

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.
DETROIT/GROSSE ILE, MI	GROSSE ILE MUNI	ROUTINE	5

TAKEOFF MINIMUMS:

RWY 4, 17, 22 STANDARD.

RWY 35, 800-1½ OR STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100.

TEXTUAL DEPARTURE PROCEDURES:

NOTE: RWY 4, CLIMB HEADING 037.34 TO 1200 BEFORE TURNING LEFT.

NOTE: RWY 35, CLIMB HEADING 005.78 TO 1800 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES AND BUSHES BEGINNING 12 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 82 FT AGL/672 FT MSL. BUILDING 493 FT FROM DER, 630 FT LEFT OF CENTERLINE, 32 FT AGL/626 FT MSL. TREES BEGINNING 515 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 78 FT AGL/673 FT MSL. POLE 585 FT FROM DER, 350 FT RIGHT OF CENTERLINE, 74 FT AGL/613 FT MSL. TREES BEGINNING 1033 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 74 FT AGL/713 FT MSL.

NOTE: RWY 17, TREES AND BUSHES ABEAM DER, 378 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/622 FT MSL. FENCE BEGINNING 121 FT FROM DER, 218 FT RIGHT OF CENTERLINE, 12 FT AGL/588 FT MSL. TREES 148 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 68 FT AGL/643 FT MSL. TREES 2311 FT FROM DER, 764 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/672 FT MSL.

NOTE: RWY 22, TREES ABEAM DER, 100 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/587 FT MSL. BUSHES ABEAM DER, 40 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/590 FT MSL. FENCE 387 FT FROM DER, 518 FT RIGHT OF CENTERLINE, 12 FT AGL/587 FT MSL. TREES 369 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/622 FT MSL. TREES 1037 FT FROM DER, 63 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/686 FT MSL. TREES 1539 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 111 FT AGL/691 FT MSL.

NOTE: RWY 35, FENCE 60 FT FROM DER, CROSSING CENTERLINE, 10 FT AGL/591 FT MSL. TREES ABEAM DER, 196 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/663 FT MSL. BLDGS ABEAM DER, 430 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/612 FT MSL. BLDGS 310 FT FROM DER, 400 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/613 FT MSL. BLDGS 450 FT FROM DER, 515 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/614 FT MSL. TREES BEGINNING 504 FT FROM DER, 199 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/675 FT MSL. VEHICLE ON ROAD, 690 FT FROM DER, CROSSING CENTERLINE, 15 FT AGL/619 FT MSL. CHIMMEY 694 FT FROM DER, 359 FT LEFT OF CENTERLINE, 35 FT AGL/619 FT MSL. POLES 843 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 47 FT AGL/628 FT MSL. TREES BEGINNING 1029 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/678 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ROUTE DEVELOPMENT:

RWY 4: 1146 FT MSL CHIMMNEY/SMOKESTACKS 420718.61N-0831050.62W.

RWY 35: 1146 FT MSL CHIMMNEY/SMOKESTACKS 420718.61N-0831050.62W, 1305 FT MSL TOWER 421005.00N-0831254.00W.



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REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

DEANNA M. FIELDS AJV-353 01/19/2012

APPROVED BY:

LARRY H. STROUT AJV-353

COORDINATED WITH:

ALPA, AOPA, NBAA, ZOB, DTW APP CON, ARPT MGR

CHANGES:

1. REVISED TAKEOFF MINIMUMS.
2. ADDED TEXTUAL DEPARTURE PROCEDURES, TAKEOFF OBSTACLE NOTES, AND CONTROLLING OBSTACLES DATA.

REASONS:

1 & 2. NEW SURVEY DATA.

