

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
SUA	RNAV (GPS) RWY 12	2A	STUART	FL		
<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SUPERSEDED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>
16	16	RNAV (GPS) RWY 12	2	02/28/2019	6W	2010
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			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>
ANGEE		HADAT		TF	FB	1.00	249.54	13.15	2000
FFAIR		HADAT		TF	FB	1.00	141.59	7.48	2000
IVETY	IAF	PETNE	NOPT	TF	FB	1.00	026.18	8.00	2000
HADAT	IAF	PETNE	NOPT	TF	FB	1.00	206.22	8.00	2000
SHEDS	IAF	PETNE	NOPT	TF	FB	1.00	116.88	9.54	2000
PETNE	IF/IAF	MAINR		TF	FB	1.00	116.20	6.06	1600
MAINR	FAF	ZEVPU/1.84 NM TO RW12		TF	FB	0.30	116.22	2.95	
ZEVPU/1.84 NM TO RW12		RW12	MAP	TF	FO	0.30	116.22	1.84	
RW12	MAP	271 MSL		CA			116.22		
271 MSL		LEBAN		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT LEBAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW PETNE, RT, 116.20 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	116.22	FAF:	MAINR	DIST FAF TO MAP:	4.79	DIST FAF TO THLD:	4.79							
4.	MIN ALT:	PETNE 2000, MAINR 1600, ZEVPU/1.84 NM TO RW12 660													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		255 HAT:	0.61	GS ANT:				
6.	MIN GP INCPT:	1600	GP ALT AT PFAF:	MAINR 1600					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	60.0							
8.	MSA FROM:	RW12 2600													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANGEE ON V492 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS ON V531 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 333.00 INBOUND.
CHART FAS OBST: 159 ANTENNA (12-152346) 271128N/0801449W.
CHART W-497B.
CHART VDP AT 1.16 NM TO RW12.
WAAS CHANNEL # 70516
REFERENCE PATH ID: W12A
LTP HAE: -23 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	271	7/8	255	271	7/8	255	271	7/8	255	271	7/8	255			
LNAV/VNAV DA	420	1 1/8	404	420	1 1/8	404	420	1 1/8	404	420	1 1/8	404			
LNAV MDA	420	1	404	420	1	404	420	1 1/8	404	420	1 1/8	404			
CIRCLING	480	1	464	480	1	464	680	1 3/4	664	680	2	664			



CHANGES - REASONS

1. TERMINAL ROUTE: MISSED APPROACH ROUTE CHANGED FROM RWY 12 TO 268 MSL AND 268 MSL TO LEBAN TO RWY 12 TO 271 MSL AND 271 MSL TO LEBAN - NEW LPV FINAL CONTROLLING OBSTACLE RAISED DA MINIMUMS FROM 268 TO 271.
2. PROFILE LINE 4: REMOVED ASTERISK FROM "RW12 660" AND REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
3. PROFILE LINE 5: CHANGED HAT FROM 252 TO 255 - NEW CONTROLLING OBSTACLE.
4. PBN REQUIREMENTS NOTE CHANGED FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19J 8-6-8 (B(1)) PBN NAVSPEC.
5. NOTES: CHART NOTE: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANGEE ON V492 NORTHBOUND AND BR62V SOUTHEAST BOUND CHANGED TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANGEE ON V492 NORTHBOUND - BR62V CANCELLED IN 2019.
6. NOTES: CHART NOTE: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS ON V531 NORTHWEST BOUND AND V51 NORTHBOUND CHANGED TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS ON V531 NORTHWEST BOUND - FIX SHEDS IS NO LONGER ASSOCIATED WITH V51.
7. ADDITIONAL FLIGHT DATA: CHART FAS OBST: CHANGED FROM 157 TOWER 271128N/0801449W TO 159 ANTENNA (12-152346) 271128N/0801449W - NEW LPV FINAL CONTROLLING OBSTACLE.
8. CIRCLING NOTE CHANGED FROM "CIRCLING RWY 7,16,25, 30 34 NA AT NIGHT" TO CIRCLING RWY 7 NA AT NIGHT - NEW AIRPORT VG SURVEYS IN 2020.
9. ADDITIONAL FLIGHT DATA: REMOVED ASTERISK FROM "RW12" IN VDP AT 1.12 NM FROM RW12" AND CHANGED DISTANCE FROM 1.12 TO 1.16 - NO LONGER REQUIRED/NEW HAT/DA.
10. ALTERNATE MINIMUMS: UPDATED TO STANDARD- NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19J 8-6-12 B(4).
11. MINIMUMS: LPV DA/VIS/HAT CHANGED FROM DA 268/HAT 252 VIS 3/4 ALL CATS TO DA 271/HAT 255 VIS 7/8 ALL CATS - NEW MISSED APPROACH PENETRATOR/VISIBILITY REQUIRED TO MEET RSA STANDARDS AT THE AIRPORT.
12. LNAV/VNAV MINIMUMS LOWERED FROM DA 466/HAT 450 VIS 1 3/8 TO DA 420/HAT 404 VIS 1 1/8 - VNAV CONTROLLING OBSTACLE LOCATED IN SLOPED SURFACE AND IAW 8260.58C 3-3-5, DA LOWERED TO MATCH LNAV MINIMUMS.
13. REMOVED CHART CIRCLING ICON NOTE - NO LONGER REQUIRED PER CRITERIA.
14. CRC REMAINDER CHANGED FROM E3708CB9 TO 19E2320F - LTP/FTP LAT/LONG CHANGE DUE TO PROCEDURE UPDATES/NEW AIRPORT SURVEY.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

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

FLIGHT CHECKED BY

MICHAEL C MCCURDY

Digitally signed by

RAKE MCGRAW

Sep 17, 2025

OFFICE

AJF

DATE

09/16/2025

Digitally signed by

RAKE MCGRAW

Sep 17, 2025

OFFICE

AJV-A422

DATE

06/30/2025

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 12

ORIGINAL/AMENDMENT
2A

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	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	271053.9255N
LTP/FTP LONGITUDE	0801348.2710W
LTP/FTP ELLIPSOIDAL HEIGHT	-00230
FPAP LATITUDE	271022.9800N
FPAP LONGITUDE	0801214.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	19E2320F
---------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00045
FPAP ORTHOMETRIC HEIGHT	+00045



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUA	RNAV (GPS) RWY 12	2A	STUART	FL	16	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ANGEE **TO** HADAT

RNP 1.00 DISTANCE 13.15 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-002647)	272344.11N/0802144.78W	505	20	3	1A	1000				AT495	2000
TERRAIN	272324.00N/0802336.00W	114 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM FFAIR **TO** HADAT

RNP 1.00 DISTANCE 7.48 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-002193)	272656.00N/0802432.00W	522	50	20	2C	1000				AT478	2000
TERRAIN	272318.00N/0802342.00W	141 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

<u>FROM</u> IVETY	<u>TO</u> PETNE
----------------------	--------------------

<u>RNP</u> 1.00	<u>DISTANCE</u> 8.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003507)	271539.44N/0802449.42W	332	20	3	1A	1000				AT668	2000
TERRAIN	271224.00N/0802827.00W	45 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:

INITIAL

<u>FROM</u> HADAT	<u>TO</u> PETNE
----------------------	--------------------

<u>RNP</u> 1.00	<u>DISTANCE</u> 8.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-002550)	272012.19N/0802430.09W	379	250	50	4D	1000				AT621	2000
TERRAIN	272318.00N/0802342.00W	141 (100)								AS1500	1600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
------------	-------------	-------------	------------	-------------	-----------	-----------	------------	----------------------	-------------	----------------	-------------------------------

SEGMENT REMARKS:



INITIAL

FROM

SHEDS

TO

PETNE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	9.54										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003507)	271539.44N/0802449.42W	332	20	3	1A	1000				AT668	2000
TERRAIN	271551.00N/0802521.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

PETNE (IF/IAF)

TO

MAINR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.06										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003507)	271539.44N/0802449.42W	332	20	3	1A	500				AT768	1600
TERRAIN	271109.00N/0802245.00W	118 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

MAINR

TO

RW12

RNP 0.30	DISTANCE 4.79	PAT	MAP DA	HAT 255	HMAS						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (12-150740)	271104.36N/0801406.52W	82	20	3	1A		34.00:1			MA5	271

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

MAINR

TO

RW12

RNP 0.30	DISTANCE 4.79	PAT	MAP DA	HAT 404	HMAS						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (12-152346)	271128.09N/0801449.24W	159	20	3	1A		23.44:1				420

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

VNAV CONTROLLING OBSTACLE IN SLOPED SURFACE AND IAW 8260.3-3-5, DA LOWERED FROM 466 TO 420.

FINAL: LNAV

FROM

MAINR

TO

ZEVPU/1.84 NM TO RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.95										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	271233.00N/0801848.00W	237	215	8	4B	250				RA80 DG93	660

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

ZEVPU/1.84 NM TO RW12

TO

RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.84		RW12		404						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
ANTENNA (12-152346)	271128.09N/0801449.24W	159	20	3	1A	250					420

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

PETNE

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-003022)	271737.31N/0802456.33W	348	20	3	1A	1000				AT652	2000
TERRAIN	271109.00N/0802245.00W	118 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LPV

FROM

DA

TO

LEBAN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 76			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (12-150567)	271101.43N/0801410.51W	80	20	3	1A		ASC				2000
SHIP	270911.59N/0800735.10W	280	50	20	2C	1000					1300
TERRAIN	271030.00N/0801121.00W	36 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

LEBAN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 259				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
SHIP	270911.59N/0800735.10W	280	50	20	2C	1000					1300
TERRAIN	271030.00N/0801121.00W	36 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW12

TO

LEBAN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 320				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
SHIP	270911.59N/0800735.10W	280	50	20	2C	1000					1300
TERRAIN	271030.00N/0801121.00W	36 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

SUA

PROCEDURE NAME

RNAV (GPS) RWY 12

AMDT NO.

2A

CITY

STUART

STATE

FL

AIRPORT ELEVATION

16

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ANTENNA (12-150900)	271021.62N/0801428.93W	1.30	464	167	20	3	1A	300			480
CATEGORY B											
ANTENNA (12-150900)	271021.62N/0801428.93W	1.81	464	167	20	3	1A	300			480
CATEGORY C											
TOWER (12-000622)	270753.00N/0801333.00W	2.84	664	368	50	20	2C	300			680
CATEGORY D											
TOWER (12-000622)	270753.00N/0801333.00W	3.70	664	368	50	20	2C	300			680

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW12	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (12-001525)	270721.00N/0802320.00W	253	9.2	1548	500	50	5D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SUA TOWER, PBI APP CON

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3	SUA	24	SUA		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	PBI	24	PBI	30.68	Y	70.6

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KSUA 16, KPBI 12
RA = 70.6.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW16	BSC-F		
RW34	BSC-F		
RW07 - MIRL (PCL), PAPI-4L	NPI-F		
RW25 - MIRL (PCL), PAPI-4L	NPI-F		
RW12 - MIRL (PCL), REIL (PCL), PAPI-4L	NPI-G		
RW30 - REIL (PCL), MIRL (PCL), PAPI-4L	NPI-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	14.9	60.0			3.00	34.9

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	460
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.97C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 7
20:1	



AIRPORT ID		PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
SUA		RNAV (GPS) RWY 12	2A	STUART	FL	16	RNAV
38 TREE (12-064319) 271049.29N/0801349.84W (1.15)							
FINAL TYPE	LPV, LNAV/VNAV, LNAV						
34:1							
82 TREE (12-150740) 271104.3600N/0801406.5200W (16.79)				58 TREE (12-150260) 271100.1000N/0801359.2800W (15.21)			
65 TREE (12-150791) 271055.3600N/0801404.7800W (13.37)				58 TREE (12-150477) 271059.0300N/0801400.9900W (12.05)			
72 TREE (12-150239) 271057.8700N/0801407.1600W (11.86)				65 TREE (12-150537) 271057.8300N/0801405.0400W (10.19)			
65 TREE (12-151805) 271058.7300N/0801405.3400W (8.51)				65 TREE (12-067611) 271058.4600N/0801405.4800W (8.44)			
67 TREE (12-151035) 271057.7700N/0801406.5900W (8.39)				67 TREE (12-152125) 271101.5500N/0801405.0400W (8.36)			
69 TREE (12-151345) 271057.7000N/0801407.4500W (8.31)				65 TREE (12-055369) 271102.8000N/0801403.7900W (8.19)			
67 TREE (12-152213) 271057.9900N/0801406.6600W (7.99)				80 TREE (12-150567) 271101.4300N/0801410.5100W (7.85)			
78 TREE (12-069806) 271059.2500N/0801410.7400W (7.52)				58 TREE (12-150169) 271100.8200N/0801402.0700W (7.51)			
58 TREE (12-150417) 271101.1600N/0801402.1100W (7.06)				56 TREE (12-150037) 271101.0100N/0801401.4400W (6.89)			
67 TREE (12-073851) 271058.3500N/0801407.0500W (6.64)				63 TREE (12-076489) 271059.0200N/0801405.2300W (6.49)			
65 TREE (12-150906) 271057.5800N/0801406.7800W (6.11)				56 TREE (12-152270) 271100.7200N/0801401.9500W (5.92)			
66 TREE (12-151993) 271057.3100N/0801407.3700W (5.91)				60 TREE (12-055367) 271058.6900N/0801404.4800W (5.7)			
64 TREE (12-150273) 271058.3600N/0801406.2900W (5.53)				52 TREE (12-151217) 271059.9800N/0801400.8800W (5.34)			
49 TREE (12-150046) 271100.0400N/0801359.8000W (4.97)				76 TREE (12-064232) 271101.5600N/0801410.1100W (4.72)			
61 TREE (12-152073) 271057.3200N/0801405.9000W (4.57)				65 TREE (12-151206) 271058.0000N/0801407.4500W (4.01)			
58 TREE (12-150971) 271057.7000N/0801404.9600W (3.52)				42 TREE (12-151696) 271100.2800N/0801357.5200W (3.41)			
61 TREE (12-150415) 271057.4600N/0801406.6000W (2.68)				62 TREE (12-072597) 271058.6400N/0801406.5300W (2.64)			
75 TREE (12-076564) 271102.1100N/0801410.3800W (2.48)				49 TREE (12-150821) 271100.2500N/0801400.8100W (2.24)			
52 TREE (12-150820) 271101.0300N/0801401.7200W (2.17)				73 TREE (12-066696) 271103.4900N/0801409.1700W (2.08)			
57 TREE (12-150944) 271057.3400N/0801405.3100W (2.02)				48 TREE (12-150435) 271059.9800N/0801400.6500W (1.92)			
70 TREE (12-152208) 271102.7900N/0801408.5500W (1.34)				61 TREE (12-151856) 271058.3400N/0801406.8000W (1.28)			
49 TREE (12-150043) 271100.5100N/0801401.1600W (1.1)				58 TREE (12-151436) 271058.9200N/0801405.7900W (0.2)			
49 TREE (12-150322) 271100.9100N/0801401.3700W (0.17)							
PENETRATIONS REMARKS:							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' TREES USED PER FPT.

CONTINGENCY REMOTE ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PBI ALTIMETER SETTING AND INCREASE LPV DA TO 339 FEET, LNAV/VNAV DA TO 537 FEET AND ALL MDA 80 FEET. INCREASE LPV VISIBILITY ALL CATS 1/8 SM, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 SM, INCREASE LNAV VISIBILITY CATS C AND D 1/4 SM AND CIRCLING VISIBILITY CATS C AND D 1/2 SM.

CONTINGENCY REMOTE ALTIMETER NOTE: BARO-VNAV AND VDP NA WHEN USING PBI ALTIMETER SETTING.

TAA NOT DEVELOPED DUE TO TURN REQUIRED AT FAF.

CIRCLING RWY 7 NA AT NIGHT - 38' TREE FOUND TO PENETRATE 20:1 VISUAL AREA

THE AVERAGE COLD TEMPERATURE WAS DERIVED FROM THE STANDARD -30C ISA DEVIATION DUE TO A LACK OF EQUIPMENT ON FIELD. WEATHER EQUIPMENT IS LOCATED WITHIN THE CITY OF STUART BUT NOT ON THE FIELD.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	110.22
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.65
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	110.22
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

271053.93N/0801348.27W

ARP COORDINATES

271054.12N/0801316.66W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 12 DISTANCE 0.54 NM

FAF COORDINATES

271233.63N/0801850.65W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 460FT, ACTUAL COORDINATES: 271055.50N/0801353.05W



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
SUA	RNAV (GPS) RWY 12	2A	STUART	FL	16	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
RALPH P. MILLER			AJV-A422	06/30/2025	AERONAUTICAL INFORMATION SPECIALIST	