



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 088° to 1400 for radar vectors to MSP VOR/DME then on MSP R-138 to JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence . . . .

TAKEOFF RUNWAY 13: Climb heading 125° to 1300 for radar vectors to MSP VOR/DME then on MSP R-138 to JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence . . . .

TAKEOFF RUNWAY 14: Climb heading 143° to 1400 for radar vectors to MSP VOR/DME then on MSP R-138 to JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence . . . .

TAKEOFF RUNWAY 27: Climb heading 268° to 1700 for radar vectors to MSP VOR/DME then on MSP R-138 to JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence . . . .

TAKEOFF RUNWAY 32: Climb heading 323° to 1400 for radar vectors to MSP VOR/DME then on MSP R-138 to JEDET INT/MSP 34 DME, at or above 4000; then on ODI R-301 to ZMBRO INT/ODI 50 DME, thence . . . .

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

NODINE TRANSITION (ZMBRO4.ODI): From over ZMBRO INT via ODI R-301 to ODI VORTAC.

TAKEOFF OBSTACLE NOTES

- RWY 9: Mobile crane 1362' from DER, 124' left of centerline, 68' AGL/58' MSL. Trees and silo 1464' from DER, 178' right of centerline, up to 116' AGL/816' MSL. Trees and pole beginning 1.1 NM from DER, left and right of centerline, up to 100' AGL/1099' MSL.
- RWY 13: Tree and tower beginning 1125' from DER, 609' left of centerline, up to 67' AGL/767' MSL. Tree, pole, vent on building, stacks and OL on stack beginning 1672' from DER, 55' right of centerline, up to 120' AGL/820' MSL. Trees beginning 1.9 NM from DER, 2938' left of centerline, up to 100' AGL/1020' MSL.
- RWY 14: Trees, OL on DME antenna, and pole beginning 290' from DER, 1' right of centerline, up to 129' AGL/819' MSL. Trees and pole beginning 1099' from DER, 6' left of centerline, up to 87' AGL/777' MSL.
- RWY 27: Trees, light pole, and flagpole beginning 617' from DER, 198' left of centerline, up to 119' AGL/829' MSL. OL on antenna, buildings, tower, and tree beginning 810' from DER, 26' right of centerline, up to 165' AGL/955' MSL. Trees and building beginning 3886' from DER, 120' left of centerline, up to 84' AGL/1014' MSL. Tower 1.7 NM from DER, 633' left of centerline, 569' AGL/1279' MSL.
- RWY 32: Vehicle on road, trees, railroad, poles, and navaid beginning 179' from DER, 267' right of centerline, up to 58' AGL/758' MSL. Vehicle on road, railroad, and trees beginning 192' from DER, up to 59' AGL/759' MSL. Navaid 257' from DER, on centerline, 26' AGL/726' MSL. Trees, poles, buildings, and tower beginning 3674' from DER, 616' right of centerline, up to 157' AGL/973' MSL. Trees, buildings, tower, sign, and stack beginning 1924' from DER, 378' left of centerline, up to 143' AGL/969' MSL.

NC-1, 07 FEB 2013 to 07 MAR 2013

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