

**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.

AIRPORT ID MTH	PROCEDURE NAME RNAV (GPS) RWY 25	ORIGINAL/AMENDMENT 2	CITY MARATHON	STATE FL
AIRPORT ELEVATION 7	TDZE 7	SUPERSEDED RNAV (GPS) RWY 25	DATED 08/12/2021	MAG VAR 4W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TWNNS	IAF	LOGEY		TF	FB	1.00	270.12	16.83	2000
LOGEY	IF	WATUR	PFAF	TF	FB	1.00	251.43	6.00	1500
WATUR	FAF	RW25	MAP	TF	FO	0.30	251.32	4.56	
RW25	MAP	315 MSL		CA			251.32		
315 MSL		JANKA		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT JANKA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT LOGEY
- FAC:** 251.32 FAF: WATUR DIST FAF TO MAP: 4.56 DIST FAF TO THLD: 4.56
- MIN ALT:** LOGEY 2000, WATUR 1500
- DIST TO THLD FROM OM:** MM: IM: 150 HAT: 308 HAT: 0.84 GS ANT:
- MIN GP INCPT:** 1500 GP ALT AT PFAF: WATUR 1500 OM: MM: IM:
- GP ANGLE:** 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 40.0
- MSA FROM:** RW25 15000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 12°C OR ABOVE 54°C.

CHART NOTE: BARO-VNAV NA WHEN USING EYW ALTIMETER SETTING.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EYW ALTIMETER SETTING: INCREASE LPV DA TO 408 FEET AND ALL VISIBILITIES 1/8 SM, LNAV/VNAV DA TO 497 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV CAT C/D VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 071.19 INBOUND.

FAS OBST: 207 AAO 244451N/0805851W.

WAAS CHANNEL # 58312

REFERENCE PATH ID: W25A

LTP HAE: -20.2 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	315	1	308	315	1	308	315	1	308	315	1	308			
LNAV/VNAV DA	404	1 1/8	397	404	1 1/8	397	404	1 1/8	397	404	1 1/8	397			
LNAV MDA	460	1	453	460	1	453	460	1 3/8	453	460	1 3/8	453			
CIRCLING	460	1	453	480	1	473	620	1 3/4	613	660	2	653			



CHANGES - REASONS

1. P-NOTAM 1/7151 AND 6/3262 INCORPORATED INTO FORM - IAW 8260.19K 8-3-4C(3).
2. AIRPORT ELEVATION CHANGED FROM "5" TO "7" AND TDZE CHANGED FROM "5" TO "7" - NEW AIRPORT SURVEY.
3. TERMINAL ROUTES: LOGEY TO WATUR COURSE/DISTANCE CHANGED FROM "251.37/6.05" TO "251.32/6.00" - FAF RELOCATED.
4. TERMINAL ROUTES: ADDED "WATUR TO RW25", "RW25 TO 315 MSL", "315 MSL TO JANKA" AND DATA - IAW 8260.19K 8-6-4.
5. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3100 DIRECT JANKA AND HOLD" TO "CLIMB TO 2800 DIRECT JANKA AND HOLD" - PER ATC TO AVOID CLIMB-IN-HOLD.
6. PROFILE LINE 1: REMOVED "NA" FROM PT - NO LONGER REQUIRED.
7. PROFILE LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "4.51" TO "4.56" - FAF MOVED TO MAINTAIN GP ANGLE.
8. PROFILE LINE 5: ADDED "308 HAT 0.84" REMOVED FROM ADDITIONAL FLIGHT DATA - IAW 8260.19K 8-6-7 E (3) AND NEW AIRPORT SURVEY.
9. PROFILE LINE 6: GP ALT AT PFAF CHANGED FROM "WATUR" TO "WATUR 1500" - IAW 8260.19K 8-6-7 F.
10. PROFILE LINE 7: ADDED "20:1 IS NOT CLEAR" - IAW 8260.19K 8-6-7 G (3) (A).
11. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - IAW 8260.19K 8-6-8.
12. NOTES: REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" - NO LONGER REQUIRED.
13. NOTES: CHART NOTE CHANGED FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19K 8-6-12 K (2) AND 20:1 PENETRATORS.
14. NOTES: CHART PROFILE NOTE CHANGED FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19K 8-6-10 M (1).
15. NOTES: CHART NOTE CHANGED FROM "BARO-VNAV NA BELOW -15C (5F) AND ABOVE 48C (118F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 12°C OR ABOVE 54°C" - IAW 8260.19K 8-6-10 R AND NEW 5-YEAR HISTORY.
16. NOTES: CHART NOTE CHANGED FROM "BARO-VNAV NA WHEN USING KEY WEST INTL ALTIMETER SETTING" TO "BARO-VNAV NA WHEN USING EYW ALTIMETER SETTING" - IAW 8260.19K 8-6-10 E (8).
17. NOTES: ADDED "CHART NOTE: PROCEDURE NA AT NIGHT" - 20:1 UNLIT PENETRATIONS EXIST TO ALL RUNWAYS AND IAW 8260.19K 8-6-120(2)(A).
18. NOTES: CHART NOTE CHANGED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEY WEST INTL ALTIMETER SETTING: INCREASE LPV DA TO 408 FT, LNAV/VNAV DA TO 497 AND ALL MDAS 100 FT; INCREASE LPV ALL CATS VISIBILITY 1/2 SM, INCREASE LNAV/VNAV ALL CATS, LNAV CAT C/D, AND CIRCLING CAT C VISIBILITY 1/4 SM, AND CIRCLING CAT D VISIBILITY 1/2 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EYW ALTIMETER SETTING: INCREASE LPV DA TO 408 FEET AND ALL VISIBILITIES 1/8 SM, LNAV/VNAV DA TO 497 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV CAT C/D VISIBILITY 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/2 SM" - IAW 8260.19K 8-6-12 N.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 175 TOWER 244404N/0810047W" TO "FAS OBST 207 AAO 244451N/0805851W" - IAW 8260.19K 8-6-11 C.
20. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 143 ROD ON OL ANT 244347N/0810202W" AND "CHART 93 ANTENNA ON POLE 244355N/0810222W" - NO LONGER REQUIRED.
21. ADDITIONAL FLIGHT DATA: ADDED "LTP HAE: -20.2 M" - IAW 8260.19J 8-6-11 J.
22. MINIMUMS: LPV DA ALL CATS HAT CHANGED FROM "310" TO "308" - NEW AIRPORT SURVEY.
23. MINIMUMS: LNAV/VNAV DA ALL CATS VIS CHANGED FROM "1 1/2" TO "1 1/8" AND ALL CATS HAT FROM "399" TO "397" - IAW 8260.3G TABLE 3-3-1 AND NEW AIRPORT SURVEY.
24. MINIMUMS: LNAV MDA ALL CATS MDA/HAT CHANGED FROM "440/435" TO "460/453" - NEW CONTROLLING OBSTACLE.
25. MINIMUMS: CIRCLING HAA CHANGED CAT A FROM "455" TO "453", CAT B FROM "475" TO "473", CAT C FROM "615" TO "613" AND CAT D FROM "655" TO "653" - NEW AIRPORT SURVEY.
26. CRC REMAINDER CHANGED FROM "2F30A8A8" TO "F147459E" - LTP/FTP LATITUDE CHANGED FROM "244343.8365N" TO "244344.2065N", LTP/FTP LONGITUDE CHANGED FROM "0810239.8720W" TO "0810240.0420W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "-00208" TO "-00202", FPAP LATITUDE CHANGED FROM "244309.3200N" TO "244309.6925N" AND FPAP LONGITUDE CHANGED FROM "0810410.1400W" TO "0810410.3110W".

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZMA, MTH AMGR

FLIGHT CHECKED BY

Adam K Stalvey

Digitally signed by
ROBERT G HAMILTON
 May 28, 2026

OFFICE

AJF

DATE

5/21/2026

DEVELOPED BY

RAKE MCGRAW (EMMANUEL R. GONZALES)

Digitally signed by
ROBERT G HAMILTON
 May 28, 2026

OFFICE

AJV-A431

DATE

02/06/2026

APPROVED BY

RAKE MCGRAW

Digitally signed by
ROBERT G HAMILTON
 May 28, 2026

OFFICE

AJV-A422

DATE

**TITLE
MANAGER**



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMTH
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	244344.2065N
LTP/FTP LONGITUDE	0810240.0420W
LTP/FTP ELLIPSOIDAL HEIGHT	-00202
FPAP LATITUDE	244309.6925N
FPAP LONGITUDE	0810410.3110W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER F147459E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00022
FPAP ORTHOMETRIC HEIGHT	+00022



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

<u>AIRPORT ID</u> MTH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>AMDT NO.</u> 2	<u>CITY</u> MARATHON	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 7	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM TWNNS **TO** LOGEY

RNP 1.00 DISTANCE 16.83 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-001052)	244917.50N/0804905.90W	280	50	20	2C	1000				AT720	2000
TERRAIN	244915.00N/0804921.00W	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 LOGEY **TO** WATUR

RNP 1.00 DISTANCE 6.00 PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002946)	244536.42N/0805721.19W	269	500	50	5D	500					800
TERRAIN	244727.00N/0805306.00W	16 (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
MTH

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
2

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

FINAL: LPV

FROM
WATUR

TO
RW25

RNP
0.30

DISTANCE
4.56

PAT

MAP
DA

HAT
308

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (12-032008)	244358.22N/0810217.59W	94	20	10	1B		34.00:1			SA-6 XP44	315

COMPUTATIONS

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

SEGMENT REMARKS:

XP- TO MAINTAIN CURRENT MINIMUMS PER MANAGEMENT.

FINAL: LNAV/VNAV

FROM
WATUR

TO
RW25

RNP
0.30

DISTANCE
4.56

PAT

MAP
DA

HAT
397

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	244336.00N/0810127.00W	104	215	8	4B		20.82:1			XP33 AC8	404

COMPUTATIONS

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

SEGMENT REMARKS:

XP- TO MAINTAIN CURRENT MINIMUMS PER MANAGEMENT.



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
2

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

FINAL: LNAV

FROM
WATUR

TO
RW25

RNP
0.30

DISTANCE
4.56

PAT

MAP
RW25

HAT
453

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	244451.00N/0805851.00W	207	215	8	4B	250					460

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
JANKA

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
103

<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				2800
TOWER (12-000722)	244131.30N/0810630.40W	352	50	3	2A	1000					1400
TERRAIN	244227.00N/0810727.00W	22 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



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MTH

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RNAV (GPS) RWY 25

AMDT NO.
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CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
JANKA

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
243

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2800
TOWER (12-000722)	244131.30N/0810630.40W	352	50	3	2A	1000					1400
TERRAIN	244227.00N/0810727.00W	22 (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
RW25 **TO**
JANKA

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
360

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2800
TOWER (12-000722)	244131.30N/0810630.40W	352	50	3	2A	1000					1400
TERRAIN	244227.00N/0810727.00W	22 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



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FACILITY
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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											
TOWER (12-022729)	244303.89N/0810417.80W	1.30	453	145	20	3	1A	300			460
CATEGORY B											
TOWER (12-002549)	244404.24N/0810046.97W	1.81	473	174	50	20	2C	300			480
CATEGORY C											
TOWER (12-002781)	244226.40N/0810616.00W	2.83	613	320	50	3	2A	300			620
CATEGORY D											
TOWER (12-000722)	244131.30N/0810630.40W	3.70	653	352	50	3	2A	300			660

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
RW25 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TETHERED_BALLOON (12-001373)	244205.00N/0813031.00W	270	25.4	14000	6000	1000	8H	1000			15000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMA ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MTH	24	MTH		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	EYW	24	EYW	40.03	Y	93

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMTX 7, KEYW 3
RA = 92.7.

PRIMARY NAVAID **MONITOR POINT** **HRS OPERATION** **CAT**



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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW07 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW25 - MIRL (PCL), PAPI-4L (PCL)	NPI-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
7.3

TCH
40.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
25.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW
+12C

CRITICAL HIGH
+54C

ACT
+12C

APT ISA
+14.99C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2021-2025).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1259.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 25	
20:1		
35 TREE (12-028596) 244348.6400N/0810235.5000W (9.75)	32 TREE (12-250567) 244348.4500N/0810235.5200W (7.2)	
19 TREE (12-250337) 244347.2500N/0810237.8500W (6.45)	33 TREE (12-250517) 244348.6400N/0810235.1700W (6.35)	
24 TREE (12-250447) 244347.7800N/0810236.7300W (5.66)	32 TREE (12-250372) 244348.6300N/0810235.0400W (4.81)	
32 TREE (12-250428) 244348.6300N/0810234.9300W (4.34)	28 TREE (12-250466) 244348.3600N/0810235.6400W (3.89)	
24 TREE (12-250386) 244347.9700N/0810236.3000W (3.46)	19 TREE (12-250514) 244347.4400N/0810237.2100W (3.36)	
25 TREE (12-250882) 244348.1400N/0810236.0600W (3.1)	20 TREE (12-250613) 244347.7100N/0810237.0100W (2.98)	
31 TREE (12-250588) 244348.5800N/0810234.8000W (2.89)	27 TREE (12-250666) 244348.2100N/0810235.4200W (2.25)	
15 TREE (12-250359) 244347.2100N/0810237.7500W (2.1)	18 TREE (12-250421) 244347.6700N/0810237.1000W (1.44)	
FINAL TYPE	CIRCLING RWY 7	
20:1		
20 TREE (12-250423) 244325.4800N/0810334.8400W (5.29)	16 TREE (12-251075) 244325.8100N/0810334.2300W (4.53)	
17 TREE (12-250408) 244325.7100N/0810334.6100W (3.72)	14 TREE (12-250859) 244325.5900N/0810334.3300W (1.67)	
17 TREE (12-250342) 244325.3600N/0810334.9600W (1.55)	21 TREE (12-250409) 244325.0600N/0810335.8300W (1.26)	
14 TREE (12-250382) 244325.5000N/0810334.5700W (0.48)	20 TREE (12-250376) 244325.1500N/0810335.9100W (0.1)	
FINAL TYPE	LPV, LNAV/VNAV, LNAV	
20:1		



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FACILITY
RNAV

35 TREE (12-028596) 244348.6400N/0810235.5000W (9.75)	32 TREE (12-250567) 244348.4500N/0810235.5200W (7.2)
19 TREE (12-250337) 244347.2500N/0810237.8500W (6.45)	33 TREE (12-250517) 244348.6400N/0810235.1700W (6.35)
24 TREE (12-250447) 244347.7800N/0810236.7300W (5.66)	32 TREE (12-250372) 244348.6300N/0810235.0400W (4.81)
32 TREE (12-250428) 244348.6300N/0810234.9300W (4.34)	28 TREE (12-250466) 244348.3600N/0810235.6400W (3.89)
24 TREE (12-250386) 244347.9700N/0810236.3000W (3.46)	19 TREE (12-250514) 244347.4400N/0810237.2100W (3.36)
25 TREE (12-250882) 244348.1400N/0810236.0600W (3.1)	20 TREE (12-250613) 244347.7100N/0810237.0100W (2.98)
31 TREE (12-250588) 244348.5800N/0810234.8000W (2.89)	27 TREE (12-250666) 244348.2100N/0810235.4200W (2.25)
15 TREE (12-250359) 244347.2100N/0810237.7500W (2.1)	18 TREE (12-250421) 244347.6700N/0810237.1000W (1.44)
FINAL TYPE LPV, LNAV/VNAV, LNAV	
34:1	
94 TREE (12-032008) 244358.2200N/0810217.5900W (20.36)	77 TREE (12-032006) 244348.6600N/0810217.3200W (13.64)
75 TOWER (12-022726) 244355.1500N/0810220.2400W (11.51)	44 TREE (12-250814) 244350.9300N/0810230.6100W (11.29)
25 TREE (12-250339) 244348.2400N/0810234.9800W (6.3)	18 TREE (12-250331) 244347.9000N/0810236.8100W (4.27)
17 TREE (12-250964) 244347.7700N/0810236.4900W (2.62)	56 TANK (12-022724) 244354.6700N/0810223.6900W (1.69)
18 TREE (12-250401) 244348.1100N/0810235.5900W (0.98)	17 TREE (12-250826) 244348.0000N/0810235.9000W (0.88)
61 TREE (12-028662) 244348.3400N/0810218.2700W (0.38)	
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:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TAA NOT DEVELOPED PER FPT.

100 FT VEGETATION PER FPT.

VDP NOT ESTABLISHED – OBSTACLES PENETRATE 20:1 SURFACE.

SHIPS TO THE SOUTHEAST AND DOCKING AT KEY WEST 195', SHIPS TO THE NORTHWEST 75', AND SAILING SHIPS IN THE MOOR ON MARATHON KEY LIMITED TO 50', PER FPT. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 25

AMDT NO.
2

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

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	2.99
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	247.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.56
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	247.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	244344.21N/0810240.04W
ARP COORDINATES	244334.63N/0810305.10W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 25 DISTANCE 0.41 NM
FAF COORDINATES	244530.14N/0805802.66W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RAKE MCGRAW (EMMANUEL R. GONZALES)	AJV-A431	02/06/2026	AERONAUTICAL INFORMATION SPECIALIST

