

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
MACKINAC ISLAND, MI	MACKINAC ISLAND		2

TAKEOFF MINIMUMS:

RWY 26, STANDARD.

RWY 8, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 608 FT PER NM TO 1000.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TREES AND BUILDING BEGINNING 69 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/841 FT MSL. TREES BEGINNING 34 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/896 FT MSL. FENCE 49 FT FROM DER, 295 FT RIGHT OF CENTERLINE, 8 FT AGL/741 FT MSL. VEHICLE ON ROAD 525 FT FROM DER, 610 FT RIGHT OF CENTERLINE, 15 FT AGL/774 FT MSL.

NOTE: RWY 26, TREES BEGINNING 8 FT FROM DER, 193 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/829 FT MSL. VEHICLE ON ROAD 36 FT FROM DER, 334 FT LEFT OF CENTERLINE, 15 FT AGL/744 FT MSL. TREES BEGINNING AT DER, 196 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/829 FT MSL. FENCE 53 FT FROM DER, 202 FT RIGHT OF CENTERLINE, 8 FT AGL/727 FT MSL. BUILDING 129 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 28 AGL/747 FT MSL. VEHICLE ON ROAD 354 FT FROM DER, 20 FT RIGHT OF CENTERLINE, 15 FT AGL/734 FT MSL.

CONTROLLING OBSTACLES:

RWY 8: 896 MSL TREE 455153.76N/0843719.21W.

REMARKS:



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FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

DON LANIER AJV-353 2/1/2012

APPROVED BY:

LARRY STROUT AJV-353

COORDINATED WITH:

ALPA, AOPA, NBAA, ZMP ARTCC, AMGR.

CHANGES:

1. DELETED RWY 8 DEPARTURE PROCEDURE.
2. ADDED TAKE-OFF MINIMUMS: RWY 8, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 608 FT PER NM TO 1000.
3. ADDED RWY 8 AND RWY 26 TAKEOFF OBSTACLE NOTES.

REASONS:

1,2,3. NEW SURVEY/OBSTACLE DATA.





Federal Aviation Administration

Memorandum

Date: 02/03/2012

To: Manager, Flight Procedure Standards

From: Chas. Frederic Anderson
Manager, National Flight Procedures Group

Subject: **ACTION:** Approval Request

Rwy 08 Takeoff Minimums and Obstacle Departure Procedures (ODP), Amdt 2, Mackinac Island, Mackinac Island, MI (KMCD).

Climb gradient exceeds 500 feet per NM, 8260.46D, para 2-1d(2).

The computed climb gradient is 608 feet per NM to an altitude 1000 feet MSL (261.1 feet above airport elevation). The obstacle driving this climb gradient is an 896 MSL surveyed tree (Obstacle #KMCDT0108).

Request approval to publish takeoff minimums for Rwy 8, 300-1 or standard minimums with a climb gradient of 608 feet per NM to 1000 to allow 40:1 obstacle penetrations within 3 SM to be seen and avoided.

Attachments:
1:500,000 & 1:100,000 Maps
IAPA Initial Climb Area Printout