

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> K0C4	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<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SUPERSEDED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-A	<u>DATED</u> 02/05/2015	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-26.

<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>
SUX VORTAC		WIRPI		TF	FO	2.00	205.62	27.32	3100
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	1626 MSL		CA			331.18		
1626 MSL		HUKEG		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT HUKEG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
41
CHECKED

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 ARRIVAL ON SUX VORTAC AIRWAY RADIALS R150 CW R266.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IBHEN ON V181 SOUTHEASTBOUND.
CHART NOTE: USE WAYNE ALTIMETER SETTING; WHEN NOT RECEIVED, USE SIOUX CITY ALTIMETER SETTING: INCREASE ALL DAS 44 FEET AND ALL MDAS 60 FEET.

ADDITIONAL FLIGHT DATA:

CHART WAYNE AWOS-3
CHART FAS OBST: 1549 TREE 420524N/0964332W.
CHART CIRCLING ICON.
WAAS CHANNEL #72627
REFERENCE PATH ID: W33A
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				
CIRCLING	1940	1	595	1940	1	595		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES, GUGPE TO RW33, UPDATED COURSE FROM 331.15 TO 331.18 - SAME AS FINAL COURSE.
2. TERMINAL ROUTES, CHANGED MISSED APPROACH CA LEG COURSE FROM 331.15 TO 331.18 - FINAL COURSE.
3. PROFILE SECTION, LINE 4, ADDED MAXIMUM HOLDING ALTITUDE 6000 - CURRENT DOCUMENTATION POLICY.
4. PROFILE SECTION, LINE 3, CORRECTED FAC FROM 331.17 TO 331.18 - RECALCULATION.
5. PROFILE SECTION, LINE 7, ADDED "20:1 IS CLEAR" - CURRENT DOCUMENTATION POLICY.
6. REPLACED DME/DME NOTE WITH RNP APCH NOTE - CURRENT DOCUMENTATION POLICY.
7. REWORDED BACKUP ALTIMETER NOTE, REMOVED VISIBILITY INCREASE - RECALCULATION USING CURRENT CRITERIA.
8. ADDED CIRCLING ICON - CURRENT CIRCLING AREAS EVALUATED (MDAS AND CONTROLLING OBSTACLES DID NOT CHANGE).

11 /27/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/26/18.

1. CHANGED LPV DA FROM 1626 TO 1637.
2. CHANGED LNAV/VNAV DA FROM 1917 TO 1928.



COORDINATED WITH:

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

FLIGHT CHECKED BY	<i>Digitally signed by</i>	OFFICE	DATE
ZACK SMYER	DAVID DANNER	FICO	10/19/2018
	Oct 26, 2018		
DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE
RUSS ROSLEWSKI	RUSSELL ROSLEWSKI	AJV-5421	07/19/2018
	Jul 19, 2018		
APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE
JULIE MORGAN	DAVID DANNER	AJV-5420	
	Oct 26, 2018		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	+00406
FPAP ORTHOMETRIC HEIGHT	+00406

