

# MNATE ONE DEPARTURE (RNAV)



## DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 8L, 8R, 9: Climb heading 092° to 520', then right turn direct VKZ VOR/DME, then via depicted route to MNATE, thence. . . .

TAKE-OFF RUNWAY 12: Climb heading 124° to 520', then direct SABRA, then via depicted route to MNATE, thence. . . .

TAKE-OFF RUNWAY 26R: Climb heading 272° to 520', then direct LICEY, then via depicted route to MNATE, thence. . . .

TAKE-OFF RUNWAY 26L: Climb heading 272° to 520', then left turn direct JADAK, then via depicted route to MNATE, thence. . . .

TAKE-OFF RUNWAY 27: Climb heading 272° to 520', then left turn direct GRITT, then via depicted route to MNATE, thence. . . .

TAKE-OFF RUNWAY 30: Climb heading 304° to 520', then left turn direct LICEY, then via depicted route to MNATE, thence. . . .

. . . . Maintain 5000 or ATC assigned altitude. Expect further clearance to filed altitude within 10 minutes after departure.

### TAKE-OFF OBSTACLES:

NOTE: Rwy 8L, Bldg 3391' from DER, 1024' left of centerline, 160' AGL/172' MSL. Glideslope antenna 804' from DER, 501' right of centerline, 32' AGL/46' MSL. Multiple towers and bldgs beginning 1350' from DER, 691' left of centerline, up to 150' AGL/164' MSL.

NOTE: Rwy 8R, Tree 4064' from DER, 959' right of centerline, 98' AGL/112' MSL. Antenna and multiple trees beginning 2719' from DER, 194' left of centerline, up to 85' AGL/98' MSL.

NOTE: Rwy 9, Light 1232' from DER, 785' left of centerline, 39' AGL/48' MSL. Windsock 22' from DER, 438' right of centerline, 21' AGL/30' MSL.

NOTE: Rwy 12, Railroad beginning 4' from DER, 356' right of centerline, 23' AGL/28' MSL. Building and tree beginning 1064' from DER, 118' right of centerline, up to 94' AGL/108' MSL. Windsock 681' from DER, 345' left of centerline, 21' AGL/30' MSL.

NOTE: Rwy 26R, Tower, building, multiple light poles and trees beginning 741' from DER, 1' right of centerline, up to 66' AGL/80' MSL. Pole, bldg, and tower beginning 255' from DER, 5' left of centerline, up to 34' AGL/48' MSL.

NOTE: Rwy 26L, Tower and multiple trees beginning 1306' from DER, 638' right of centerline, up to 63' AGL/77' MSL. Tree and light pole beginning 1773' from DER, 568' left of centerline, up to 61' AGL/75' MSL.

NOTE: Rwy 27, Railroad, tree, and multiple light poles beginning 750' from DER, 94' left of centerline, up to 62' AGL/76' MSL.

NOTE: Rwy 30, Pole, multiple towers and trees beginning 1414' from DER, 189' right of centerline, up to 120' AGL/125' MSL. Tree 2058' from DER, 785' left of centerline, 52' AGL/66' MSL.

SE-3, 07 FEB 2013 to 07 MAR 2013

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