

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
MTH	MARATHON	FL	2	

TAKEOFF MINIMUMS:

RWY 7: STANDARD.

RWY 25: 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 255 FT/NM TO 500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 7: CLIMB ON HEADING BETWEEN 300.00 CW 245.00 FROM DEPARTURE END OF RUNWAY.

RWY 25: CLIMB ON HEADING BETWEEN 075.00 CW 245.00 FROM DEPARTURE END OF RUNWAY.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7: POLES, TREE BEGINNING 119 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/44 FT MSL.

VEGETATION 165 FT FROM DER, 322 FT RIGHT OF CENTERLINE, 16 FT MSL.

TREE 337 FT FROM DER, 529 FT RIGHT OF CENTERLINE, 40 FT MSL.

TREES, POLES BEGINNING 495 FT FROM DER, 291 FT LEFT OF CENTERLINE, UP TO 59 FT MSL.

POLE, BUILDING, TREE BEGINNING 726 FT FROM DER, 323 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/46 FT MSL.

POLES, TOWER, TREES BEGINNING 1233 FT FROM DER, 349 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/88 FT MSL.

POLE, TANK BEGINNING 1660 FT FROM DER, 432 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/66 FT MSL.

TOWER 2110 FT FROM DER, 354 FT LEFT OF CENTERLINE, 69 FT AGL/75 FT MSL.

POLE, TREE BEGINNING 2360 FT FROM DER, 565 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/96 FT MSL.

TREE 2402 FT FROM DER, 905 FT LEFT OF CENTERLINE, 82 FT MSL.

TREE 2455 FT FROM DER, 546 FT LEFT OF CENTERLINE, 94 FT MSL.

TOWER BEGINNING 3270 FT FROM DER, 1032 FT RIGHT OF CENTERLINE, UP TO 123 FT AGL/128 FT MSL.

NOTE: RWY 25: POLE 47 FT FROM DER, 476 FT RIGHT OF CENTERLINE, 34 FT AGL/36 FT MSL.

TREE 122 FT FROM DER, 224 FT RIGHT OF CENTERLINE, 37 FT MSL.

TREE, POLE BEGINNING 223 FT FROM DER, 345 FT LEFT OF CENTERLINE, UP TO 30 FT MSL.

TREES, POLES BEGINNING 693 FT FROM DER, 241 FT RIGHT OF CENTERLINE, UP TO 65 FT MSL.

TREES BEGINNING 1174 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 46 FT MSL.

POLE 1237 FT FROM DER, 682 FT LEFT OF CENTERLINE, 59 FT AGL/64 FT MSL.

TREE, TOWER BEGINNING 1494 FT FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 72 FT MSL.

POLE, TREES, TOWER BEGINNING 1545 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/67 FT MSL.

TREE 2572 FT FROM DER, 397 FT LEFT OF CENTERLINE, 73 FT MSL.

TOWER 2952 FT FROM DER, 744 FT LEFT OF CENTERLINE, 74 FT AGL/82 FT MSL.

POLE 3996 FT FROM DER, 659 FT LEFT OF CENTERLINE, 136 FT AGL/140 FT MSL.

TOWER 4878 FT FROM DER, 232 FT LEFT OF CENTERLINE, 138 FT AGL/145 FT MSL.

CONTROLLING OBSTACLES:

RWY 25: 324 FT MSL TOWER 244239.12N/0810528.30W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE) (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7, 25: 14000 FT MSL TETHERED_BALLOON 244205.00N/0813031.00W.

REMARKS:

REFERENCE FIPC SPECIAL CONTROL NUMBER: AP-09-087-24.

PLOTTED 324 MSL TOWER (50 FT AC ADDED TO SURVEYED 274 TOWER) AT 244239.12N/0810528.30W INTO TARGETS, EVALUATION REPORTED 400-2 1/4 OR STANDARD WITH CLIMB TO 255 FT/NM TO 500 FEET. OBSTACLE IS INSIDE OF PRIMARY ICA.

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
MCCURDY, MICHAEL CURTIS	CASIMIR L TABAKA	FIOG	12/16/2024
	Mar 05, 2025		

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
CASIMIR L. TABAKA (ROBERT A. SWINSON)	CASIMIR L TABAKA	AJV-A432	07/12/2024
	Mar 05, 2025		

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L. TABAKA	CASIMIR L TABAKA	AJV-A432	03/13/2025	MANAGER
	Mar 05, 2025			

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

QUALITY
31
CHECKED

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
MTH	MARATHON	FL	2	

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: ZMA, AMGR

CHANGES - REASONS:

1. TEXTUAL DEPARTURE PROCEDURE: CHANGED "RWY 7 - CLIMBING RIGHT TURN DIRECT MTH NOB THEN VIA 307 BEARING FROM MTH NDB TO TIGAR INT BEFORE PROCEEDING ON COURSE" TO "RWY 7: CLIMB ON HEADING BETWEEN 300.00 CW 245.00 FROM DEPARTURE END OF RUNWAY" – MTH NDB DECOMMISSIONED.
2. TEXTUAL DEPARTURE PROCEDURE: CHANGED "RWY 25 - CLIMB DIRECT MTH NDB THEN VIA 307 BEARING FROM MTH NOB TO TIGAR INT BEFORE PROCEEDING ON COURSE" TO "RWY 25: CLIMB ON HEADING BETWEEN 075.00 CW 245.00 FROM DEPARTURE END OF RUNWAY" - MTH NDB DECOMMISSIONED.
3. TAKEOFF OBSTACLE NOTES: UPDATED RWYS 7, 25 TAKEOFF OBSTACLE NOTES – NEW OBSTACLE EVALUATION.
4. CONTROLLING OBSTACLES: CHANGED "RWY 7, 25: 14,000 MSL BALLOON 244205.00N/0813031.00W" TO "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7, 25: 14000 FT MSL TETHERED_BALLOON 244205.00N/0813031.00W" – PROCEDURE RE-DESIGNED IAW 8260.46J.

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 7/12/2024:

1. CHANGED "RWY 7 TAKEOFF MINIMUMS FROM: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 17000" TO: "STANDARD".
2. TEXTUAL DEPARTURE: CHANGED RWY 7 FROM: "CLIMB ON HEADING 071.28 TO 5000 BEFORE PROCEEDING ON COURSE" TO: "CLIMB ON HEADING BETWEEN 300.00 CW 245.00 FROM DEPARTURE END OF RUNWAY".
3. TEXTUAL DEPARTURE: ADDED: RWY 25: CLIMB ON HEADING BETWEEN 075.00 CW 245.00 FROM DEPARTURE END OF RUNWAY".
4. CONTROLLING OBSTACLES: CHANGED "RWY 7: 14000 FT MSL TETHERED_BALLOON 244205.00N/0813031.00W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE)" TO "OBSTACLES MANDATING ODP ROUTE: RWY 7, 25: 14000 FT MSL TETHERED_BALLOON 244205.00N/0813031.00W".

1/28/2025: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 7/12/2024:

1. CHANGED "RWY 25 TAKEOFF MINIMUMS FROM: STANDARD TO 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 255 FT/NM TO 500".
2. CONTROLLING OBSTACLES: ADDED "RWY 25: 324 FT MSL TOWER 244239.12N/0810528.30W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE) (VISIBILITY)".
3. REMARKS: CHANGED FROM :RESPONSE TO FLIGHT CHECK INQUIRY REFERENCE FIPC SPECIAL CONTROL NUMBER: AP-09-087-24. PLOTTED 285 MSL TOWER (2022-ASO-45212-OE) AT 244244.40N/0810551.60W INTO TARGETS, EVALUATION REPORTED STANDARD. OBSTACLE IS OUTSIDE OF PRIMARY ICA AND POSES NO CLIMB GRADIENT OR VISIBILITY PENALTIES. EVALUATION INCLUDED ALL CURRENT AND PROPOSED (OE) OBSTACLES WITH 3 NM OF FLIGHT CHECK LAT/LONG. HIGHEST OBSTACLE (PROPOSED: 285 MSL TOWER (2022-ASO-45212-OE) AT 244244.40N/0810551.60W), DID NOT REQUIRE A CHANGE FROM THE STANDARD CG" TO "REFERENCE FIPC SPECIAL CONTROL NUMBER: AP-09-087-24. PLOTTED 324 MSL TOWER (50 FT AC ADDED TO SURVEYED 274 TOWER) AT 244239.12N/0810528.30W INTO TARGETS, EVALUATION REPORTED 400-2 1/4 OR STANDARD WITH CLIMB TO 255 FT/NM TO 500 FEET. OBSTACLE IS INSIDE OF PRIMARY ICA".

