

**TOP ALTITUDE:
ASSIGNED BY ATC**

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 5L/R: Climb on heading 054° to 1220, then left turn heading 300° for RADAR vectors to cross JWELS at or above 4000, thence....
 TAKEOFF RUNWAY 9: Climb on heading 096° to 1220, then left turn heading 300° for RADAR vectors to cross JWELS at or above 4000, thence....
 TAKEOFF RUNWAYS 23L/R: Climb on heading 234° to 1220, then on heading 234° for RADAR vectors to cross JWELS at or above 4000, thence....
 TAKEOFF RUNWAY 27: Climb on heading 276° to 1220, then on heading 276° for RADAR vectors to cross JWELS at or above 4000, thence....
on track 218° to SNDRS, then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

BGHRT TRANSITION (SNDRS2.BGHRT):
TORRR TRANSITION (SNDRS2.TORRR):

NOTE: RNAV 1.

NOTE: RADAR required.

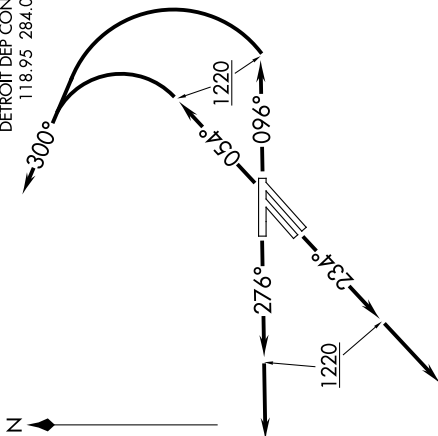
NOTE: DME/DME/IRU or GPS required.

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

NOTE: TORRR TRANSITION: For use by KIND and KCVG area arrivals only and flights filed at or below FL220, or as assigned 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.

