

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
DETROIT/GROSSE ILE, MI	GROSSE ILE MUNI	24 MAY 2018	5A

TAKEOFF MINIMUMS:

RWY 4, 17, 22, STANDARD
RWY 35, 800 -1 1/2 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.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 04, TREE 12 FT FROM DER, 390 FT LEFT OF CENTERLINE, 615 FT MSL. TREE, VEGETATION BEGINNING 94 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 620 FT MSL. TREE 106 FT FROM DER, 497 FT LEFT OF CENTERLINE, 629 FT MSL. TREE, TRANSMISSION LINE, POLE BEGINNING 137 FT FROM DER, 350 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. TREE 191 FT FROM DER, 422 FT LEFT OF CENTERLINE, 642 FT MSL. TREES BEGINNING 256 FT FROM DER, 376 FT LEFT OF CENTERLINE, UP TO 653 FT MSL. TREE, BUILDING BEGINNING 410 FT FROM DER, 164 FT LEFT OF CENTERLINE, UP TO 672 FT MSL. TREES BEGINNING 720 FT FROM DER, 279 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL. TREES BEGINNING 903 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 661 FT MSL. TREES BEGINNING 974 FT FROM DER, 148 FT LEFT OF CENTERLINE, UP TO 673 FT MSL. TREES BEGINNING 1189 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 667 FT MSL. TREES BEGINNING 1490 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 676 FT MSL. TREES BEGINNING 1492 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 679 FT MSL. TREES BEGINNING 2083 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 697 FT MSL. TREES BEGINNING 2088 FT FROM DER, 179 FT RIGHT OF CENTERLINE, UP TO 685 FT MSL. TREE 3459 FT FROM DER, 210 FT RIGHT OF CENTERLINE, 687 FT MSL. TREES BEGINNING 3492 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 698 FT MSL. TREES BEGINNING 4123 FT FROM DER, 611 FT LEFT OF CENTERLINE, UP TO 700 FT MSL. TREE 4453 FT FROM DER, 411 FT LEFT OF CENTERLINE, 702 FT MSL. TREE 4610 FT FROM DER, 877 FT LEFT OF CENTERLINE, 713 FT MSL.

NOTE: RWY 17, TREE 44 FT FROM DER, 378 FT RIGHT OF CENTERLINE, 621 FT MSL. TREE, FENCE BEGINNING 64 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 622 FT MSL. TREE 148 FT FROM DER, 485 FT LEFT OF CENTERLINE, 583 FT MSL. TREE 164 FT FROM DER, 540 FT LEFT OF CENTERLINE, 595 FT MSL. TREES BEGINNING 275 FT FROM DER, 395 FT RIGHT OF CENTERLINE, UP TO 643 FT MSL. TREE 2311 FT FROM DER, 991 FT LEFT OF CENTERLINE, 651 FT MSL. TREE 2497 FT FROM DER, 1103 FT LEFT OF CENTERLINE, 671 FT MSL. TREES BEGINNING 2515 FT FROM DER, 740 FT LEFT OF CENTERLINE, UP TO 672 FT MSL.

NOTE: RWY 22, TREES BEGINNING 14 FT FROM DER, 350 FT LEFT OF CENTERLINE, UP TO 583 FT MSL. TREE, FENCE BEGINNING 369 FT FROM DER, 517 FT RIGHT OF CENTERLINE, UP TO 607 FT MSL. TREES BEGINNING 516 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 621 FT MSL. TREE 548 FT FROM DER, 485 FT RIGHT OF CENTERLINE, 622 FT MSL. TREE 765 FT FROM DER, 407 FT RIGHT OF CENTERLINE, 643 FT MSL. TREES BEGINNING 787 FT FROM DER, 180 FT RIGHT OF CENTERLINE, UP TO 653 FT MSL. TREES BEGINNING 903 FT FROM DER, 563 FT RIGHT OF CENTERLINE, UP TO 662 FT MSL. TREES BEGINNING 1083 FT FROM DER, 413 FT RIGHT OF CENTERLINE, UP TO 665 FT MSL. TREE 1382 FT FROM DER, 614 FT RIGHT OF CENTERLINE, 667 FT MSL. TREES BEGINNING 1545 FT FROM DER, 624 FT RIGHT OF CENTERLINE, UP TO 683 FT MSL. TREES BEGINNING 1907 FT FROM DER, 763 FT RIGHT OF CENTERLINE, UP TO 691 FT MSL.

NOTE: RWY 35, TERRAIN 1 FT FROM DER, 101 FT RIGHT OF CENTERLINE, 583 FT MSL. TREE, BUILDING, FENCE BEGINNING 26 FT FROM DER, 165 FT LEFT OF CENTERLINE, UP TO 663 FT MSL. TERRAIN 158 FT FROM DER, 227 FT RIGHT OF CENTERLINE, 586 FT MSL. BUILDING 450 FT FROM DER, 515 FT RIGHT OF CENTERLINE, 9 FT AGL/595 FT MSL. TREE 519 FT FROM DER, 591 FT RIGHT OF CENTERLINE, 612 FT MSL. TREE, ROAD, BUILDING BEGINNING 663 FT FROM DER, 144 FT RIGHT OF CENTERLINE, UP TO 615 FT MSL. TREE, BUILDING BEGINNING 684 FT FROM DER, 224 FT LEFT OF CENTERLINE, UP TO 668 FT MSL. TREE, POLE, TRANSMISSION LINE, BUILDING BEGINNING 823 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 675 FT MSL. TRANSMISSION LINE, POLE BEGINNING 934 FT FROM DER, 508 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/627 FT MSL. POLE, TRANSMISSION LINE BEGINNING 1004 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 628 FT MSL. TREE, TRANSMISSION LINE, POLE BEGINNING 1073 FT FROM DER, 135 FT RIGHT OF CENTERLINE, UP TO 635 FT MSL. TREE, POLE, TRANSMISSION LINE BEGINNING 1083 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 636 FT MSL. TREES BEGINNING 1149 FT FROM DER, 127 FT RIGHT OF CENTERLINE, UP TO 641 FT MSL. TREES BEGINNING 1215 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL. TREES BEGINNING 1362 FT FROM DER, 236 FT RIGHT OF CENTERLINE, UP TO 663 FT MSL. TREES BEGINNING 2148 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL. TREES BEGINNING 3337 FT FROM DER, 467 FT RIGHT OF CENTERLINE, UP TO 678 FT MSL.

CONTROLLING OBSTACLES:

RWY 4, 35: 1146 FT MSL STACK, 420718.61N/0831050.62W

REMARKS:

QUALITY
3
CHECKED

**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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
DETROIT/GROSSE ILE, MI	GROSSE ILE MUNI	24 MAY 2018	5A

FLIGHT INSPECTED BY: FLIGHT INSPECTION NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO DATED MAY 30, 2017	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 22, 2017	OFFICE SYMBOL: AJV-333	DATE:
DEVELOPED BY: JIMMY SANG HUGHES	<i>Digitally signed by</i> JIMMY S HUGHES Nov 28, 2017	OFFICE SYMBOL: AJV-5422	DATE: 11/28/2017
APPROVED BY: JULIE MORGAN	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 22, 2017	OFFICE SYMBOL: AJV-5420	DATE:

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
ZOB, DTW APP CON, ARPT MGR

CHANGES - REASONS:
1. UPDATED TAKEOFF OBSTACLE NOTES. - NEW SURVEY.

QUALITY
3
CHECKED