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.69
4. MIN ALT: ROGNY/17.00 DME 4500, SKRDA/11.00 DME 4500
8. MSA FROM: MAF VORTAC 5100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT OXATE.

NOTES:

CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MERGE ON V16 WESTBOUND.



ADDITIONAL FLIGHT DATA:

HOLD N, LT, 176.74 INBOUND.
CHART FAS OBST: 3121 TOWER (48-002503) 320413N/1020147W.
CHART VDP AT 7.04 DME
DISTANCE VDP TO THLD 1.74 NM.
CHART MAF R-357 AT MERGE.
CHART MAF R-117 AT OXATE.
FAC CROSSES RWY C/L EXTENDED 2934 FT FROM THLD.
CHART CIRCLING ICON.
SKRDA TO RW25: 2.75/47.

MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-25	3400	1	600	3400	1	600	3400	1 3/4	600	3400	1 3/4	600			
CIRCLING	3400	1	595	3400	1	595	3440	1 3/4	635	3700	3	895			

CHANGES - REASONS

1. INCORPORATED P NOTAMS 3B, 3C, AND 3D. - IAW 8260.19I 8-3-4C (3)
2. CHANGED MAP FROM "BGD R-059/5.30 DME" TO "RW25 OR AT MAF R-059/5.30 DME". - TO CORRECT DOCUMENTATION ERROR.
3. CHANGED MA INSTRUCTION FROM "CLIMBING RIGHT TURN TO 4500 VIA MAF R-357 TO MERGE INT/17.00DME AND HOLD." TO "CLIMBING RIGHT TURN TO 4500 ON MAF VORTAC R-357 TO MERGE INT/17.00 DME AND HOLD" - 8260.19I 8-6-6D (6)
4. ADDED "DME REQUIRED" TO EQUIP REQ NOTES - IAW 8260.19I 8-3-4B (6)
5. ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT OXATE" TO EQUIP REQ NOTES - IAW 8260.19I 8-6-9G.
6. CHANGED NOTE FROM "RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 25 HELICOPETER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - NEW EVAL SHOWED ONLY 34:1 PENETRATIONS.
7. ADDED NOTE: "PROCEDURE NA FOR ARRIVALS AT MERGE ON V16 WESTBOUND." - IAW 8260.19I 8-2-5(2).
8. ADDED CHART MAF R-357 AT MERGE TO ADD FLT DATA - IAW 8260.19I 8-6-10Q.
9. ADDED CHART MAF R-117 AT OXATE TO ADD FLT DATA - IAW 8260.19I 8-6-10Q.
10. ADDED CHART CIRC ICON - IAW 8260.19I 8-6-10T
11. ALT MINS: CHANGED FROM NA TO "STANDARD - CAT D 900-3 - NA WHEN LOCAL WEATHER NOT AVAILABLE" - LOCAL ALTIMETER AT KMDD.
12. ADDED "CHART VDP AT 7.04 DME AND DISTANCE VDP TO THLD 1.74 NM." - IAW 8260.19I 8-6-10M
13. CHANGED ADDITIONAL FLIGHT NOTE FROM "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD" TO "FAC CROSSES C/L EXTENDED RWY 2934 FT FROM THLD". - NEW EVALUATION.
14. CHANGED NAME OF APPROACH FROM "VOR/DME RWY 25" TO "VOR RWY 25". - IAW 8260.19I 8-2-2.
15. UPDATED HOLDING COURSE IN ADD FLT DATA FROM "177" TO "176.74" - NEW CRITERIA FORMATTING.
16. UPDATED FAS OBSTACLE FROM "FAS OBST: 3120 TOWERS 320413/1020145" TO "CHART FAS OBST: 3121 TOWER (48-002503) 320413N/1020147W". - OBSTACLE UPDATED AND UPDATED DOCUMENTATION IAW 8260.19I 8-6-10C.

03/09/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/02/2022.
1. TERMINAL ROUTES: CHANGED MERGE TO ROGNEY SEGMENT FROM: MERGE INT/16.66 DME CW TO: MERGE INT/17.00 DME CW AND COURSE FROM: 16.66 DME ARC TO: 17.00 DME ARC.
2. MAP: CHANGED FROM RW25 OR AT MAF R-059/5.30 DME TO: MAF R-059/5.30 DME.



COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ **OTHER:** ZFW/ZHU ARTCC, MAF APCH CON, MAF FSS, AMGR

FLIGHT CHECKED BY

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

OFFICE

DATE

DEVELOPED BY

ALLAN WILL (ZACHARY KRUEGER)

Digitally signed by

DONALD H LANIER

Mar 09, 2022

Digitally signed by

DONALD H LANIER

Mar 09, 2022

OFFICE

AJV-A423

DATE

09/28/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

DONALD H LANIER

Mar 09, 2022

OFFICE

AJV-A420

DATE

TITLE

MANAGER

