

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

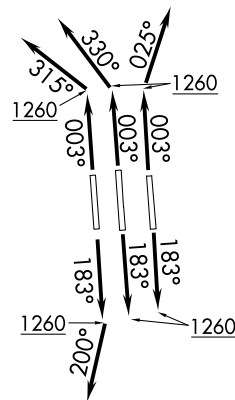
**TOP ALTITUDE:
8000**

CHARLOTTE DEP CON
120.5 257.2
D-ATIS DEP
132.1
CLNC DEL
127.15 348.6
CPDLC
GND CON
121.8 348.6 (W)
121.9 348.6 (E)
CHARLOTTE TOWER
118.1 257.8 (18-36)
126.4 257.8 (1R-19L)
133.35 257.8 (1L-19R)

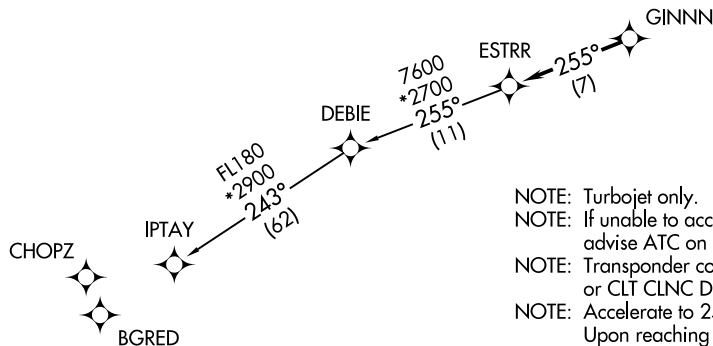
TAKEOFF MINIMUMS

Rwys 1R, 18, 19L/R, 36: Standard with minimum climb of 500'/NM to 1260.

Rwy 1L: Standard with minimum climb of 500'/NM to 1400.



N

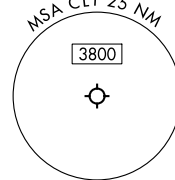


NOTE: Turbojet only.

NOTE: If unable to accept climb rates, advise ATC on initial contact.

NOTE: Transponder code will be issued via PDC or CLT CLNC DEL.

NOTE: Accelerate to 250K, if unable advise ATC. Upon reaching 10000 MSL, accelerate to and maintain 280K, if unable advise ATC.



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

ESTRR EIGHT DEPARTURE (RNAV)
(ESTRR8.ESTRR) 03SEP26CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA(ESTRR8.ESTRR) 26246
ESTRR EIGHT DEPARTURE (RNAV)

AL-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA



DEPARTURE ROUTE DESCRIPTION

SEE ADDITIONAL REQUIREMENTS ON AAUP

TAKEOFF RUNWAY 1L: Climb on heading 003° to 1260, then on heading 315° for vectors to GINNN, thence. . .

TAKEOFF RUNWAY 1R: Climb on heading 003° to 1260, then on heading 330° for vectors to GINNN, thence. . .

TAKEOFF RUNWAYS 18, 19L: Climb on heading 183° to 1260, for vectors to GINNN, thence. . .

TAKEOFF RUNWAY 19R: Climb on heading 183° to 1260, then on heading 200° for vectors to GINNN, thence. . .

TAKEOFF RUNWAY 36: Climb on heading 003° to 1260, then on heading 025° for vectors to GINNN, thence. . .

. . .on track 255° to ESTRR, then on IPTAY Transition. Maintain 8000. Expect filed altitude 10 minutes after departure.

IPTAY TRANSITION (ESTRR8.IPTAY)