

**TOP ALTITUDE:  
ASSIGNED BY ATC**

RNAV 1 - DME/DME/IRU or GPS.  
RADAR required.

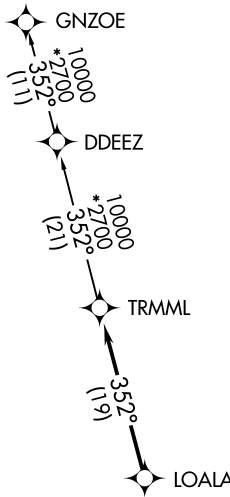
DETROIT DEP CON  
118.95 284.0  
ATIS  
127.425  
GND CON  
119.975  
WILLOW RUN TOWER  
125.275 256.9

TAKEOFF MINIMUMS:

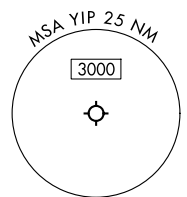
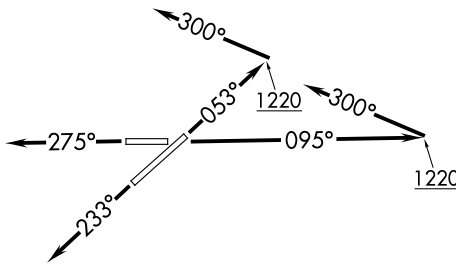
Rwy 23: Standard.

Rwys 5, 9: Standard with minimum climb  
of 500' per NM to 1220.

Rwy 27: Standard with minimum climb  
of 209' per NM to 1000.



NOTE: Turbojet departures at/above 10000,  
maintain 280K until advised by ATC.



NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

TAKEOFF RUNWAY 5: Climb on heading 053° to 1220, then on heading 300° or as assigned by ATC, for RADAR vectors to LOALA, thence....

TAKEOFF RUNWAY 9: Climb on heading 095° to 1220, then on heading 300° or as assigned by ATC, for RADAR vectors to LOALA, thence....

TAKEOFF RUNWAY 23: Climb on heading 233° or as assigned by ATC, for RADAR vectors to LOALA, thence....

TAKEOFF RUNWAY 27: Climb on heading 275° or as assigned by ATC, for RADAR vectors to LOALA, thence....

....on track 352° to TRMML, then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

GNZOE TRANSITION (TRMML4.GNZOE):