

**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> MAI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> MARIANNA	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 111	<u>TDZE</u> 111	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>DATED</u> 02/04/2016	<u>MAG VAR</u> 2W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
		<u>ACTUAL EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 092/30 CW 272/30	NOPT	092/10 CW 272/10		2500
2. 092/10 CW 272/10		KUTEE	IF/IAF	2000
3. 272/30 CW 002/30		WALEN	IAF	2000
4. 002/30 CW 092/30		002/10 CW 092/10		3100
5. 002/10 CW 092/10		SEELY	IAF	2000

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>
SEELY	IAF	KUTEE	NOPT	TF	FB	1.00	091.92	6.75	2000
WALEN	IAF	KUTEE	NOPT	TF	FB	1.00	272.06	6.75	2000
KUTEE	IF/IAF	ELTOP		TF	FB	1.00	181.99	5.86	1800
ELTOP	FAF	JUMIG/2.29 NM TO RW18		TF	FB	0.30	181.99	2.89	
JUMIG/2.29 NM TO RW18		RW18	MAP	TF	FO	0.30	181.99	2.29	
RW18	MAP	700 MSL		CA			181.99		700
700 MSL		KUTEE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT KUTEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N KUTEE, RT, 181.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	181.99	FAF:	ELTOP	DIST FAF TO MAP:	5.18	DIST FAF TO THLD:	5.18							
4.	MIN ALT:	KUTEE 2000, ELTOP 1800, JUMIG/2.29 NM TO RW18 880													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		296 HAT:	0.80	GS ANT:				
6.	MIN GP INCPT:	1800	GP ALT AT PFAF:	ELTOP 1800			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	40.2							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BGE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 8, 26 NA AT NIGHT.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGE ALTIMETER SETTING: INCREASE LPV DA TO 479 FEET; INCREASE LNAV/VNAV DA TO 559 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 225 TREE (12-094955) 305207N/0851041W.
CHART 232 TREE (12-067976) 305303N/0851042W.
CHART VDP AT 1.09 NM TO RW18.
WAAS CHANNEL # 70438
REFERENCE PATH ID: W18A
CHART CIRCLING ICON.
LTP HAE: 5.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	407	1	296	407	1	296	407	1	296	407	1	296			
LNAV/VNAV DA	487	1	376	487	1	376	487	1	376	487	1	376			
LNAV MDA	480	1	369	480	1	369	480	1	369	480	1	369			
CIRCLING	620	1	509	620	1	509	620	1 1/2	509	900	2 1/2	789			



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED KUTEE TO ELTOP DISTANCE FROM "6.03" TO "5.89" AND RNP FROM "0.5" TO "1.00" - ELTOP MOVED NORTH 1031FT AND 1104FT EXTENSION OF THE RWY 18 THLD AND IAW 8260.19J 4-6-10.F.
2. TERMINAL ROUTES: UPDATED JUMIG TO RW18 DISTANCE FROM "2.30" TO "2.29" - JUMIG MOVED NORTH 1031 FT AND 1104FT EXTENSION OF THE RWY 18 THLD.
3. TERMINAL ROUTES: UPDATED "RW18 TO 600 MSL" TO "RW18 TO 700 MSL" - UPDATED TO ALIGN WITH 3.00/40.2 DESIGN BUILD PER FPT.
4. TERMINAL ROUTES: UPDATED "600 MSL TO KUTEE" TO "700 MSL TO KUTEE" - UPDATED TO ALIGN WITH 3.00/40.2 DESIGN BUILD PER FPT.
5. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT KUTEE AND HOLD" TO "CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT KUTEE AND HOLD" - UPDATED TO ALIGN WITH 3.00/40.2 DESIGN BUILD PER FPT.
6. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J 8-6-7.B.2.
7. PROFILE LINE 3: UPDATED DIST FAF TO MAP AND DIST FAF TO THLD FROM "5.19/5.19" TO "5.18/5.18" - FAF MOVED NORTH 1031FT.
8. PROFILE LINE 4: UPDATED "KUTEE 2000, ELTOP 1800, JUMIG/2.30 NM TO RW18 880*" TO "KUTEE 2000, ELTOP 1800, JUMIG/2.29 NM TO RW18 880" - ASTERISK NO LONGER REQUIRED AND JUMIG MOVED 1031 FT NORTH.
9. PROFILE LINE 5: DELETED "DISTANCE TO THLD FROM 250 HAT: 0.67 NM" FROM ADDITONAL FLIGHT DATA AND ADDED "296 HAT: 0.80" - IAW 8260.19J 8-6-7.E.
10. PROFILE LINE 7: ADDED "20:1 IS CLEAR" AND UPDATED TCH FROM "37.3" TO "40.2" - IAW 8260.19J 8-6-7.G
11. PBN REQUIREMENTS NOTE: DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH – GPS" - IAW 8260.19J 8-6-8.
12. NOTES: UPDATED "BARO-VNAV AND VDP NA WHEN USING BAINBRIDGE ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING BGE ALTIMETER SETTING" - IAW 8260.19J 8-6-10.E.8.
13. NOTES: UPDATED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5C (23F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -2°C OR ABOVE 54°C" - FAHRENHEIT NO LONGER REQUIRED AND UPDATED USING 5 YEAR HISTORICAL DATA.
14. NOTES: ADDED "CIRCLING RWY 8, 26 NA AT NIGHT" - RUNWAYS UNLIT AT NIGHT.
15. NOTES: REMOVED "CHART NOTE: NIGHT LANDING: RWY 26 NA" - NOTE COVERED WITH CIRCLING NOTE.
16. NOTES: UPDATED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "CHART NOTE: RUNWAY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19J 8-6-12.K.2.
17. UPDATED "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT D VISIBILITY 1/4 MILE AND LNAV CATS C/D VISIBILITY 3/8 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGE ALTIMETER SETTING: INCREASE LPV DA TO 479 FEET; INCREASE LNAV/VNAV DA TO 559 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM" - IAW 8260.19J 8-6-10.F.
18. ADDITIONAL FLIGHT DATA: UPDATED "CHART FAS OBST: 229 TREE 305220N/0851150W" TO "CHART FAS OBST: 225 TREE (12-094955) 305207N/0851041W" - NEW CONTROLLING OBSTACLE AND IAW 8260.19J 8-6-11.C.
19. ADDITIONAL FLIGHT DATA: UPDATED "CHART VDP AT 1.04 MILES TO RW18*" TO "CHART VDP AT 1.09 NM TO RW18" - FAF MOVED NORTH 1031FT AND ASTERISK REMOVED NO LONGER REQUIRED AND IAW 8260.19J 8-6-11.M.
20. ADDITIONAL FLIGHT DATA: REMOVED "*LNAV ONLY" - NO LONGER REQUIRED.
21. ADDITIONAL FLIGHT DATA: UPDATED LTP HAE FROM "5.2 M" TO "5.5 M" - IAW 8260.19J APPENDIX K 4.L.
22. MINIMUMS: LPV DA/HAT UPDATED FROM "360/250" TO "407/296" AND VISIBILITY FROM "7/8" TO "1" - NEW CONTROLLING OBSTACLES AND IAW 8260.3E TABLE 3-3-1.
23. MINIMUMS: LNAV/VNAV DA/HAT UPDATED FROM "500/390" TO "487/376" AND VISIBILITY FROM "1 3/8" TO "1" - NEW CONTROLLING OBSTACLES AND IAW 8260.3E TABLE 3-3-1.
24. MINIMUMS: UPDATED LNAV HAT FROM "370" TO "369" - THRESHOLD ELEVATION UPDATED FROM "110" TO "111" AND IAW 8260.19J 8-6-12.L.
25. MINIMUMS: UPDATED CIRCLING CAT A THROUGH D HAA FROM "510/510/510/720" TO "509/509/509/789" - AIRPORT ELEVATION UPDATED FROM "110" TO "111" AND IAW 8260.19J 8-6-12.L.
26. CRC REMAINDER: UPDATED FROM "4C0B01C3" TO "D14AA886" - LTP/FTP LATITUDE/LONGITUDE UPDATED FROM "305026.7475N/0851108.3865W" TO 305037.6900N/0851108.3895W" AND LTP/FTP ELLIPSOIDAL HEIGHT FROM "+00052" TO "+00055" AND FPAP LATITUDE AND LONGITUDE FROM "304857.4440N/0851108.3685W" TO 304908.3865N/0851108.3680W" AND THRESHOLD CROSSING HEIGHT (TCH) FROM "00037.3" TO "00040.2" AND LEGTH OFFSET FROM "1256" TO "920" AND LTP/FPAP ORTHOMETRIC HEIGHT FROM "+00334/+00334" TO "+00337/+00337".

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBA

☒

OTHER: ZJX, OZR APP CON, AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJF

DATE

02/08/2025

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJV-A433

DATE

06/14/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
MAI

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
2

CITY
MARIANNA

STATE
FL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMAI
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	305037.6900N
LTP/FTP LONGITUDE	0851108.3895W
LTP/FTP ELLIPSOIDAL HEIGHT	+00055
FPAP LATITUDE	304908.3865N
FPAP LONGITUDE	0851108.3680W
THRESHOLD CROSSING HEIGHT (TCH)	00040.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	D14AA886
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00337
FPAP ORTHOMETRIC HEIGHT	+00337



**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>
MAI	RNAV (GPS) RWY 18	2	MARIANNA	FL	111	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 092/30 CW 272/30 **TO** 092/10 CW 272/10

<u>RNP</u>	<u>DISTANCE</u>	<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 (01-000171)	311517.00N/0851539.00W	1463	250	50	4D	1000					2500
TERRAIN	313106.00N/0851824.00W	456 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 092/10 CW 272/10 **TO** KUTEE

<u>RNP</u>	<u>DISTANCE</u>	<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000				AT159	2000
TERRAIN	311115.00N/0851345.00W	301 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

272/30 CW 002/30

TO

WALEN

<u>RNP</u>	<u>DISTANCE</u>	<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000				AT159	2000
TERRAIN	304745.00N/0843636.00W	321 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

002/30 CW 092/30

TO

002/10 CW 092/10

<u>RNP</u>	<u>DISTANCE</u>	<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 (12-001288)	305511.60N/0854429.33W	2025	250	50	4D	1000				AT75	3100
TERRAIN	304148.00N/0852754.00W	331 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

002/10 CW 092/10

TO

SEELY

<u>RNP</u>	<u>DISTANCE</u>	<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000				AT159	2000
TERRAIN	305515.00N/0852606.00W	311 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

SEELY

TO

KUTEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.75										
<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	310245.00N/0852009.00W	410	215	8	4B	1000				AT590	2000
TERRAIN	310321.00N/0851715.00W	196 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

WALEN

TO

KUTEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.75										
<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000				AT159	2000
TERRAIN	310339.00N/0850900.00W	209 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

KUTEE (IF/IAF)

TO

ELTOP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.86										
<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	500				AT459	1800
TERRAIN	310221.00N/0850900.00W	206 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM
ELTOP

TO
RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.18		DA				296				
<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 (12-145447)	305108.40N/0851103.60W	210	20	3	1A		34.00:1			MA46	407

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
ELTOP

TO
RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.18		DA				376				
<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	305139.00N/0851148.00W	212	215	8	4B		22.08:1			AC8	487

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
ELTOP

TO
JUMIG/2.29 NM TO RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.89										
<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	305606.00N/0851245.00W	368	215	8	4B	250				RA80 DG182	880

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

JUMIG/2.29 NM TO RW18

TO

RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.29		RW18		369						
<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 (12-094955)	305206.78N/0851041.17W	225	20	3	1A	250					480

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

KUTEE

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-4									
<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 (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000				AT159	2000
TERRAIN	311115.00N/0851345.00W	301 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

KUTEE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u> 199		
<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 (12-145447)	305108.40N/0851103.60W	210	20	3	1A		ASC				2000
TOWER (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000					1900
TERRAIN	304845.00N/0851548.00W	236 (200)								AS1500	1700

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

KUTEE

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS		326		
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000					1900
TERRAIN	304845.00N/0851548.00W	236 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW18

TO

KUTEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										380	
<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
TOWER (12-001292)	305938.90N/0851008.80W	841	250	50	4D	1000					1900
TERRAIN	304845.00N/0851548.00W	236 (200)								AS1500	1700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

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											
TANK (12-027062)	304927.83N/0851015.88W	1.30	509	256	500	50	5D	300		AC50	620
CATEGORY B											
TREE	304830.00N/0851233.00W	1.81	509	301	215	8	4B	300			620
CATEGORY C											
TREE	304830.00N/0851233.00W	2.84	509	301	215	8	4B	300			620
CATEGORY D											
TOWER (12-003491)	304621.18N/0851054.54W	3.71	789	589	50	20	2C	300			900

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

OZR APP CON, GNV FSS, ZJX ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	MAI	24	MAI	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	BGE	24	BGE	29.26	Y	72

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMAI 111, KBGE 141
RA = 71.6.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW36 - MIRL (PCL), PAPI-4L (PCL)		NPI-F	
RW08		NPI-P	
RW26		NPI-P	
RW18 - MIRL (PCL), PAPI-4L (PCL)		PIR-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	110.5	40.2			2.83	40.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-2C	+54C	-2C	+14.78C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1261.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV		
34:1			
192 TREE (12-144927) 305100.2500N/0851114.0500W (20.34)	210 TREE (12-145447) 305108.4000N/0851103.6000W (14.12)		
202 TREE (12-145824) 305107.5500N/0851104.3900W (8.65)	203 TREE (12-145250) 305108.4100N/0851104.5900W (7.09)		



<u>AIRPORT ID</u> MAI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 2	<u>CITY</u> MARIANNA	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 111	<u>FACILITY</u> RNAV
129 TREE (12-145514) 305043.5700N/0851111.1100W (6.91)	179 TREE (12-145067) 305100.5100N/0851110.5300W (6.57)					
179 TREE (12-144703) 305101.0600N/0851110.0500W (4.93)	125 TREE (12-145651) 305043.1000N/0851105.7100W (4.31)					
198 TREE (12-144585) 305107.9100N/0851104.3100W (3.58)	178 TREE (12-145359) 305101.5800N/0851110.3000W (2.39)					
198 TREE (12-144709) 305108.3800N/0851101.7000W (2.18)	137 TREE (12-144976) 305047.9000N/0851109.7100W (2.04)					
129 TREE (12-145233) 305045.2400N/0851111.1700W (1.94)	137 TREE (12-144804) 305048.1100N/0851110.1200W (1.42)					
132 TREE (12-144262) 305046.4800N/0851109.1900W (1.26)	136 TREE (12-144953) 305047.8500N/0851108.0600W (1.19)					
134 TREE (12-145988) 305047.2000N/0851110.6500W (1.12)	138 TREE (12-145478) 305048.5600N/0851109.8800W (1.08)					
134 TREE (12-144605) 305047.2500N/0851106.2100W (0.97)	134 TREE (12-144400) 305047.4100N/0851109.5000W (0.50)					
132 TREE (12-144501) 305046.7600N/0851111.0000W (0.43)	125 TREE (12-144906) 305044.5400N/0851106.5300W (0.03)					
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100FT VEGETATION PER FPT.
RWY 8 AND 26 DO NOT HAVE RUNWAY LIGHTING. CIRCLING NA AT NIGHT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 232 TREE (12-067976) 305303.19N/0851042.19W.
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	3.30
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	179.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	THLD	TO 1500FT POINT	4.98
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	179.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	200

THRESHOLD COORDINATES (IF STR-IN)	305037.69N/0851108.39W
ARP COORDINATES	305017.60N/0851056.01W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36 DISTANCE 0.68 NM
FAF COORDINATES	305549.15N/0851108.47W
FIX NAME COORDINATES	

REMARKS

TAA:
IAF WALEN 310141.39N 0850317.17W 30 NM RADIUS
IAF SEELY 310141.25N 0851859.88W 30 NM RADIUS
IF/IAF KUTEE 310141.56N 0851108.52W 30 NM RADIUS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (MATTHEW W.TOWNSEND)	AJV-A433	06/14/2024	AERONAUTICAL INFORMATION SPECIALIST

