

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, MI	COLEMAN A YOUNG MUNI	24 MAY 2018	7A

**TAKEOFF MINIMUMS:**

RWY 7, 15, 33, STANDARD.

RWY 25, STANDARD WITH MINIMUM CLIMB OF 210 FEET PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DEPARTURE END OF RUNWAY.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 33, CLIMB HEADING 328.33 TO 1800 BEFORE TURNING LEFT.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 07,** BUILDING, POLE, TREE, TRANSMISSION LINE, STACK BEGINNING 290 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/695 FT MSL. POLE 459 FT FROM DER, 138 FT LEFT OF CENTERLINE, 31 FT AGL/654 FT MSL. TREE, LIGHTING BEGINNING 909 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 680 FT MSL

**NOTE: RWY 15,** BUILDING 449 FT FROM DER, 317 FT LEFT OF CENTERLINE, 16 FT AGL/637 FT MSL. BUILDING, TREES BEGINNING 662 FT FROM DER, 220 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/695 FT MSL. BUILDING 803 FT FROM DER, 521 FT RIGHT OF CENTERLINE, 656 FT MSL. TREE 1058 FT FROM DER, 367 FT RIGHT OF CENTERLINE, 659 FT MSL. TREE 1527 FT FROM DER, 445 FT RIGHT OF CENTERLINE, 669 FT MSL. TREE 1990 FT FROM DER, 492 FT RIGHT OF CENTERLINE, 679 FT MSL. POLE 3401 FT FROM DER, 1110 FT RIGHT OF CENTERLINE, 106 FT AGL/722 FT MSL.

**NOTE: RWY 25,** VEHICLE ON ROAD 1 FT FROM DER, 125 FT LEFT OF CENTERLINE, 650 FT MSL. BUILDING, VEHICLES ON ROAD, STACK, BEGINNING 48 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/662 FT MSL. TREE, POLE BEGINNING 456 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL. TREE, STACK BEGINNING 908 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 683 FT MSL. TREE 1109 FT FROM DER, 325 FT RIGHT OF CENTERLINE, 685 FT MSL. TREES BEGINNING 1294 FT FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 703 FT MSL. TOWER 2828 FT FROM DER, 1224 FT LEFT OF CENTERLINE, 141 FT AGL/770 FT MSL. STACK 1.5 NM FROM DER, 2412 FT LEFT OF CENTERLINE, 241 FT AGL/871 FT MSL.

**NOTE: RWY 33,** TREE 113 FT FROM DER, 414 FT LEFT OF CENTERLINE, 666 FT MSL. TREE 233 FT FROM DER, 512 FT LEFT OF CENTERLINE, 677 FT MSL. TREE, POLE BEGINNING 449 FT FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 681 FT MSL.

TREE 743 FT FROM DER, 505 FT RIGHT OF CENTERLINE, 661 FT MSL. TREES BEGINNING 1707 FT FROM DER, 366 FT LEFT OF CENTERLINE, UP TO 694 FT MSL. TREES BEGINNING 1753 FT FROM DER, 83 FT RIGHT OF CENTERLINE, UP TO 709 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 25, 871 FT MSL STACK 422307.00N/0830235.00W

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 33, 1749 FT MSL TOWER 422653.00N/0831023.00W

**REMARKS:**

**FLIGHT INSPECTED BY:**

RUSSELL P ELLIOTT

*Digitally signed by*

**ROBERT G HAMILTON**

Mar 14, 2018

**OFFICE SYMBOL:**

FICO

**DATE:**

03/12/2018

**DEVELOPED BY:**

JIMMY SANG HUGHES

*Digitally signed by*

**JIMMY S HUGHES**

Dec 20, 2017

**OFFICE SYMBOL:**

AJV-5422

**DATE:**

11/20/2017

**APPROVED BY:**

JULIE MORGAN

*Digitally signed by*  
**ROBERT G HAMILTON**

Mar 14, 2018

**OFFICE SYMBOL:**

AJV-5420

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**    **ALPA**    **AOPA**    **APA**    **HAI**    **NBAA**

                  

**OTHER:**

ZOB, DET ATCT, DTW APP CON, AMGR

**CHANGES - REASONS:**

1. UPDATED TAKEOFF OBSTACLE NOTES - BRING FORM TO UPDATED CRITERIA
2. CHANGED RWY 25 TAKEOFF MINIMUM FROM STANDARD WITH A MINIMUM CLIMB OF 215 FEET PER NM TO 1400, OR ALTERNATIVELY, WITH



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STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DEPARTURE END OF RUNWAY." TO "RWY 25, STANDARD WITH MINIMUM CLIMB OF 210 FEET PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DEPARTURE END OF RUNWAY." - CURRENT OBSTACLE EVALUATION.

