

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.
CLARE, MI	CLARE MUNI	19 SEPTEMBER 2013	2

TAKEOFF MINIMUMS:

RWY 4, 22, 27, STANDARD.

RWY 9, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 371 FT PER NM TO 1100.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, BUSH 24 FT FROM DER, 131 FT LEFT OF CENTERLINE, 8 FT AGL/859 FT MSL. TREES BEGINNING 495 FT FROM DER, 431 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/897 FT MSL. POLE AND TREES BEGINNING 728 FT FROM DER, 629 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/906 FT MSL. TREE 1158 FT FROM DER, 166 FT LEFT OF CENTERLINE, 48 FT AGL/889 FT MSL. TREES BEGINNING 1693 FT FROM DER, 607 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/908 FT MSL. TREES BEGINNING 1668 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 114 FT AGL/955 FT MSL.

NOTE: RWY 9, VEHICLE ON ROAD 7 FT FROM DER, 92 FT LEFT OF CENTERLINE, 15 FT AGL/834 FT MSL. VEHICLE ON ROAD 229 FT FROM DER, CROSSING CENTERLINE, 15 FT AGL/834 FT MSL. BUILDINGS BEGINNING 394 FT FROM DER, 275 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/849 FT MSL. TREES BEGINNING 81 FT FROM DER, 417 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/864 FT MSL. TREES BEGINNING 1894 FT FROM DER, CROSSING CENTERLINE, UP TO 130 FT AGL/989 FT MSL.

NOTE: RWY 22, TERRAIN 38 FT FROM DER, 486 FT RIGHT OF CENTERLINE, 828 FT MSL. LIGHT 39 FT FROM DER, 111 FT RIGHT OF CENTERLINE, 4 FT AGL/829 FT MSL. LIGHT 40 FT FROM DER, 111 FT LEFT OF CENTERLINE, 4 FT AGL/828 FT MSL. WINDSOCK 373 FT FROM DER, 559 FT RIGHT OF CENTERLINE, 34 FT AGL/855 FT MSL. TREES BEGINNING 1033 FT FROM DER, CROSSING CENTERLINE, UP TO 129 FT AGL/934 FT MSL.

NOTE: RWY 27, BUILDING 290 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 20 FT AGL/851 FT MSL. ANTENNA 329 FT FROM DER, 399 FT RIGHT OF CENTERLINE, 32 FT AGL/863 FT MSL. BUILDING 434 FT FROM DER, 552 FT RIGHT OF CENTERLINE, 21 FT AGL/852 FT MSL. VEHICLE ON ROAD 532 FT FROM DER, 516 FT RIGHT OF CENTERLINE, 15 FT AGL/854 FT MSL. TREES BEGINNING 566 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 98 FT AGL/918 FT MSL. TREES BEGINNING 411 FT FROM DER, 212 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/906 FT MSL. TREES BEGINNING 1261 FT FROM DER, 462 FT RIGHT OF CENTERLINE, UP TO 124 FT AGL/932 FT MSL. TREES BEGINNING 2372 FT FROM DER, 230 FT LEFT OF CENTERLINE, UP TO 109 FT AGL/930 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 979 FT MSL TREE 435009.29N-0844329.36W, 989 FT MSL TREE 435008.27N/0844318.10W.

QUALITY
6
CHECKED


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REMARKS:

FLIGHT INSPECTED BY:

for Ross N. Larson 

7/10/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

for STEVEN NELSON  AJV-353

04/10/2013

APPROVED BY:

for LARRY STROUT,  MANAGER AJV-353

7/19/13

COORDINATED WITH:

AOPA, NBAA, ZOB ARTCC, MBS ATCT, AMGR

CHANGES:

1. CHANGED TAKEOFF MINIMUMS RWYS 8, 13, 26, 31, 300-1 TO RWY 4, 22, 27, STANDARD, RWY 9, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 371 FT PER NM TO 1100.
2. ADDED TAKEOFF OBSTACLE NOTES.

REASONS:

1. UTILIZED CURRENT AIRPORT AND OBSTACLE DATA.
2. PER 8260.46D.

QUALITY
6
CHECKED