

**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> KMTH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> MARATHON	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 5	<u>TDZE</u> 5	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
CARNU		JANKA		TF	FO	1.00	177.31	29.69	3100
JANKA	IF/IAF	SEGLE		TF	FB	1.00	071.19	6.36	1900
SEGLE	FAF	RW07	MAP	TF	FO	0.30	071.24	5.73	
RW07	MAP	389 MSL		CA			071.24		
389 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:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W JANKA, RT, 071.19 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAF: 071.24FAF: SEGLEDIST FAF TO MAP: 5.73DIST FAF TO THLD: 5.73

4. MIN ALT: JANKA 3100, SEGLE 1900

5. DIST TO THLD FROM OM:MM:IM:150 HAT:384 HAT: 1.06GS ANT:

6. MIN GP INCPT: 1900GP ALT AT FAF : SEGLE 1900OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW07 15000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING KEY WEST INTL ALTIMETER SETTING.
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
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 CARNU ON V-157 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: 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.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 320 TOWER (12-002781) 244226N/0810616W
CHART VDP AT 1.74 NM TO RW07
HOLD E, RT, 251.37 INBOUND.
WAAS CHANNEL # 99605
REFERENCE PATH ID: W07A
CHART CIRCLING ICON.
LTP HAE: -20.9 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	384	389	1 1/8	384	389	1 1/8	384	389	1 1/8	384			
LNAV/VNAV DA	441	1 1/4	436	441	1 1/4	436	441	1 1/4	436	441	1 1/4	436			
LNAV MDA	600	1	595	600	1	595	600	1 3/4	595	600	1 3/4	595		QUALITY 16 CHECKED	
CIRCLING	600	1	595	600	1	595	620	1 3/4	615	660	2	655			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM 6/3261 INTO FORM - IAW 8260.19I 8-3-4.C (3).
2. ADDED CA LEG 389 TO TERMINAL ROUTES - IAW 8260.58A 3-5-2.
3. ADDED "MAX 10000" TO PROFILE LINE 2 - IAW 8260.19I 8-6-7.B (2).
4. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - IAW 8260.19I 8-6-7.G (3).
5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I 8-6-8.B (2).
6. AMENDED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 49°C (120°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.19I 8-6-9.R.
7. UPDATED HELICOPTER VISIBILITY NOTE FROM "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA." TO "CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19I, 8-6-11.K (3).
8. UPDATED NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KEY WEST INTL ALTIMETER SETTING AND INCREASE ALL DAS 93 FEET, INCREASE ALL MDAS 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CATS C AND D VISIBILITY 1/2 MILE, AND CIRCLING CAT C VISIBILITY 1/2 MILE, CIRCLING CAT D VISIBILITY 1/4 MILE." TO "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." - UPDATED VISCHECKS.
9. DELETED "CHART FAS OBST: 145 ROD ON OL ANT 244304N/081 0418W" FROM ADDITIONAL FLIGHT DATA - ONLY NON-PRECISION OBSTACLES ARE DOCUMENTED IAW 8260.19I 8-6-10.C.
10. REPLACED "CHART FAS OBST: 336 TOWER 244226N/0810616W" WITH "CHART FAS OBST: 320 TOWER (12-002781) 244226N/0810616W" IN ADDITIONAL FLIGHT DATA - REVISED OBSTACLE DATA AND 8260.19I 8-6-10.C.
11. REMOVED "CHART WAAS SYMBOL" FROM ADDITIONAL FLIGHT DATA - WAAS COVERAGE SUFFICIENT PER WAAS WEBSITE.
12. ADDED "CHART VDP AT 1.74 NM TO RW07" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.M.
13. CRC REMAINDER UPDATED FROM 5ED4F2CA TO 67F3FA86 - FPAP LONGITUDE CHANGED FROM 0810159.71W TO 0810159.7040W.
14. CHANGED LPV VISIBILITY FROM 1 1/4 TO 1 1/8, LNAV/VNAV VISIBILITY FROM 1 1/2 TO 1 1/4 AND LNAV AND CIRCLING CAT C VISIBILITIES FROM 1 1/2 TO 1 3/4 - NEW INOP TABLE APPLIED.
15. CHART CIRCLING ICON - APPLIED NEW CIRCLING CRITERIA, NEW CIRCLING CONTROLLERS NO CHANGE IN MINS.

COORDINATED WITH:A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMA, MTH AMGR**FLIGHT CHECKED BY**

COLIN D HENDERSON

*Digitally signed by***DONALD H LANIER**

Jul 06, 2021

OFFICE

FICO

DATE

07/01/2021

DEVELOPED BYDONALD H. LANIER (COLE NESBITT) *Digitally signed by***OFFICE**

AJV-A431

DATE

07/14/2020

APPROVED BYLONNIE EVERHART *Digitally signed by* Jul 06, 2021**OFFICE**

AJV-A430

DATE**TITLE**
MANAGER**DONALD H LANIER**

Jul 06, 2021



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	244324.6800N
LTP/FTP LONGITUDE	0810329.9800W
LTP/FTP ELLIPSOIDAL HEIGHT	-00209
FPAP LATITUDE	244359.1900N
FPAP LONGITUDE	0810159.7040W
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	67F3FA86

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00014
FPAP ORTHOMETRIC HEIGHT	+00014



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

<u>AIRPORT ID</u> KMTN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> MARATHON	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 5	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TO
CARNU JANKA

<u>RNP</u>	<u>DISTANCE</u> 29.69	<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>
1.TOWER (12-002166)	243902.60N/0811834.80W		364	50	20	2C	1000				AT1736	3100
2.TERRAIN	244927.00N/0811915.00W		7 (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 TO
JANKA (IF/IAF) SEGLE

<u>RNP</u>	<u>DISTANCE</u> 6.36	<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>
3.AAO	244057.00N/0811348.00W		207	164	98	4E	500				DG1193	1900
4.TERRAIN	244057.00N/0811348.00W		7 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LPV

FROM
SEGLE

TO
RW07

<u>RNP</u>	<u>DISTANCE</u> 5.73	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 384			<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>
5.TOWER (12-022729)	244303.89N/0810417.80W		145	20	3	1A		33.44:1			XP244	389

COMPUTATIONS

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

XP ADJUSTED TO MAINTAIN MINS.

FINAL: LNAV/VNAV

FROM
SEGLE

TO
RW07

<u>RNP</u>	<u>DISTANCE</u> 5.73	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 436			<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>
5.TOWER (12-022729)	244303.89N/0810417.80W		145	20	3	1A		24.60:1			XP135	441

COMPUTATIONS

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

XP ADJUSTED TO MAINTAIN MINS.



FINAL: LNAV

FROM

SEGLE

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.73		RW07		595							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.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
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SEGMENT REMARKS:

XP ADJUSTED TO MAINTAIN MINS.
HOLD-IN-LIEU OF PT

FROM

JANKA

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (12-000180)	244029.90N/0812139.10W		373	50	20	2C	1000				AT1727	3100
8.TERRAIN	244136.00N/0811857.00W		7 (0)								AS1500	1500

COMPUTATIONS

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



MISSED APPROACH : LPV

FROM
DA

TO
LOGEY

RNP	DISTANCE	PAT	MAP	HAT			HMAS 142					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				
9.TOWER (12-002946)	244536.42N/0805721.19W		269	500	50	5D	1000					1300
10.TERRAIN	244521.00N/0810015.00W		7 (0)								AS1500	1500

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

MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
LOGEY

RNP	DISTANCE	PAT	MAP	HAT			HMAS 280					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				
9.TOWER (12-002946)	244536.42N/0805721.19W		269	500	50	5D	1000					1300
10.TERRAIN	244521.00N/0810015.00W		7 (0)								AS1500	1500

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



MISSED APPROACH : LNAV

FROM

RW07

TO

LOGEY

RNP	DISTANCE	PAT	MAP	HAT			HMAS 500					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				
9.TOWER (12-002946)	244536.42N/0805721.19W		269	500	50	5D	1000					1300
10.TERRAIN	244521.00N/0810015.00W		7 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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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											
5.TOWER (12-022729)	244303.89N/0810417.80W	1.30	595	145	20	3	1A	300		SI	600
CATEGORY B											
11.TOWER (12-002549)	244404.24N/0810046.97W	1.81	595	174	50	20	2C	300		SI	600
CATEGORY C											
6.TOWER (12-002781)	244226.40N/0810616.00W	2.83	615	320	50	3	2A	300			620
CATEGORY D											
12.TOWER (12-000722)	244131.30N/0810630.40W	3.70	655	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				1000			15000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

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.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZMA ARTCC, MIA FSS

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KMTH	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMTH	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KEYW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KEYW	<u>DISTANCE</u> 40.028	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 93

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KMTH 5, KEYW 3
RA = 92.5

<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>
RW07 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW25 - MIRL (PCL), PAPI-4L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 4.6	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 23.7
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +14.99C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 971 HIGH TEMP 1260.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, NPA		
34:1			
140 POLE (12-027068) 244303.36N/0810407.20W (23.73)		56 TOWER (12-022707) 244319.21N/0810348.07W (5.76)	
66 TREE (12-032139) 244314.36N/0810350.11W (5.09)		40 TREE (12-029276) 244322.02N/0810343.71W (3.89)	
145 TOWER (12-022729) 244303.89N/0810417.80W (2.82)			

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.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID</div> <div>KMTH</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) RWY 7</div>	<div>AMDT NO.</div> <div>ORIG-B</div>	<div>CITY</div> <div>MARATHON</div>	<div>STATE</div> <div>FL</div>	<div>AIRPORT ELEVATION</div> <div>5</div>	<div>FACILITY</div> <div>RNAV</div>
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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	4.93
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)

244324.68N/0810329.98W

ARP COORDINATES

244334.30N/0810304.90W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 7 DISTANCE 0.41 NM

FAF COORDINATES

244111.25N/0810918.47W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY

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PART E: PREPARED BY

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