

**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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
NORMAN COUNTY ADA/TWIN VALLEY	D00	RNAV (GPS) RWY 33	ORIG-B	ADA/TWIN VALLEY	MN	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
954	954	RNAV (GPS) RWY 33	ORIG-A	05/24/2018	5E	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		21 MAY 2020	ROUTINE			

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>
STRAW		NINDE		TF	FB	1.00	263.77	26.15	3400
IRILE	IAF	ODOHU	NOPT	TF	FB	1.00	057.53	8.53	3000
NINDE	IAF	ODOHU	NOPT	TF	FB	1.00	239.22	5.00	3000
ODOHU	IF/IAF	JOWZI		TF	FB	1.00	329.13	6.10	2700
JOWZI	FAF	WELEB/1.90 NM TO RW33		TF	FB	0.30	329.13	3.36	
WELEB/1.90 NM TO RW33		RW33	MAP	TF	FO	0.30	329.13	1.90	
RW33	MAP	1354 MSL		CA			329.13		
1354 MSL		JODSO		DF	FO	1.00			3300

MISSED APPROACH

MAP:

LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 DIRECT JODSO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE ODOHU, RT, 329.13 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 329.13FAF: JOWZIDIST FAF TO MAP: 5.26DIST FAF TO THLD: 5.26

4. MIN ALT:ODOHU 3000, JOWZI 2700, WELEB/1.90 NM TO RW33 1600

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

6. MIN GP INCPT:GP ALT AT FAF :OM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:RW33 2900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE HECTOR INTL ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

JOWZI TO RW33: 3.05/45
CHART HECTOR INTL ASOS-3
FAS OBST: 1214 AAO 471334N/0962224W.
HOLD NW, RT, 149.13 INBOUND

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	1540	1	586	1540	1	586	1540	1 3/4	586		NA				
CIRCLING	1540	1	586	1540	1	586	1580	1 3/4	626		NA				

CHANGES - REASONS

1. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STRAW ON V55 SOUTHEAST BOUND - V55 CANCELLATION.
2. UPDATED RNP VALUE FOR TERMINAL ROUTE FROM STRAW TO NINDE FROM 2.0 TO 1.0 - UPDATED IAW IFP GROUP POLICY.
3. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H 8-6-7 B (2).



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, FARGO 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

DATE

WARDELL HENNING

DEVELOPED BY

WARDELL HENNING (TYLER MITCHELL)

Digitally signed by

WARDELL HENNING

Mar 06, 2020

OFFICE

AJV-A432

Mar 06, 2020

DATE

01/07/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Mar 06, 2020

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

