

**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> PENDER MUNI	<u>AIRPORT ID</u> 0C4	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> PENDER	<u>STATE</u> NE	
<u>AIRPORT ELEVATION</u> 1345	<u>TDZE</u> 1343	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-11.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DECKA	IAF	WIRPI	NOPT	TF	FB	1.00	268.66	16.09	3100
IBHEN	IAF	WIRPI	NOPT	TF	FB	1.00	003.63	19.25	3100
WIRPI	IF/IAF	ZOVKU		TF	FB	1.00	331.20	5.20	3100
ZOVKU	FAF	GUGPE/2.20 NM TO RW33		TF	FB	0.30	331.18	3.23	
GUGPE/2.20 NM TO RW33		RW33	MAP	TF	FO	0.30	331.18	2.20	
RW33	MAP	1637 MSL		CA			331.18		
1637 MSL		HUKEG		DF	FO	1.00			3200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 DIRECT HUKEG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE WIRPI, RT, 331.20 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 331.18 FAF: ZOVKU DIST FAF TO MAP: 5.43 DIST FAF TO THLD: 5.43
4. MIN ALT: WIRPI 3100, ZOVKU 3100, GUGPE/2.20 NM TO RW33 2060*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 294 HAT: 0.80 GS ANT: ←
6. MIN GP INCPT: 3100 GP ALT AT FAF : ZOVKU 3100 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW33 3800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES: ←

CHART NOTE: BARO-VNAV NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IBHEN ON V181 SOUTHEAST BOUND.
CHART NOTE: USE WAYNE ALTIMETER SETTING; WHEN NOT RECEIVED, USE SIOUX CITY ALTIMETER SETTING: INCREASE LPV DA TO 1681 FEET AND LNAV/VNAV DA TO 1972 FEET AND ALL MDAS 60 FEET.

ADDITIONAL FLIGHT DATA:

CHART WAYNE AWOS-3
WAAS CHANNEL #72627
REFERENCE PATH ID: W33A
CHART FAS OBST: 1549 TREE 420524N/0964332W.
HOLD NW, RT, 151.08 INBOUND
LTP HAE: 380.7 M

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
LPV DA	1637	1	294	1637	1	294		NA			NA				
LNAV/VNAV DA	1928	2	585	1928	2	585		NA			NA				
LNAV MDA	1860	1	517	1860	1	517		NA			NA				



CHANGES - REASONS

1. REMOVED ROUTE FROM SUX VORTAC IN TERMINAL ROUTES - SUX VORTAC DECOMMISSIONING
2. ROUTE FROM 1626 MSL TO HUKEG ALTITUDE CHANGED FROM 3100 TO 3200 - HOLDING AT THE CLEARANCE LIMIT IS NOW 3200 FT DUE TO NEW CONTROLLING OBSTACLE.
3. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 3100 DIRECT HUKEG AND HOLD TO CLIMB TO 3200 DIRECT HUKEG AND HOLD - NEW CONTROLLING OBSTACLE.
4. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SUX VORTAC AIRWAY RADIALS R150 CW R266 - FEEDER REMOVED FROM PROCEDURE.
5. REMOVED ADDITIONAL FLIGHT DATA CHART CIRCLING ICON - CIRCLING WAS REMOVED WITH AMENDMENT ORIG C.
6. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECKA ON V307 SOUTHBOUND - TURN EXCEEDS 90 DEGREES.
7. ALL CHANGES FROM ORIG-A THROUGH ORIG-C HAVE BEEN INCORPORATED INTO THIS PROCEDURE.

4/9/2020: THIS IS A CORRECTED COPY OF THE FORM THAT WAS APPROVED ON 3/20/2020.

1. ADDED "DIST TO THLD FROM 294 HAT: 0.80" TO PROFILE LINE 5.
2. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECKA ON V307 SOUTHBOUND.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** OLU FSS, ZMP, SUX APP CON, AMGR

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

Apr 09, 2020

DEVELOPED BY

WARDELL HENNING (TYLER MITCHELL)

Digitally signed by

OFFICE

DATE

WARDELL HENNING

AJV-A432

12/03/2019

Apr 09, 2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

WARDELL HENNING

Apr 09, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0C4
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	420632.1725N
LTP/FTP LONGITUDE	0964330.0885W
LTP/FTP ELLIPSOIDAL HEIGHT	+03807
FPAP LATITUDE	420753.0400N
FPAP LONGITUDE	0964420.4300W
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	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	36550EA7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04060
FPAP ORTHOMETRIC HEIGHT	+04060