



DEPARTURE ROUTE DESCRIPTION

TAKEOFF 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 assigned route. When the ATC assigned altitude is at or above 5000', cross the DXO VOR/DME 10 DME Arc at or above 5000' for noise abatement. If unable to comply, advise ATC prior to departure. 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 10000 feet or below, file via EARVN. Aircraft landing Flint (FNT) at 10000 feet or below, file via LAYNE. Aircraft landing/overflying Toledo (TOL) at 10000 feet or below, file via RUZZL. Aircraft over HARWL must file FL 220 and below. PROP AIRCRAFT departing Rwy21L/R and 22L/R westbound cross DXO 3.5 DME at above 2500 MSL. If unable advise ATC prior to departure. Aircraft landing Cincinnati (CVG) must file via ANNTS. PROPS NA over ANNTS. JETS use departure control frequency 125.525. PROPS use departure control frequency 118.95.

TAKEOFF OBSTACLE NOTES:

- Rwy 3L: Tree 3794' from DER, 1441' left of centerline, 100' AGL/734' MSL.
- Rwy 3R: Headwall 399' from DER, 566' right of centerline, 17' AGL/647' MSL.
- Rwy 4L: Transmission towers beginning 1516' from DER, 827' left of centerline, up to 60' AGL/690' MSL.  
Rods on towers beginning 2751' from DER, 762' right of centerline, up to 41' AGL/714' MSL.
- Rwy 4R: Trees beginning 2850' from DER, 1058' left of centerline, up to 100' AGL/744' MSL.  
Antenna on building 3348' from DER, 1301' left of centerline, 100' AGL/736' MSL.
- Rwy 9L: Trees beginning 968' from DER, 461' left of centerline, up to 15' AGL/682' MSL.  
Trees beginning 987' from DER, 607' right of centerline, up to 45' AGL/715' MSL.
- Rwy 9R: Trees beginning 1172' from DER, 686' right of centerline, up to 100' AGL/729' MSL.
- Rwy 21L: Trees beginning 1079' from DER, 586' left of centerline, up to 100' AGL/739' MSL.  
Tree 3910' from DER, 1188' right of centerline, 101' AGL/733' MSL.
- Rwy 21R: Tree 1963' from DER, 554' left of centerline, 100' AGL/739' MSL.  
Trees beginning 2468' from DER, 721' right of centerline, up to 100' AGL/739' MSL.
- Rwy 22L: Bush 514' from DER, 619' right of centerline, 17' AGL/652' MSL.  
Trees beginning 794' from DER, 611' right of centerline, up to 100' AGL/739' MSL.  
Trees beginning 1726' from DER, 921' left of centerline, up to 100' AGL/744' MSL.
- Rwy 22R: Trees beginning 1014' from DER, 729' left of centerline, up to 100' AGL/749' MSL.  
Trees beginning 1039' from DER, 680' right of centerline, up to 100' AGL/749' MSL.
- Rwy 27L: Trees beginning 2623' from DER, 693' left of centerline, up to 100' AGL/744' MSL.  
Tree 3589' from DER, 777' right of centerline, 100' AGL/739' MSL.
- Rwy 27R: Trees beginning 2998' from DER, 949' left of centerline up to 100' AGL/754' MSL.  
Rod on OL ASR 4461' from DER, 464' left of centerline, 106' AGL/756' MSL.  
Trees beginning 3289' from DER, 1239' right of centerline, up to 100' AGL/744' MSL.

EC-1, 26 JUN 2014 to 24 JUL 2014

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