

**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</u> GRANITE FALLS MUNI/LENZEN-ROE- FAGEN MEMORIAL FIELD	<u>AIRPORT ID</u> KGDB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> GRANITE FALLS	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 1048	<u>TDZE</u> 1046	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 02/11/2010	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-03.**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RISLE		JUNES		TF	FB	1.00	126.75	19.04	3800
JUNES	IAF	MOLOW	NOPT	TF	FB	1.00	051.07	8.33	3800
MOLOW	IF/IAF	JOCKA		TF	FB	1.00	333.17	7.12	3000
JOCKA	FAF	RW33	MAP	TF	FO	0.30	333.11	5.94	
RW33	MAP	1448 MSL		CA			333.11		
1448 MSL		MOLOW		DF	FO	1.00			3800

MISSED APPROACH

MAP:
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:
CLIMBING LEFT TURN TO 3800 DIRECT TO MOLOW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



AIRPORTGRANITE FALLS MUNI/LENZEN-ROE-
FAGEN MEMORIAL FIELD**AIRPORT ID**

KGDB

PROCEDURE NAME

RNAV (GPS) RWY 33

ORIGINAL/AMENDMENT

ORIG-A

CITY

GRANITE FALLS

STATE

MN

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE MOLOW, RT, 333.17 INBOUND, 3800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 333.11 FAF: JOCKA DIST FAF TO MAP: 5.94 DIST FAF TO THLD: 5.94

4. MIN ALT: MOLOW 3800, JOCKA 3000

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:

6. MIN GP INCPT: GP ALT AT FAF :

7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:

8. MSA FROM: RW33 3000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RISLE ON V24-398 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1189 TREE 444220N/0953109W.
CHART VDP AT 1.25 NM TO RW33.
JOCKA TO RW33: 3.05/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LNAV MDA	1480	1	434	1480	1	434	1480	1 1/4	434	1480	1 1/2	434			
CIRCLING	1480	1	432	1540	1	492	1540	1 1/2	492	1600	2	552			



CHANGES - REASONS

1. ADDED PBN REQUIREMENTS NOTE: RNP APCH, REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - PBN REQUIREMENTS NOTATION CHANGED IAW FAAO 8260.19H.
2. DELETED CHART NOTE "PROCEDURE NA FOR ARRIVALS AT JUNES VIA V26 WESTBOUND"- PER VOR MON INITIATIVE HON VOR DECOMMISSIONED.
3. ADDED CA LEG TO TERMINAL ROUTES - IAW 8260.58A 3-5-2.
4. CHANGED AIRPORT ELEV/TDZE FROM "1047/1045" TO "1048/1046" - AIRNAV DATA.
5. ADDED MAX HOLDING "6000" AT MOLOW ON PROFILE LINE 2 - IAW 8260.19H 8-6-7.B(2).
6. ADDED NOTE: "20:1 IS CLEAR" - NO 20:1 PENETRATIONS IDENTIFIED.
7. ADDED NOTE: "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RISLE ON V24-398 WESTBOUND" - 8260.19H 8-2-5.E.
8. UPDATED HELICOPTER NOTE FROM "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 8260.19H 8-6-11.K(3).
9. REMOVED BACKUP ALTIMETER NOTE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEVIDEO ALTIMETER SETTING AND INCREASE ALL MDA 40 FT" - INFORMATION UPDATED AND MOVED TO 8260-9 CONTINGENCY NOTE, 8260.19H, 8-6-9.F.
10. ADDED ADDITIONAL FLIGHT DATA NOTE: "CHART VDP AT 1.25 NM TO RW33" - 8260.3D 2-6-5.A, 8260.19H 8-6-10.N(2).
11. CHANGED LNAV CAT A-D HAT FROM "435" TO "434" - RWY 33 TDZE UPDATED PER AIRNAV DATA.
12. CHANGED CIRCLING CAT B AND C MDA/HAA FROM "1500/453" TO "1540/492" - NEW CONTROLLING OBSTACLE IDENTIFIED.
13. CHANGED CIRCLING CAT A HAA FROM "433" TO 432" AND CAT D HAA FROM "553" TO "552" - AIRPORT ELEVATION UPDATED PER AIRNAV DATA.

01/08/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/12/20.

1. TERMINAL ROUTES: UPDATED MOLOW TO JOCKA RNP FROM 0.30 TO 1.00.

COORDINATED WITH:

A4A☐ALPA☒AOPA☒APA☐HAI☐NBAA☒OTHER: ZMP,AMGR, MSP APP CON

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by

JOHN BORDY

Jan 08, 2021

DATE

DEVELOPED BY

JOHN BORDY (EDUARDO LIMA)

Digitally signed by

JOHN BORDY

Jan 08, 2021

OFFICE

AJV-A422

DATE

01/31/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Jan 08, 2021

OFFICE

AJV-A420

DATE

TITLE

MANAGER

