

**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, MI	DETROIT METROPOLITAN WAYNE COUNTY	24 MAY 2018	1A

TAKEOFF MINIMUMS:
STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 03R, TERRAIN 14 FT FROM DER, 332 FT LEFT OF CENTERLINE, 633 FT MSL. VEHICLE ON ROAD 358 FT FROM DER, 522 FT RIGHT OF CENTERLINE, 651 FT MSL. VEHICLE ON ROAD, WALL, FENCE BEGINNING 361 FT FROM DER, 387 FT RIGHT OF CENTERLINE, UP TO 652 FT MSL. VEHICLE ON ROADS BEGINNING 421 FT FROM DER, 394 FT LEFT OF CENTERLINE, UP TO 653 FT MSL.

NOTE: RWY 04L, TERRAIN 179 FT FROM DER, 78 FT LEFT OF CENTERLINE, 647 FT MSL. VEHICLE ON ROADS BEGINNING 302 FT FROM DER, 514 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. VEHICLE ON ROADS BEGINNING 403 FT FROM DER, 546 FT LEFT OF CENTERLINE, UP TO 656 FT MSL. TREE 996 FT FROM DER, 743 FT RIGHT OF CENTERLINE, 29 FT AGL/668 FT MSL. TREE, POLE BEGINNING 1183 FT FROM DER, 765 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/682 FT MSL. TREE 1345 FT FROM DER, 787 FT RIGHT OF CENTERLINE, 42 FT AGL/682 FT MSL. TRANSMISSION LINE 1515 FT FROM DER, 826 FT LEFT OF CENTERLINE, 47 FT AGL/685 FT MSL. TRANSMISSION LINE 1599 FT FROM DER, 876 FT LEFT OF CENTERLINE, 52 FT AGL/690 FT MSL. TREE 1971 FT FROM DER, 852 FT LEFT OF CENTERLINE, 56 FT AGL/694 FT MSL. TOWER, ANTENNA BEGINNING 2694 FT FROM DER, 757 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/716 FT MSL. TOWER, ANTENNA BEGINNING 2858 FT FROM DER, 852 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/717 FT MSL.

NOTE: RWY 04R, LIGHTING, NAVAID BEGINNING 9 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/638 FT MSL. VEHICLE ON ROADS BEGINNING 941 FT FROM DER, 618 FT LEFT OF CENTERLINE, UP TO 664 FT MSL. BUILDING BEGINNING 3347 FT FROM DER, 1302 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/736 FT MSL.

NOTE: RWY 09L, VEHICLE ON ROADS BEGINNING 292 FT FROM DER, 342 FT LEFT OF CENTERLINE, UP TO 652 FT MSL. VEHICLE ON ROADS BEGINNING 601 FT FROM DER, 354 FT RIGHT OF CENTERLINE, UP TO 652 FT MSL. TREE 1699 FT FROM DER, 882 FT RIGHT OF CENTERLINE, 59 FT AGL/687 FT MSL. TREE 1804 FT FROM DER, 913 FT RIGHT OF CENTERLINE, 63 FT AGL/690 FT MSL. TREES BEGINNING 2043 FT FROM DER, 936 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/699 FT MSL. TREES BEGINNING 2242 FT FROM DER, 970 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/701 FT MSL. TREES BEGINNING 2424 FT FROM DER, 937 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/704 FT MSL. TREE 2461 FT FROM DER, 1056 FT RIGHT OF CENTERLINE, 77 FT AGL/705 FT MSL. TREE 2519 FT FROM DER, 1168 FT RIGHT OF CENTERLINE, 84 FT AGL/710 FT MSL. TREE 2632 FT FROM DER, 1163 FT LEFT OF CENTERLINE, 81 FT AGL/708 FT MSL. TREE 2788 FT FROM DER, 1050 FT LEFT OF CENTERLINE, 85 FT AGL/711 FT MSL. TREE 2891 FT FROM DER, 1065 FT LEFT OF CENTERLINE, 90 FT AGL/716 FT MSL.

NOTE: RWY 09R, SIGN 60 FT FROM DER, 288 FT LEFT OF CENTERLINE, 5 FT AGL/631 FT MSL. TREE 538 FT FROM DER, 618 FT RIGHT OF CENTERLINE, 19 FT AGL/645 FT MSL. TREE 1836 FT FROM DER, 940 FT RIGHT OF CENTERLINE, 71 FT AGL/695 FT MSL.

NOTE: RWY 21L, VEHICLE ON ROAD 586 FT FROM DER, 617 FT RIGHT OF CENTERLINE, 648 FT MSL. TREE 1121 FT FROM DER, 738 FT LEFT OF CENTERLINE, 39 FT AGL/674 FT MSL. TREE 1763 FT FROM DER, 906 FT RIGHT OF CENTERLINE, 59 FT AGL/687 FT MSL. TREE 2160 FT FROM DER, 982 FT LEFT OF CENTERLINE, 68 FT AGL/693 FT MSL. TREE 2256 FT FROM DER, 1040 FT LEFT OF CENTERLINE, 67 FT AGL/696 FT MSL. TREE 2408 FT FROM DER, 1050 FT LEFT OF CENTERLINE, 76 FT AGL/707 FT MSL. TREE 2548 FT FROM DER, 1077 FT LEFT OF CENTERLINE, 84 FT AGL/715 FT MSL. TREES BEGINNING 2619 FT FROM DER, 867 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/723 FT MSL. TREES BEGINNING 2726 FT FROM DER, 1172 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/714 FT MSL. TREE 2809 FT FROM DER, 1245 FT RIGHT OF CENTERLINE, 85 FT AGL/716 FT MSL. TREE 2907 FT FROM DER, 1174 FT RIGHT OF CENTERLINE, 86 FT AGL/718 FT MSL. TREES BEGINNING 2933 FT FROM DER, 1133 FT RIGHT OF CENTERLINE, UP TO 95 FT AGL/728 FT MSL. TREE 3275 FT FROM DER, 1222 FT LEFT OF CENTERLINE, 99 FT AGL/727 FT MSL. TREES BEGINNING 3412 FT FROM DER, 1161 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/735 FT MSL. TREES BEGINNING 3687 FT FROM DER, 1169 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/733 FT MSL. TREE 3921 FT FROM DER, 1229 FT RIGHT OF CENTERLINE, 103 FT AGL/734 FT MSL. TREES BEGINNING 3926 FT FROM DER, 1351 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL/739 FT MSL.

NOTE: RWY 21R, POLE 322 FT FROM DER, 570 FT RIGHT OF CENTERLINE, 28 FT AGL/655 FT MSL. POLE, FENCE, SIGN, VEHICLE ON ROADS BEGINNING 450 FT FROM DER, 570 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/657 FT MSL. POLE BEGINNING 533 FT FROM DER, 571 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/658 FT MSL. BUILDING 1092 FT FROM DER, 773 FT RIGHT OF CENTERLINE, 58 FT AGL/670 FT MSL. BUILDING 1237 FT FROM DER, 773 FT RIGHT OF CENTERLINE, 58 FT AGL/671 FT MSL. BUILDING BEGINNING 1311 FT FROM DER, 829 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/677 FT MSL.

NOTE: RWY 22L, LIGHTING 10 FT FROM DER, 5 FT LEFT OF CENTERLINE, 1 FT AGL/638 FT MSL. NAVAID 79 FT FROM DER, 412 FT LEFT OF CENTERLINE, 4 FT AGL/640 FT MSL. TREE 3681 FT FROM DER, 1384 FT LEFT OF CENTERLINE, 103 FT AGL/738 FT MSL.

NOTE: RWY 22R, TERRAIN 19 FT FROM DER, 438 FT LEFT OF CENTERLINE, 649 FT MSL. TERRAIN 150 FT FROM DER, 86 FT LEFT OF CENTERLINE, 650 FT MSL. TREE 1102 FT FROM DER, 734 FT RIGHT OF CENTERLINE, 37 FT AGL/681 FT MSL. TREE 1859 FT FROM DER, 854 FT RIGHT OF CENTERLINE, 60 FT AGL/702 FT MSL. TREE 1979 FT FROM DER, 942 FT RIGHT OF CENTERLINE, 66 FT AGL/706 FT MSL. TREE 2386 FT FROM DER, 892 FT LEFT OF CENTERLINE, 75 FT AGL/715 FT MSL. TREE 3343 FT FROM DER, 1361 FT LEFT OF CENTERLINE, 97 FT AGL/735 FT MSL. TREE 3727 FT FROM DER, 1351 FT LEFT OF CENTERLINE, 103 FT AGL/741 FT MSL.

NOTE: RWY 27L, VEHICLE ON ROAD 491 FT FROM DER, 600 FT LEFT OF CENTERLINE, 650 FT MSL. POLE 1011 FT FROM DER, 698 FT LEFT OF CENTERLINE, 27 FT AGL/662 FT MSL.

NOTE: RWY 27R, NAVAID 11 FT FROM DER, 55 FT RIGHT OF CENTERLINE, 2 FT AGL/639 FT MSL. NAVAID 11 FT FROM DER, 54 FT LEFT OF CENTERLINE, 2 FT AGL/639 FT MSL. POLE 14 FT FROM DER, 441 FT LEFT OF CENTERLINE, 19 FT AGL/656 FT MSL. TOWER 4460 FT FROM DER, 462 FT LEFT OF CENTERLINE, 106 FT AGL/756 FT MSL.

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CONTROLLING OBSTACLES:

REMARKS:

<u>FLIGHT INSPECTED BY:</u> 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	<u>OFFICE SYMBOL:</u> AJW-333	<u>DATE:</u>
<u>DEVELOPED BY:</u> JIMMY SANG HUGHES	<i>Digitally signed by</i> JIMMY S HUGHES Dec 11, 2017	<u>OFFICE SYMBOL:</u> AJV-5422	<u>DATE:</u> 11/21/2017
<u>APPROVED BY:</u> JULIE MORGAN	<i>Digitally signed by</i> ROBERT G HAMILTON Dec 22, 2017	<u>OFFICE SYMBOL:</u> AJV-5420	<u>DATE:</u>

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
DTW APP CON, ZOB, AMGR

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

QUALITY
3
CHECKED