

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> FNB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> FALLS CITY	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 984	<u>TDZE</u> 984	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/11/2014
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3E
				<u>EPOCH YEAR</u> 2015
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 236/30 CW 056/30	NOPT	USACE	IF/IAF	3000
2. 056/30 CW 236/30		USACE	IAF	3000

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>
USACE	IF/IAF	TAYUG		TF	FB	1.00	325.94	6.70	2700
TAYUG	FAF	ZIGNI/1.60 NM TO RW33		TF	FB	0.30	325.89	3.68	
ZIGNI/1.60 NM TO RW33		RW33	MAP	TF	FO	0.30	325.89	1.60	
RW33	MAP	1234 MSL		CA			325.89		
1234 MSL		COVUT		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT COVUT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE USACE, RT, 325.94 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	325.89	FAF:	TAYUG	DIST FAF TO MAP:	5.28	DIST FAF TO THLD:	5.28							
4.	MIN ALT:	USACE 3000, TAYUG 2700, ZIGNI/1.60 NM TO RW33 1520													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.67	GS ANT:				
6.	MIN GP INCPT:	2700	GP ALT AT PFAF:	TAYUG 2700			OM:		MM:		IM:				
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.  
CHART NOTE: BARO-VNAV NA WHEN USING AFK ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE AFK ALTIMETER SETTING AND INCREASE LPV DA TO 1338 AND LNAV/VNAV DA TO 1380, INCREASE ALL MDAS 120 FT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON

HOLD NW, RT, 145.76 INBOUND.  
CHART FAS OBST: 1130 TOWER (31-020616) 400322N/0953509W.  
WAAS CHANNEL # 45520  
REFERENCE PATH ID: W33A  
LTP HAE: 268.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LPV DA	1234	1	250	1234	1	250		NA			NA				
LNAV/VNAV DA	1276	1	292	1276	1	292		NA			NA				
LNAV MDA	1380	1	396	1380	1	396		NA			NA				
CIRCLING	1560	1	576	1560	1	576		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED USACE TO TAYUG INTERMEDIATE SEGMENT RNP FROM 0.50 TO 1.00 – IAW 8260.58A TABLE 1-2-1.
2. PROFILE: REMOVED “\*” FROM LINE 4. “MIN ALT: TAYUG 2700, ZIGNI/1.60 NM TO RW33 1520\*” – NO LONGER REQUIRED PER CURRENT CRITERIA.
3. PROFILE: LINE 7 ADDED “20:1 IS CLEAR” – NO PENETRATIONS IAW 8260.19J PARA 8-6-7.G (3)(A).
4. PBN REQUIREMENTS NOTE: ADDED “RNP APCH – GPS.” AND DELETED CHART NOTE: “DME/DME RNP-0.3 NA” – IAW 8260.19J PARA 8-6-8.B (2).
5. NOTES: UPDATED CHART NOTE FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C (-5°F) OR ABOVE 54°C (130°F).” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.” – FAHRENHEIT REMOVED IAW 8260.19J, 8-6-10.R.
6. NOTES: DELETED NOTE “\*LNAV ONLY” – NO LONGER REQUIRED PER CURRENT CRITERIA.
7. NOTES: CHANGED NOTE FROM “VDP AND BARO-VNAV NA WHEN USING NEBRASKA CITY ALTIMETER SETTING.” TO “BARO-VNAV NA WHEN USING AFK ALTIMETER SETTING.” – VDP NOT ESTABLISHED, ID UPDATED IAW 8260.19J PARA 8-6-12.N (1)(A)2.
8. NOTES: CHANGED NOTE FROM “WHEN LOCAL ALTIMETER NOT RECEIVED, USE NEBRASKA CITY ALTIMETER SETTING AND INCREASE ALL DA 104 FT AND ALL MDA 120 FT.” TO “WHEN LOCAL ALTIMETER NOT RECEIVED, USE AFK ALTIMETER SETTING AND INCREASE LPV DA TO 1338 AND LNAV/VNAV DA TO 1380, INCREASE ALL MDAS 120 FT.” – UPDATED IAW 8260.19J PARA 8-6-12.N (1)(A)2.
9. ALTERNATE: CHANGED FROM “NA” TO “STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE” – PRIMARY ALTIMETER ON WMSCR IAW 8260.19J PARA 8-6-10.F (2)(E)(7) AND 8260.19J TABLE 3-4-1.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZMP, ZKC, AMGR, ST AV DIR

FLIGHT CHECKED BY

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

Digitally signed by

JOSEPH L ZEDER

Aug 15, 2024

OFFICE

DATE

DEVELOPED BY

CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)

Digitally signed by

JOSEPH L ZEDER

Aug 15, 2024

OFFICE

DATE

AJV-A432 05/28/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

JOSEPH L ZEDER

Aug 15, 2024

OFFICE

DATE

TITLE  
MANAGER

AJV-A432



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFNB
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	400426.7085N
LTP/FTP LONGITUDE	0953517.8575W
LTP/FTP ELLIPSOIDAL HEIGHT	+02681
FPAP LATITUDE	400543.0155N
FPAP LONGITUDE	0953617.9150W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BCA9F9D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02986
FPAP ORTHOMETRIC HEIGHT	+02986

