

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> F35	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GRAFORD	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1008	<u>TDZE</u> 1008	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 7E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1985
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
MQP VORTAC		OGBOE		TF	FB	1.00	259.47	21.95	3500
CIYAL		MREEK		TF	FB	1.00	145.23	14.55	3500
MREEK	IAF	ZOOOO	NOPT	TF	FB	1.00	113.40	7.00	3500
OGBOE	IAF	ZOOOO	NOPT	TF	FB	1.00	293.52	7.00	3500
ZOOOO	IF/IAF	JAMGU		TF	FB	1.00	023.46	7.01	2600
JAMGU	FAF	ANIPE/2.05 NM TO RW02		TF	FB	0.30	023.50	1.85	
ANIPE/2.05 NM TO RW02		RW02	MAP	TF	FO	0.30	023.50	2.05	
RW02	MAP	1408 MSL		CA			023.50		
1408 MSL		ZOOOO		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3500 DIRECT ZOOOO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD SW ZOOOO, RT, 023.46 INBOUND, 3500 IN LIEU OF PT (IAF), MAX 6000.
- FAC: 023.50 FAF: JAMGU DIST FAF TO MAP: 3.89 DIST FAF TO THLD: 3.89
- MIN ALT: ZOOOO 3500, JAMGU 2600, ANIPE/2.05 NM TO RW02 1860
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS NOT CLEAR TCH:
- MSA FROM: RW02 3600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MQP VORTAC AIRWAY RADIALS 253 CW 330.
CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: USE MWL ALTIMETER SETTING; WHEN NOT RECEIVED, USE LUD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART MWL ASOS.
CHART FAS OBST: 1331 TREE 325315N/0982730W.
ANIPE TO RW02: 3.77/32.60.

MINIMUMS:

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

ALTERNATE: NA ☒

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
LNAV MDA	1640	1	632	1640	1	632	1640	1 3/4	632		NA				
CIRCLING	1700	1	692	1860	1 1/4	852	1880	2 1/2	872		NA				

CHANGES - REASONS

1. CHANGED FEEDER SEGMENT RNP VALUE FROM 2 TO 1 - IAW 8260.58D TABLE 1-2-1.
2. CHANGED FAF TO MAP (THLD) DIST FROM 4.81 TO 3.89 - IAW 8260.19K 8-6-7 C (3).
3. ADDED "20:1 IS NOT CLEAR" AND "34:1 IS NOT CLEAR" - NO SURVEY.
4. CHANGED NOTE FROM "USE MINERAL WELLS ALTIMETER SETTING; WHEN NOT RECEIVED, USE DECATUR MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 SM AND CIRCLING CAT C VISIBILITY 1/2 SM" TO "USE MWL ALTIMETER SETTING; WHEN NOT RECEIVED, USE LUD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM" - IAW 8260.19K 8-6-12 N.
5. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON MQP VORTAC AIRWAY RADIALS 253 CW 265" TO "PROCEDURE NA FOR ARRIVAL ON MQP VORTAC AIRWAY RADIALS 253 CW 330" - UPDATE TO MATCH AIRWAYS PUBLISHED.
6. CHANGED MISSED APPROACH HOLD ALTITUDE FROM 3200 TO 3500 - 3200 IS BELOW MVA 3300, ATC REQUEST.
7. ADDED NOTE "RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19K 8-6-12 K (2).
8. ADDED "CHART MWL ASOS" - IAW 8260.19K 8-2-4 B (3).
9. MREEK TO ZOOOO AND OGBOE TO ZOOOO INITIAL SEGMENT LENGTHS INCREASED FROM 5NM TO 7NM - PER IFP CHECKLIST AND ATC REQUEST.
10. MREEK TO ZOOOO AND OGBOE TO ZOOOO SEGMENTS AND ZOOOO H-I-L ALTITUDE INCREASED FROM 3200 TO 3500 - ATC REQUEST.

- 12/05/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/12/25.
1. REMOVED "CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES" FROM ADDITIONAL FLIGHT DATA - PROCEDURE REDESIGNED TO CLEAR OBSTACLES.
 2. ADDED VDA/TCH "ANIPE TO RW02: 3.77/32.60" TO ADDITIONAL FLIGHT DATA.
 3. ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})."



COORDINATED WITH:

A4A

☐

ALPA

☐

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AMGR, ZFW, DFW APP CON

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by

RAKE MCGRAW

Jan 08, 2026

OFFICE

AJF

DATE

01/06/2026

DEVELOPED BY
ARTHUR ULVESTAD

Digitally signed by

RAKE MCGRAW

Jan 08, 2026

OFFICE

AJV-A422

DATE

09/12/2025

APPROVED BY
RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jan 08, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER

