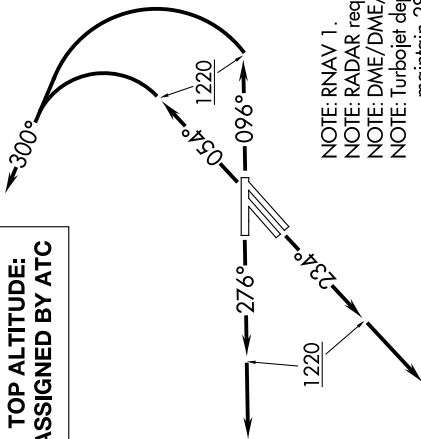


**TOP ALTITUDE:  
ASSIGNED BY ATC**



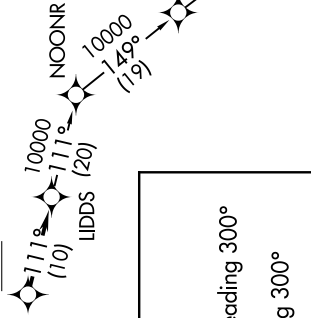
**TAKEOFF MINIMUMS:**

Rwys 5L/R, 9, 23L/R, 27: Standard with minimum climb of 500' per NM to 1220.

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



**KZLOV**  
 15000  
 4000



- NOTE: RNAV 1.
- NOTE: RADAR required.
- NOTE: DME/DME/IRU or GPS required.
- NOTE: Turbojet departures at/above 10000, maintain 280K until advised by ATC.
- NOTE: If unable to accept 500' per NM climb rate, advise clearance delivery on initial contact.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAYS 5L/R:** Climb on heading 054° to 1220, then left turn heading 300° for RADAR vectors to cross KZLOV between 4000 and 15000, thence....  
**TAKEOFF RUNWAY 9:** Climb on heading 096° to 1220, then left turn heading 300° for RADAR vectors to cross KZLOV between 4000 and 15000, thence....  
**TAKEOFF RUNWAYS 23L/R:** Climb on heading 234° to 1220, then on heading 234° for RADAR vectors to cross KZLOV between 4000 and 15000, thence....  
**TAKEOFF RUNWAY 27:** Climb on heading 276° to 1220, then on heading 276° for RADAR vectors to cross KZLOV between 4000 and 15000, thence....

....on track 111° to LIDDS, then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

**GRIVY TRANSITION (LIDDS2.GRIVY):**

NOTE: Chart not to scale.