

RADAR required.

RNAV 1 - DME/DME/IRU or GPS.

MIAMI, FLORIDA



DUCEN

MSA OPF 25 Ny **ENWO** 2900

TOP ALTITUDE: ASSIGNED BY ATC

to 16 MAY 2024

18 APR 2024

SE-3,

TAKEOFF MINIMUMS

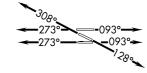
Rwy 9L: Standard with minimum climb of 500'/NM to 1000. Rwy 9R: Standard with minimum climb of 500'/NM to 700. Rwys 12, 27R: Standard with minimum climb of 500'/NM to 600.

Rwys 27L, 30: Standard.

PERTS \GFRS 5000

NOTE: Jet aircraft only.

NOTE: Accelerate to 250K until leaving 10000, if unable, advise ATC.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 9L/R: Climb on heading 093° or as assigned by ATC for RADAR vectors to cross AGERS at or above 5000, thence. . . .

TAKEOFF RUNWAY 12: Climb on heading 128° or as assigned by ATC for RADAR vectors to cross AGERS at or above 5000, thence. . . .

TAKEOFF RUNWAYS 27L/R: Climb on heading 273° or as assigned by ATC for RADAR vectors to cross AGERS at or above 5000, thence. . . .

TAKEOFF RUNWAY 30: Climb on heading 308° or as assigned by ATC for RADAR vectors to cross AGERS at or above 5000, thence. . . .

. . . . on track 360° to PERTS, then on track 357° to ALTNN, then on assigned transition, maintain ATC assigned altitude. Expect filed altitude within 10 minutes after departure.

DUCEN TRANSITION (ALTNN2.DUCEN)