

**TOP ALTITUDE:
ASSIGNED BY ATC**

NOTE: RNAV 1.

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NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet departures at/above 10000,

maintain 280K until advised by ATC.

NOTE: BROKK TRANSITION: For use

FL270, or as assigned by ATC.

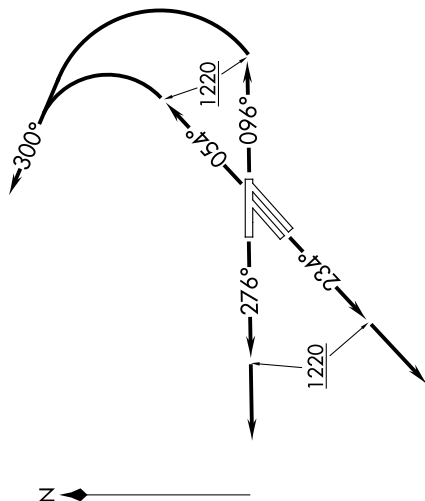
NOTE: If unable to accept 500' per NM climb rate, advise clearance delivery on initial contact.

ATIS
127.425
GND CON

GND CON

119.975
WILLOW BLINTOWERWILLOW RUN TOWER
125 275 254 0DETROIT DEP CON
125.275 256.9

1118.95 2840



TAKEOFF MINIMUMS:

Rwys 5L/R, 9, 23L/R, 27: Standard with minimum climb of 500' per NM to 1 220.

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 MALTB at or above 4000, thence....

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

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

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

.....on track 094°, then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

BROKK TRANSITION (HHWE3.BROKK)
LNCON TRANSITION (HHWE3.LNCON)

HHOWE THREE DEPARTURE (RNAV)

(HHOWE3.HHOWE) 05DEC19

DETROIT, MICHIGAN

WILLOW RUN (YIP)