

**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 7	ORIGINAL/AMENDMENT 1	CITY MARATHON	STATE FL
AIRPORT ELEVATION 7	TDZE 6	SUPERSEDED RNAV (GPS) RWY 7	DATED 09/09/2021	MAG VAR 4W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
CARNU		JANKA		TF	FO	1.00	177.31	29.69	2800
JANKA	IF/IAF	SEGLE		TF	FB	1.00	071.13	6.27	1900
SEGLE	FAF	RW07	MAP	TF	FO	0.30	071.24	5.82	
RW07	MAP	381 MSL		CA			071.24		
381 MSL		LOGEY		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT LOGEY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD W JANKA, RT, 071.19 INBOUND, 2800 IN LIEU OF PT (IAF), MAX 10000.
- FAC:** 071.24 **FAF:** SEGLE **DIST FAF TO MAP:** 5.82 **DIST FAF TO THLD:** 5.82
- MIN ALT:** JANKA 2800, SEGLE 1900
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **375 HAT:** 1.05 **GS ANT:**
- MIN GP INCPT:** 1900 **GP ALT AT PFAF:** SEGLE 1900 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:** 40.0
- MSA FROM:** RW07 15000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 12°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARNU ON V-157 NORTHEAST BOUND.
 CHART NOTE: BARO-VNAV NA WHEN USING EYW ALTIMETER SETTING.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EYW ALTIMETER SETTING: INCREASE LPV DA TO 482 FEET AND ALL VISIBILITIES 1/4 SM, LNAV/VNAV DA TO 474 FEET AND ALL VISIBILITIES 3/8 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 E, RT, 251.37 INBOUND.
 CHART FAS OBST: 320 TOWER (12-002781) 244226N/0810616W.
 WAAS CHANNEL # 99605
 REFERENCE PATH ID: W07A
 LTP HAE: -20.7 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	389	1 1/8	383	389	1 1/8	383	389	1 1/8	383	389	1 1/8	383				
LNAV/VNAV DA	381	1	375	381	1	375	381	1	375	381	1	375				
LNAV MDA	600	1	594	600	1	594	600	1 3/4	594	600	1 3/4	594				
CIRCLING	600	1	593	600	1	593	620	1 3/4	613	660	2	653				



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "5" TO "7" AND TDZE CHANGED FROM "5" TO "6" - NEW AIRPORT SURVEY.
2. TERMINAL ROUTES: CARNU TO JANKA ALTITUDE CHANGED FROM "3100" TO "2800" - PER ATC TO ALIGN WITH OPPOSITE MISSED APPROACH HOLD.
3. TERMINAL ROUTES: CHANGED JANKA TO SEGLE COURSE FROM "071.19" TO "071.13", DISTANCE FROM "6.36" TO "6.27" AND SEGLE TO RW07 DISTANCE FROM "5.73" TO "5.82" - FAF RELOCATED.
4. TERMINAL ROUTES: CHANGED ROUTE FROM "RW07 TO 389 MSL" TO "RW07 TO 381 MSL" - NEW MINIMUMS.
5. PROFILE LINE 2: HOLD ALTITUDE CHANGED FROM "3100" TO "2800" - PER ATC TO ALIGN WITH OPPOSITE MISSED APPROACH HOLD.
6. PROFILE LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "5.73" TO "5.82" - FAF MOVED TO MAINTAIN GP ANGLE.
7. PROFILE LINE 4: MIN ALT CHANGED FROM "JANKA 3100" TO "JANKA 2800" - IAW 8260.19K 8-6-7 D.
8. PROFILE LINE 5: CHANGED FROM "384 HAT: 1.06" TO "375 HAT: 1.05" - IAW 8260.19K 8-6-7 E (3) AND NEW MINIMUMS.
9. PROFILE LINE 7: 20:1 CHANGED FROM "IS CLEAR" TO "IS NOT CLEAR" - 20:1 OBSTACLES.
10. NOTES: CHART NOTE CHANGED FROM "RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - 20:1 OBSTACLES.
11. 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).
12. NOTES: CHART NOTE CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 12°C OR ABOVE 54°C" - NEW 5-YEAR HISTORY.
13. NOTES: ADDED "CHART NOTE: PROCEDURE NA AT NIGHT" - 20:1 UNLIT PENETRATIONS EXIST TO ALL RUNWAYS AND IAW 8260.19K 8-6-12O(2)(A).
14. NOTES: CHART NOTE CHANGED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEY WEST INTL ALTIMETER SETTING: INCREASE LPV DA TO 482 FEET, LNAV/VNAV DA TO 534 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 SM, INCREASE ALL MDAS 100 FEET AND LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 SM AND CIRCLING CAT D 1/2 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EYW ALTIMETER SETTING: INCREASE LPV DA TO 482 FEET AND ALL VISIBILITIES 1/4 SM, LNAV/VNAV DA TO 474 FEET AND ALL VISIBILITIES 3/8 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.
15. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
16. ADDITIONAL FLIGHT DATA: REMOVED "CHART VDP AT 1.74 NM TO RW07" - 20:1 OBSTACLES.
17. ADDITIONAL FLIGHT DATA: LTP HAE CHANGED FROM "-20.9 M" TO "-20.7 M" - RUNWAY MOVED 40 FEET.
18. MINIMUMS: LPV DA ALL CATS HAT CHANGED FROM "384" TO "383" - NEW AIRPORT SURVEY.
19. MINIMUMS: CHANGED LNAV/VNAV DA ALL CATS DA/HAT FROM "441/436" TO "381/375" AND VIS ALL CATS FROM "1 ¼" TO "1" - IAW 8260.3G TABLE 3-3-1 AND NEW CONTROLLING OBSTACLE.
20. MINIMUMS: LNAV MDA ALL CATS MDA CHANGED FROM "595" TO "594" - NEW AIRPORT SURVEY.
21. MINIMUMS: CIRCLING HAA CHANGED CAT A/B FROM "595" TO "593", CAT C FROM "615" TO "613" AND CAT D FROM "655" TO "653" - NEW AIRPORT SURVEY.
22. CRC REMAINDER CHANGED FROM "67F3FA86" TO "59648A99" - LTP/FTP LATITUDE CHANGED FROM "244324.6800N" TO "244325.0510N", LTP/FTP LONGITUDE CHANGED FROM "0810329.9800W" TO "0810330.1485W", LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "-00209" TO "-00207", FPAP LATITUDE CHANGED FROM "244359.1900N" TO "244359.5580N", FPAP LONGITUDE CHANGED FROM "0810159.7040W" TO "0810159.8735W", LTP ORTHOMETRIC HEIGHT CHANGED FROM "+00014" TO "+00017" AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+00014" TO "+00017".

COORDINATED WITH:

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

FLIGHT CHECKED BY

Digitally signed by
ROBERT G HAMILTON
 May 28, 2026

OFFICE

AJF

DATE

5/21/2026

DEVELOPED BY

RAKE MCGRAW (EMMANUEL R. GONZALES)

ROBERT G HAMILTON

May 28, 2026

OFFICE

AJV-A431

DATE

01/26/2026

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	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	244325.0510N
LTP/FTP LONGITUDE	0810330.1485W
LTP/FTP ELLIPSOIDAL HEIGHT	-00207
FPAP LATITUDE	244359.5580N
FPAP LONGITUDE	0810159.8735W
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 59648A99

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00017
FPAP ORTHOMETRIC HEIGHT	+00017



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

<u>AIRPORT ID</u> MTH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 1	<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

FEEDER

<u>FROM</u> CARNU	<u>TO</u> JANKA
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<u>RNP</u> 1.00	<u>DISTANCE</u> 29.69	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	243924.00N/0811751.00W	230	215	8	4B	1000				AT1570	2800
TERRAIN	243924.00N/0811751.00W	29 (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>
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SEGMENT REMARKS:

INTERMEDIATE

<u>FROM</u> JANKA (IF/IAF)	<u>TO</u> SEGLE
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<u>RNP</u> 1.00	<u>DISTANCE</u> 6.27	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	243918.00N/0811651.00W	223	215	8	4B	500				DG1177	1900
TERRAIN	244057.00N/0811345.00W	16 (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>
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SEGMENT REMARKS:



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

FINAL: LPV

FROM
SEGLE

TO
RW07

RNP
0.30

DISTANCE
5.82

PAT

MAP
DA

HAT
383

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-022729)	244303.89N/0810417.80W	145	20	3	1A		34.00:1			MA74	389

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
SEGLE

TO
RW07

RNP
0.30

DISTANCE
5.82

PAT

MAP
DA

HAT
375

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	244236.55N/0810417.27W	100	50	20	2C		20.82:1			AC20	381

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 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

FINAL: LNAV

FROM
SEGLE

TO
RW07

RNP
0.30

DISTANCE
5.82

PAT

MAP
RW07

HAT
594

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002781)	244226.40N/0810616.00W	320	50	3	2A	250				XP30	600

COMPUTATIONS

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

SEGMENT REMARKS:

XP-ADJUSTMENT TO MAINTAIN CURRENT MINS PER MANAGEMENT.

HOLD-IN-LIEU OF PT

FROM
JANKA

TO
P-5

RNP

DISTANCE

PAT
P-5

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-000180)	244029.90N/0812139.10W	373	50	20	2C	1000				AT1427	2800
TERRAIN	243924.00N/0811751.00W	29 (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 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

MISSED APPROACH: LPV

FROM DA **TO** LOGEY

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
143

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-022729)	244303.89N/0810417.80W	145	20	3	1A		ASC				2000
TOWER (12-002946)	244536.42N/0805721.19W	269	500	50	5D	1000					1300
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:

MISSED APPROACH: LNAV/VNAV

FROM DA **TO** LOGEY

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
220

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (12-002946)	244536.42N/0805721.19W	269	500	50	5D	1000					1300
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 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM RW07 **TO** LOGEY

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
500

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
TOWER (12-002946)	244536.42N/0805721.19W	269	500	50	5D	1000					1300
TERRAIN	244727.00N/0805306.00W	16 (0)								AS1500	1500

COMPUTATIONS

ALT **CIAS** **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											
TOWER (12-022729)	244303.89N/0810417.80W	1.30	593	145	20	3	1A	300		SI	600
CATEGORY B											
TOWER (12-002549)	244404.24N/0810046.97W	1.81	593	174	50	20	2C	300		SI	600
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 RW07 **RADIUS** 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	271	24.6	14000	6000	1000	8H	1000			15000

MSA REMARKS:



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMA ARTCC, MIA FSS

WX SERVICE
ASOS

LOCATION
MTH

HRS OPERATION
24

ALTIMETER SOURCE
MTH

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
EYW

HRS OPERATION
24

ALTIMETER SOURCE
EYW

DISTANCE
40.03

WMSCR
Y

ADJUSTMENTS
93

WX REMARKS:

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

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

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

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
5.6

TCH
40.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
25.4

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 07
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)



<u>AIRPORT ID</u> MTH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 1	<u>CITY</u> MARATHON	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 7	<u>FACILITY</u> RNAV
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14 TREE (12-250382) 244325.5000N/0810334.5700W (0.48)	20 TREE (12-250376) 244325.1500N/0810335.9100W (0.1)
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	LPV, LNAV/VNAV, LNAV
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
34:1	
142 TOWER (12-250471) 244303.3600N/0810407.1800W (24.78)	140 POLE (12-027068) 244303.3590N/0810407.1960W (22.74)
28 TREE (12-250931) 244324.3000N/0810338.3000W (7.03)	25 TREE (12-251047) 244324.8500N/0810337.8000W (5.92)
23 TREE (12-250870) 244324.8500N/0810337.0100W (5.89)	21 TREE (12-250379) 244324.9500N/0810336.4000W (5.53)
30 TREE (12-250340) 244323.5700N/0810339.4500W (5.32)	22 TREE (12-250426) 244324.7900N/0810336.8300W (5.27)
22 TREE (12-250438) 244324.6400N/0810336.9600W (4.78)	56 TOWER (12-022707) 244319.2100N/0810348.0700W (4.76)
19 TREE (12-250738) 244325.0200N/0810335.9900W (4.64)	22 TREE (12-250343) 244324.8100N/0810337.1300W (4.55)
22 TREE (12-250768) 244324.6900N/0810337.2000W (4.23)	16 TREE (12-250451) 244325.4800N/0810335.1800W (4.19)
24 TREE (12-250422) 244324.3400N/0810337.8700W (4.16)	19 TREE (12-250360) 244324.9600N/0810336.1600W (4.14)
66 TREE (12-032139) 244314.3600N/0810350.1100W (4.09)	49 POLE (12-250773) 244321.9000N/0810346.8300W (3.94)
31 TREE (12-250903) 244323.4300N/0810340.3500W (3.91)	24 TREE (12-250361) 244324.3300N/0810338.2000W (3.32)
14 TREE (12-250674) 244325.6700N/0810334.8400W (3.26)	28 TREE (12-250633) 244323.7900N/0810339.6000W (3.2)
16 TREE (12-250946) 244325.1800N/0810335.4900W (3.07)	19 TREE (12-250378) 244325.0800N/0810336.6500W (3.06)
23 TREE (12-250329) 244324.4500N/0810338.0400W (2.86)	28 TREE (12-250335) 244323.6300N/0810339.9500W (2.14)
18 TREE (12-250391) 244324.6900N/0810336.5200W (1.93)	145 TOWER (12-022729) 244303.8900N/0810417.8000W (1.82)
26 TREE (12-250677) 244323.8600N/0810339.4200W (1.73)	16 TREE (12-250916) 244325.2100N/0810336.2600W (1.18)
13 TREE (12-250849) 244325.5000N/0810335.2500W (1.04)	20 TREE (12-250644) 244324.6100N/0810337.6600W (0.99)



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

26 TREE (12-250937) 244323.9400N/0810339.9200W (0.57)	19 TREE (12-250810) 244324.6100N/0810337.5400W (0.29)
20 TREE (12-251041) 244324.6800N/0810338.0000W (0.22)	23 TREE (12-250620) 244323.9900N/0810338.9300W (0.1)
24 TREE (12-250457) 244323.9400N/0810339.3400W (0.02)	

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.

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.

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	3.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	067.24
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	5.02
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	067.24
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)

244325.05N/0810330.15W

ARP COORDINATES

244334.63N/0810305.10W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 25 DISTANCE 0.41 NM

FAF COORDINATES

244109.59N/0810924.01W

FIX NAME COORDINATES

REMARKS



AIRPORT ID
MTH

PROCEDURE NAME
RNAV (GPS) RWY 7

AMDT NO.
1

CITY
MARATHON

STATE
FL

AIRPORT ELEVATION
7

FACILITY
RNAV

PART E: PREPARED BY

NAME

RAKE MCGRAW (EMMANUEL R. GONZALES)

OFFICE

AJV-A431

DATE

01/26/2026

TITLE

AERONAUTICAL INFORMATION SPECIALIST

