

**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> SUA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> STUART	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 16	<u>TDZE</u> 16	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/14/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 JANUARY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 6W
				<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

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>
STOOP		BERBE		TF	FB	1.00	116.59	8.28	3000
PBI VORTAC		MONAD		TF	FB	1.00	009.60	20.44	3000
BERBE	IAF	LEBAN		TF	FB	1.00	206.37	5.80	2000
MONAD	IAF	LEBAN		TF	FB	1.00	026.33	5.90	2000
LEBAN	IF	AROSS		TF	FB	1.00	296.35	6.03	1600
AROSS	FAF	WOLOB/1.56 NM TO RW30		TF	FB	0.30	296.30	3.27	
WOLOB/1.56 NM TO RW30		RW30	MAP	TF	FO	0.30	296.30	1.56	
RW30	MAP	266 MSL		CA			296.30		
266 MSL		PETNE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT PETNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT LEBAN
- FAC: 296.30 FAF: AROSS DIST FAF TO MAP: 4.83 DIST FAF TO THLD: 4.83
- MIN ALT: LEBAN 2000, AROSS 1600, WOLOB/1.56 NM TO RW30 560
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.64 GS ANT: MM: IM:
- MIN GP INCPT: 1600 GP ALT AT PFAF: AROSS 1600
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 51.0
- MSA FROM: RW30 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 07 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STOOP ON V295 NORTH BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PBI VORTAC AIRWAY RADIALS 327 CW 093.
CHART SPEED ICON IN PLANVIEW AT STOOP: MAX 230 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 116.20 INBOUND.
FAS OBST: 130 TREE 271042N/0801127W.
CHART W-497B.
WAAS CHANNEL # 77716
REFERENCE PATH ID: W30A
LTP HAE: -24.1 M

MINIMUMS:

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

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

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<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>
LPV DA	266	7/8	250	266	7/8	250	266	7/8	250	266	7/8	250			
LNAV/VNAV DA	404	1 3/8	388	404	1 3/8	388	404	1 3/8	388	404	1 3/8	388			
LNAV MDA	400	1	384	400	1	384	400	1 1/8	384	400	1 1/8	384			
CIRCLING	480	1	464	480	1	464	680	1 3/4	664	680	2	664			

CHANGES - REASONS

1. TERMINAL ROUTE: STOOP TO BERBE; RNP VALUE UPDATED FROM 2.00 TO 1.00, COURSE UPDATED FROM 116.57 TO 116.59, DISTANCE UPDATED FROM 8.27 TO 8.28 - NEW TARGETS DERIVED CALCULATION AND IAW 8260.19J 4-6-10F.
2. TERMINAL ROUTE: PBI VORTAC TO MONAD RNP VALUE UPDATED FROM 2.00 TO 1.00 - IAW 8260.19J 4-6-10F.
3. TERMINAL ROUTE: LEBAN TO AROSS; PBN VALUE UPDATED FROM 0.50 TO 1.00, DISTANCE UPDATED FROM 6.00 TO 6.03 - IAW 8260.19J 4-6-10F AND FIX AROSS MOVED.
4. TERMINAL ROUTE: AROSS TO WOLOB/1.60 NM TO RW30 UPDATED TO AROSS TO WOLOB/1.56 NM TO RW30, DISTANCE UPDATED FROM 3.26 TO 3.27 - AROSS AND WOLOB FIXES RELOCATED DUE TO FAF STRAIGHT IN ALIGNMENT AND TCH VALUE INCREASE.
5. TERMINAL ROUTE: WOLOB/1.60 NM TO RW30 TO RW30 UPDATED TO WOLOB/1.56 NM TO RW30 TO RW30, DISTANCE UPDATED FROM 1.60 TO 1.56 - WOLOB FIX RELOCATED DUE TO FAF STRAIGHT IN ALIGNMENT AND TCH VALUE INCREASE.
6. TERMINAL ROUTE: RW30 TO 262 MSL UPDATED TO RW30 TO RW30 TO 266 MSL - NEW SURVEY DATA CHANGED "THRE 12" TO "TDZE 16".
7. TERMINAL ROUTE: 262 MSL TO PETNE UPDATED TO 266 MSL TO PETNE, RNP VALUE 1.00 ADDED - AIRPORT ELEVATION UPDATE, NEW SURVEY DATA CHANGED "THRE 12" TO "TDZE 16". AND IAW 8260.19J 4-6-10F.
8. PROFILE LINE 3. DIST FAC TO MAP: UPDATED FROM 4.86 TO 4.83, DIST FAF TO THLD UPDATED FROM 4.86 TO 4.83 - AROSS FIX RELOCATED DUE TO FAF STRAIGHT IN ALIGNMENT AND TCH VALUE INCREASE.
9. PROFILE LINE 5: ADDED 250 HAT: 0.64 - IAW 8260.19J 8-6-7E.
10. PROFILE LINE 7: TCH CHANGED FROM 40.0 TO 51.0 - HIGHER TCH REQUIRED TO CLEAR VGS PENETRATIONS.
11. ADDED 20:1 IS CLEAR TO DOCUMENTATION - IAW 8260.19J 8-6-7 G3A.
12. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - IAW 8260.19J 8-6-8.D.1.
13. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19J 8-6-8.D.1.
14. UPDATED CHART NOTE: FROM CIRCLING TO RWY 07 NA AT NIGHT TO CIRCLING RWY 07 NA AT NIGHT - IAW 8260.19J 8-6-12O2G.
15. UPDATED CHART PLANVIEW NOTE: FROM CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STOOP ON V295 NORTH BOUND TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STOOP ON V295 NORTH BOUND - CORRECTED DIRECTION ERROR.
16. REMOVED AND RELOCATED TO -9 FORM: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PALM BEACH INTL ALTIMETER SETTING: INCREASE LPV DA TO 337 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 475 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM AND CIRCLING VISIBILITY CATS C/D/ 1/2 SM - IAW 8260.19J 8-6-10F4.
17. UPDATED UNCOMPENSATED BARO-VNAV NOTE TO REMOVE F AND CHANGE LOW TEMP FROM 4C (40F) TO 15C - UPDATED IAW 8260-19J 8-6-10R.
18. NOTES: CHANGED FROM "CHART PLANVIEW NOTE AT STOOP: MAX 230 KIAS." TO "CHART SPEED ICON IN PLANVIEW AT STOOP: MAX 230 KIAS" - IAW 8260.19J.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM CHART FAS OBST: 139 TREE 271028N/0801121W TO FAS OBSTACLE: 130 TREE 271042N/0801127W - NEW CONTROLLING OBSTACLE. - IAW 8260.19J 8-6-11C.
20. ADDITIONAL FLIGHT DATA: REMOVED 280 SHIP 270912N/0800735W - IAW 8260.19J, 8-6-11.E.2.
21. MINIMUMS: LPV DA CHANGED FROM 262 TO 266, VNAV DA CHANGED FROM 400 TO 404 AND LNAV HAT CHANGED FROM 388 TO 384 - CHANGE FROM THRE 12 TO TDZE 16.
22. CRC REMAINDER CHANGED FROM EB9032BB TO 820673DF - LTP/FTP LAT/LONG CHANGED FROM "271035.5235N/0801252.5155W" TO, "271035.5245N/0801252.5140W", FPAP LAT/LONG CHANGED FROM "271106.4500N/271106.4500N" TO "271106.4500N/0801426.2500W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "-00240" TO "-00241", AND TCH CHANGED FROM "40" TO "51".

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: PBI APP CON, ZMA, SUA ATCT, SUA AMGR

FLIGHT CHECKED BY

MICHAEL C MCCURDY

Digitally signed by

RAKE MCGRAW
Sep 17, 2025

OFFICE

AJF

DATE

09/16/2025

DEVELOPED BY

RALPH P. MILLER

Digitally signed by

RAKE MCGRAW
Sep 17, 2025

OFFICE

AJV-A422

DATE

07/02/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW
Sep 17, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER



AIRPORT ID
SUA

PROCEDURE NAME
RNAV (GPS) RWY 30

ORIGINAL/AMENDMENT
2

CITY
STUART

STATE
FL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUA
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	271035.5245N
LTP/FTP LONGITUDE	0801252.5140W
LTP/FTP ELLIPSOIDAL HEIGHT	-00241
FPAP LATITUDE	271106.4500N
FPAP LONGITUDE	0801426.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0976
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	820673DF
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00035
FPAP ORTHOMETRIC HEIGHT	+00035

