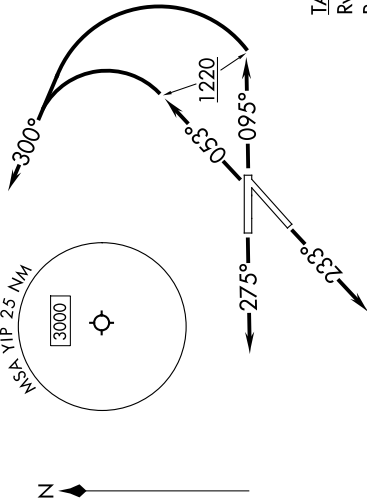


TOP ALTITUDE:  
ASSIGNED BY ATC



RNAV-1 DME/DME/IRU or GPS.  
RADAR required.

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

NOTE: BROKK TRANSITION: For use by flights filed at or below FL270, or as assigned by ATC.

TAKEOFF MINIMUMS:

Rwys 5, 9: Standard with minimum climb of 500' per NM to 1220.

Rwy 23: Standard.

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 MALTB at or above 2200, thence....

TAKEOFF RUNWAY 9: Climb on heading 095° to 1220, then on heading 300° or as assigned by ATC, for RADAR vectors to cross MALTB at or above 2200, thence....

TAKEOFF RUNWAY 23: Climb on heading 233° or as assigned by ATC, for RADAR vectors to cross MALTB at or above 2200, thence....

TAKEOFF RUNWAY 27: Climb on heading 275° or as assigned by ATC, for RADAR vectors to cross MALTB at or above 2200, thence....

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

BROKK TRANSITION (HHOWE4.BROKK):  
INCON TRANSITION (HHOWE4.INCON):

(HHOWE4.HHOWE) 24137

HHOWE FOUR DEPARTURE (RNAV) AL-467 (FAA)

WILLOW RUN (YIP)

DETROIT, MICHIGAN

HHOWE FOUR DEPARTURE (RNAV)

(HHOWE4.HHOWE) 16MAY24

DETROIT, MICHIGAN

WILLOW RUN (YIP)