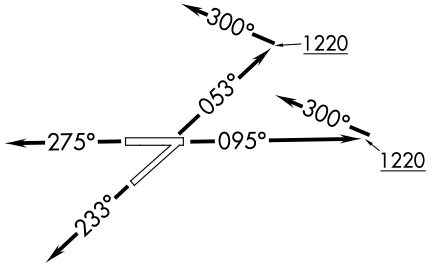
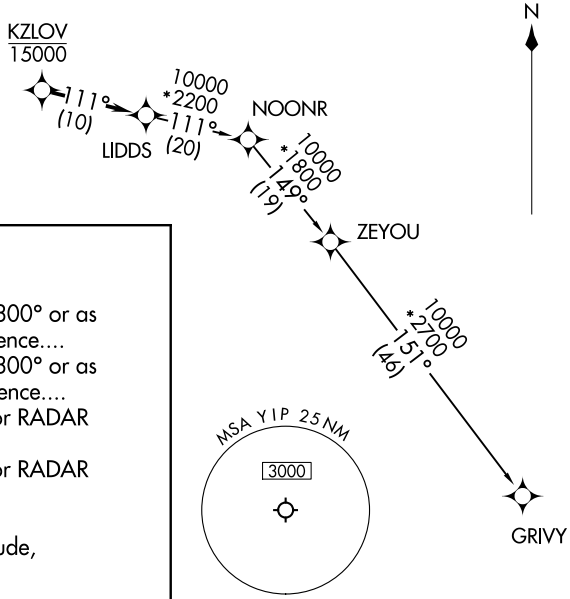
TOP ALTITUDE: ASSIGNED BY ATC	RNAV 1 - DME/DME/IRU or GPS.
	RADAR required. RADAR required for non-GPS equipped aircraft.

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



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

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: 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 cross KZLOV at or below 15000, thence....
TAKEOFF RUNWAY 9: Climb on heading 095° to 1220, then on heading 300° or as assigned by ATC, for RADAR vectors to cross KZLOV at or above 15000, thence....
TAKEOFF RUNWAY 23: Climb on heading 233° or as assigned by ATC, for RADAR vectors to cross KZLOV at or above 15000, thence....
TAKEOFF RUNWAY 27: Climb on heading 275° or as assigned by ATC, for RADAR vectors to cross KZLOV at or above 15000, thence.....

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

GRIVY TRANSITION (LIDDS4.GRIVY):