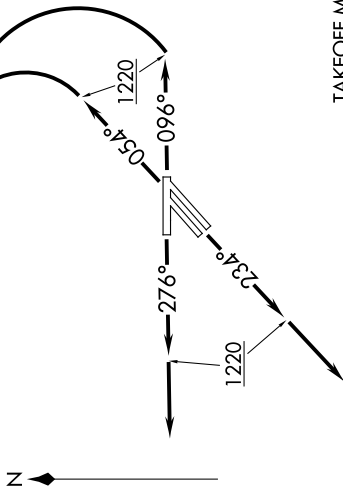


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**TOP ALTITUDE:  
ASSIGNED BY ATC**



NOTE: RNAV 1.

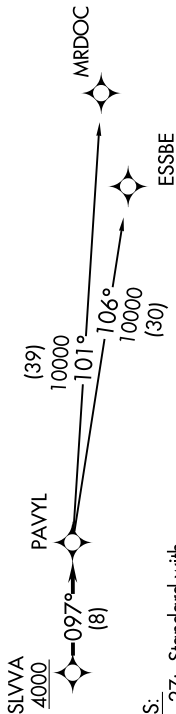
NOTE: RADAR required.

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.

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



**TAKEOFF MINIMUMS:**

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

NOTE: Chart not to scale.

**DEPARTURE ROUTE DESCRIPTION**

**TAKEOFF RUNWAYS 5L/R:** Climb on heading 054° to 1220, then left turn heading 300° for RADAR vectors to cross SLVVA at or above 4000, thence...

**TAKEOFF RUNWAY 9:** Climb on heading 096° to 1220, then left turn heading 300° for RADAR vectors to cross SLVVA at or above 4000, thence...

**TAKEOFF RUNWAYS 23L/R:** Climb on heading 234° to 1220, then on heading 234° for RADAR vectors to cross SLVVA at or above 4000, thence...

**TAKEOFF RUNWAY 27:** Climb on heading 276° to 1220, then on heading 276° for RADAR vectors to cross SLVVA at or above 4000, thence...

...on track 097° to PAVYL, then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

**ESSBE TRANSITION (PAVYL2.ESSBE):**  
**MRDOC TRANSITION (PAVYL2.MRDOC):**

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