



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF ALL RUNWAYS: Climb via assigned heading for radar vectors to join the assigned Airway or Radial then proceed to the assigned departure fix, thence via the assigned route. Jets maintain 10,000 feet, cross the DXO VOR/DME 10 DME Arc at or above 5,000 feet for noise abatement. If unable to comply, advise ATC prior to departure. Props maintain 4,000 feet or lower assigned altitude. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

SPECIAL INSTRUCTIONS:

When using this departure, file the appropriate depicted departure fix and route. Aircraft landing/overflying Lansing (LAN) or overflying Flint (FNT) at 10,000 feet or below, file via EARVN. Aircraft landing Flint (FNT) at 10,000 feet or below, file via LAYNE. Aircraft landing/overflying Toledo (TOL) at 10,000 feet or below, file via RUZZL. Aircraft over HARWL must file FL220 and below. Prop aircraft departing Rwy 21L/R and 22L/R westbound cross DXO 3.5 DME at or above 2500 MSL. If unable advise ATC prior to departure. Jets use Departure Control Frequency 125.525. Props use Departure Control Frequency 118.95.

TAKE-OFF OBSTACLES

- Rwy 3R: Headwall 399' from DER, 566' right of centerline, 17' AGL/647' MSL.
 Rwy 4L: Multiple transmission towers 1516' from DER, 827' left of centerline, up to 60' AGL/690' MSL.
 Multiple antennas 2751' from DER, 762' right of centerline, up to 84' AGL/714' MSL.
 Rwy 4R: Antenna on building 3348' from DER, 1301' left of centerline, 100' AGL/736' MSL.
 Rwy 9L: Multiple trees 968' to 2519' from DER, 462' left of centerline and 1173' right of centerline, up to 85' AGL/715' MSL.
 Rwy 9R: Tree 1837' from DER, 947' right of centerline, 50' AGL/686' MSL.
 Rwy 21L: Multiple trees 1079' to 3910' from DER, 586' left of centerline and 1188' right of centerline, up to 100' AGL/733' MSL.
 Rwy 22L: Multiple trees 794' to 3694' from DER, 611' right of centerline and 1381' left of centerline, up to 110' AGL/740' MSL.
 Rwy 27R: Rod on ASR, 4461' from DER, 464' left of centerline, 106' AGL/756' MSL.