



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 9, 27: Fly assigned heading and altitude for radar vectors to MSP VOR/DME then via MSP R-281 and DWN R-095 to DWN VORTAC, thence....

TAKE-OFF RUNWAY 13: Climb heading 125° to 1500 for radar vectors to MSP VOR/DME then via MSP R-281 and DWN R-095 to DWN VORTAC, thence....

TAKE-OFF RUNWAY 14: Climb heading 143° to 1500 for radar vectors to MSP VOR/DME then via MSP R-281 and DWN R-095 to DWN VORTAC, thence....

TAKE-OFF RUNWAY 32: Climb heading 323° to 1300 for radar vectors to MSP VOR/DME then via MSP R-281 and DWN R-095 to DWN VORTAC, thence....

....via transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

ABERDEEN TRANSITION (DWN2.ABR): From over DWN VORTAC via DWN R-271 and ABR R-088 to ABR VOR/DME.

TAKE-OFF OBSTACLE NOTES

- RWY 9: Multiple trees beginning 1265' from DER, 167' right of centerline, up to 75' AGL/1055' MSL.
Multiple trees beginning 1.1 NM from DER, 124' left of centerline, up to 100' AGL/1099' MSL.
OL tank 1571' from DER, 771' right of centerline, 50' AGL/811' MSL.
Mobile crane 1163' from DER, 123' left of centerline, 50' AGL/758' MSL.
- RWY 13: OL stack 2695' from DER, 842' right of centerline, 50' AGL/820' MSL.
Tree 1563' from DER, 25' right of centerline, 61' AGL/748' MSL.
Multiple trees beginning 1004' from DER, 607' left of centerline, 50' AGL/767' MSL.
Tower 1725' from DER, 930' left of centerline, 47' AGL/753' MSL.
Vent on building 3029' from DER, 629' right of centerline, 10' AGL/783' MSL.
Multiple bushes beginning 194' from DER, 88' left of centerline, 7' AGL/712' MSL.
Stack 1879' from DER, 25' left of centerline, 51' AGL/751' MSL.
- RWY 14: Multiple trees beginning 805' from DER, 2' right of centerline, up to 112' AGL/811' MSL.
Multiple trees beginning 1205' from DER, 64' left of centerline, up to 80' AGL/770' MSL.
Poles 2810' from DER, 715' right of centerline, 91' AGL/778' MSL.
- RWY 27: Multiple trees beginning 803' from DER, 122' left of centerline, up to 100' AGL/994' MSL.
Tree 783' from DER, 105' right of centerline, 25' AGL/725' MSL.
OL antenna 996' from DER, 304' right of centerline, 67' AGL/767' MSL.
Light pole 1328' from DER, 222' left of centerline, 50' AGL/747' MSL.
Building 2049' from DER, 837' right of centerline, 57' AGL/761' MSL.
Flagpole 2333' from DER, 199' left of centerline, 78' AGL/778' MSL.
Stack 1.8 NM from DER, 635' left of centerline, 569' AGL/1279' MSL.
- RWY 32: Road and vehicle 2111' from DER, 482' left of centerline, 17' AGL/717' MSL.
Railroad beginning 369' from DER, 329' left of centerline, up to 23' AGL/727' MSL.
Pipe on DME 383' from DER, 269' right of centerline, 17' AGL/722' MSL.
Tree 1152' from DER, 209' left of centerline, 44' AGL/744' MSL.
Tree 1685' from DER, 277' right of centerline, 75' AGL/770' MSL.
Sign 5668' from DER, 1924' left of centerline, 86' AGL/874' MSL.
Trees 5614' from DER, 1796' right of centerline, 100' AGL/939' MSL.
Building 5779' from DER, 1733' right of centerline, 72' AGL/910' MSL.
Pole 1 NM from DER, 1835' right of centerline, 157' AGL/973' MSL.
Building 1.1 NM from DER, 2170' left of centerline, 122' AGL/886' MSL.
Multiple buildings beginning 1.1 NM from DER, 378' left of centerline, up to 142' AGL/918' MSL.

NC-1, 22 OCT 2009 to 19 NOV 2009

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