

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	
MAI	VOR-A	13	MARIANNA	FL	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
111		VOR-A	04/23/2020	0E	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
MAI			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>
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MISSED APPROACH

MAP:

3.96 NM AFTER MARIANNA VORTAC OR AT MAJHY/MAI 3.96 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2000 ON HEADING 230 AND MAI VORTAC R-272 TO CHEWS INT/MAI 21.52 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | | | |
|----|---|-----------------|----------|------------|------------------|-------|-------------------|
| 1. | PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) | |
| 2. | HOLD SE MAI VORTAC, LT, 316.20 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | | |
| 3. | FAC: | 316.20 | FAF: | MAI VORTAC | DIST FAF TO MAP: | 3.96 | DIST FAF TO THLD: |
| 4. | MIN ALT: | MAI VORTAC 1800 | | | | | |
| 8. | MSA FROM: | MAI VORTAC 2500 | | | | | |

NOTES:

CHART NOTE: CIRCLING TO RWY 8, 26 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGE ALTIMETER SETTING: INCREASE ALL MDAS 80 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 092.10 INBOUND.
FAS OBST: 355 AAO 304700N/0850848W.
CHART CIRCLING ICON.



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
CIRCLING	620	1	509	620	1	509	620	1 1/2	509	900	2 1/2	789			

CHANGES - REASONS

1. MAP: UPDATED FROM "3.96 MILES AFTER MAI VORTAC OR AT MAJHY/MAI 3.96 DME FIX" TO "3.96 NM AFTER MARIANNA VORTAC OR AT MAJHY/MAI 3.96 DME" - THE WORD "FIX" WAS REMOVED AS ITS NO LONGER REQUIRED AND IAW 8260.19J 8-6-6.C.1.
2. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMBING LEFT TURN TO 2000 VIA HEADING 230 AND MAI VORTAC R-272 TO CHEWS INT/MAI 21.52 DME AND HOLD" TO "CLIMBING LEFT TURN TO 2000 ON HEADING 230 AND MAI VORTAC R-272 TO CHEWS INT/MAI 21.52 DME AND HOLD" - VIA REPLACED WITH ON IAW 8260.19J 8-6-6.D.
3. PROFILE LINE 2: UPDATED FROM "HOLD SE MAI VORTAC, LT, 316.15 INBOUND, 2000FT, IN LIEU OF PT (IAF)" TO "HOLD SE MAI VORTAC, LT, 316.20 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000" - CRS UPDATED TO ALIGN WITH FAC AND IAW 8260.19J 8-6-7.B.
4. PROFILE LINE 3: UPDATED "316.15" TO "316.20" - CRS UPDATED TO ALIGN WITH FAC AND IAW 8260.19J 8-6-7.C.
5. NOTES: UPDATED FROM "CIRCLING RWY 26 NA AT NIGHT" TO "CIRCLING TO RWY 8, 26 NA AT NIGHT" - RUNWAYS UNLIT AT NIGHT AND PER FPT REQUEST.
6. NOTES: UPDATED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING; INCREASE ALL MDAS 80 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGE ALTIMETER SETTING: INCREASE ALL MDA 80 FEET AND CIRCLING CAT D VISIBILITY 1/4 SM" - IAW 8260.19J 8-6-10.F.
7. NOTES: REMOVED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART FAS OBST: 269 TREE 304746N/0850951W" TO " FAS OBST: 355 AAO 304700N/0850848W" AND REMOVED "359 AAO 304700N/0850849W" - IAW 8260.19J 8-6-11.C.
9. ALTERNATE MINIMUMS: UPDATED FROM "STANDARD EXCEPT CAT D 800-2 1/2" TO "STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19J 8-6-12.B.
10. MINIMUMS: UPDATED HAA FOR CIRCLING CAT A, B, AND C FROM "510" TO "509" AND CAT D CIRCLING HAA FROM "790" TO "789" - AIRPORT ELEVATION UPDATED FROM "110" TO "111" AND IAW 8260.19J 8-6-12.L.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, OZR APP CON, AMGR

FLIGHT CHECKED BY

JEREMY C LEIGHTON

Digitally signed by

ROBERT G HAMILTON

Feb 10, 2025

OFFICE

AJF

DATE

01/23/2025

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



**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	VOR-A	13	MARIANNA	FL	111	MAI

PART A: OBSTRUCTION DATA SEGMENTS

FINAL

FROM

MAI VORTAC

TO

3.96 NM AFTER MARIANNA VORTAC OR AT MAJHY/MAI 3.96 DME

RNP

DISTANCE

3.96

PAT

MAP

3.96 NM AFTER MARIANNA
VORTAC OR AT MAJHY/MAI
3.96 DME

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>
AAO	304700.00N/0850848.00W	355	215	8	4B	250					620

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

MAI VORTAC

TO

P-4

RNP

DISTANCE

PAT

P-4

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 (12-003491)	304621.18N/0851054.54W	589	50	20	2C	1000				AT411	2000
TERRAIN	304048.00N/0850121.00W	252 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH

FROM
3.96 NM AFTER MARIANNA VORTAC OR AT MAJHY/MAI 3.96 DME

TO
CHEWS INT/MAI 21.52 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 370			
<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 (12-003263)	304720.00N/0851711.00W	652	500	50	5D	1000					1700
TERRAIN	304351.00N/0852909.00W	318 (300)								AS1500	1800

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

CENTER
MAI VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (01-000171)	311517.00N/0851539.00W	346	28.9	1463	250	50	4D	1000			2500

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

OZR APP CON, GNV FSS, ZJX ARTCC

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

WX REMARKS:

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

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
MAI VORTAC	AOCC	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW36 - MIRL (PCL), PAPI-4L (PCL)	NPI-F	
RW08	NPI-P	
RW26	NPI-P	
RW18 - MIRL (PCL), PAPI-4L (PCL)	PIR-F	

<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>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



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.
VEGETATION HEIGHT 100 FEET PER FPT.
VDP AND VDA NOT ESTABLISHED: FINAL IS CIRCLING ONLY.
FAC AIMING AT ARP (305017.60N/0851056.01W).
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	MAP	TO 1000FT POINT	1.96
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	316.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	200
DISTANCE FROM	MAP	TO 1500FT POINT	3.76
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.02
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	316.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	200

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	305017.60N/0851056.01W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36 DISTANCE 0.68 NM
FAF COORDINATES	304710.30N/0850728.08W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

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

