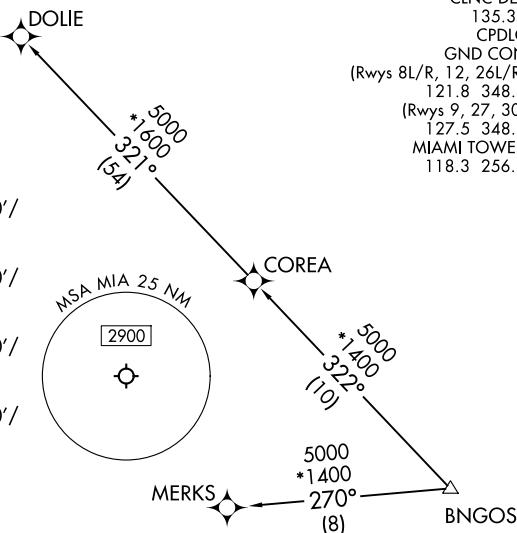


## BNGOS FOUR DEPARTURE(RNAV) Transition Routes

MIAMI INTL (MIA)  
MIAMI, FLORIDA

RNAV-1 DME/DME/IRU or GPS. RADAR required.	<b>TOP ALTITUDE:</b> <b>5000</b>	MIAMI DEP CON 119.45 290.325 D-ATIS 133.675 CLNC DEL 135.35 CPDLC GND CON (Rwy 8L/R, 12, 26L/R) 121.8 348.6 (Rwy 9, 27, 30) 127.5 348.6 MIAMI TOWER 118.3 256.9
<p>NOTE: Jet aircraft only. NOTE: Accelerate to 250K until leaving 10000, if unable, advise ATC. NOTE: MERKS Transition ATC assigned only except aircraft landing: MKY, RSW, APF, PGD and FMY.</p> <p><b>TAKEOFF MINIMUMS</b></p> <p>Rwy 8L: Standard with minimum climb of 500'/NM to 520, then minimum climb of 215'/NM to 1400. Rwy 8R: Standard with minimum climb of 500'/NM to 520, then minimum climb of 235'/NM to 1400. Rwy 9: Standard with minimum climb of 500'/NM to 520, then minimum climb of 240'/NM to 1400. Rwy 12: Standard with minimum climb of 500'/NM to 520, then minimum climb of 230'/NM to 1400. Rwys 26L/R, 27, 30: Standard with minimum climb of 500'/NM to 520.</p> <p>NOTE: Chart not to scale.</p>		



**DEPARTURE ROUTE DESCRIPTION**  
SEE ADDITIONAL REQUIREMENTS ON AAUP

TAKEOFF RUNWAYS 8L/R: Climb on heading 092° to 520, then direct CSALT, then on track 007° to DEALZ, then on track 348° to LIIVV, then on track 297° to NIBLT, then on track 312° to cross MRENO at or above 5000, thence. . .

TAKEOFF RUNWAY 9: Climb on heading 092° to intercept course 082° to CSALT, then on track 007° to DEALZ, then on track 348° to LIIVV, then on track 297° to NIBLT, then on track 312° to cross MRENO at or above 5000, thence. . .

TAKEOFF RUNWAY 12: Climb on heading 124° to intercept course 078° to CSALT, then on track 007° to DEALZ, then on track 348° to LIIVV, then on track 297° to NIBLT, then on track 312° to cross MRENO at or above 5000, thence. . .

TAKEOFF RUNWAYS 26L/R: Climb on heading 272° to intercept course 282° to KROCS, then on track 315° to RUSSS, then on track 325° to cross MRENO at or above 5000, thence. . .

TAKEOFF RUNWAY 27: Climb on heading 272° to intercept course 298° to KROCS, then on track 315° to RUSSS, then on track 325° to cross MRENO at or above 5000, thence. . .

TAKEOFF RUNWAY 30: Climb on heading 304° to 520, then direct WADLE, then on track 323° to cross MRENO at or above 5000, thence. . .

... on track 322° to BNGOS, then on transition, maintain 5000, expect clearance to filed altitude within 10 minutes after departure.

COREA TRANSITION (BNGOS4.COREA)

DOLIE TRANSITION (BNGOS4.DOLIE)

MERKS TRANSITION (BNGOS4.MERKS)