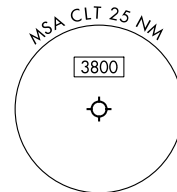
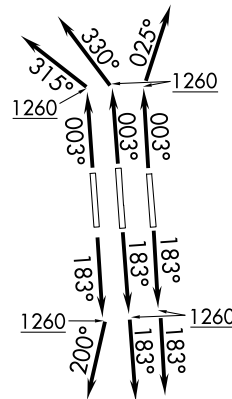


RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

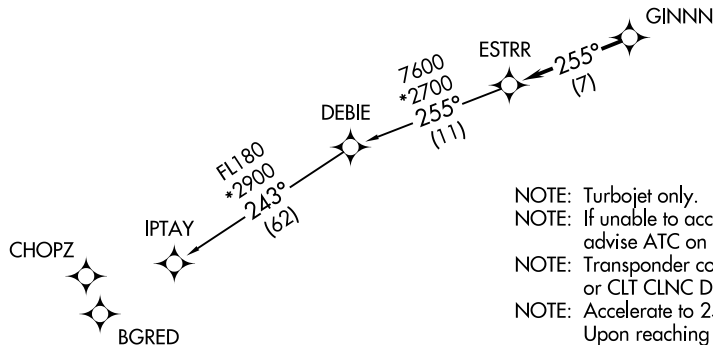
TOP ALTITUDE:
8000(ESTRR7.ESTRR) 26190
ESTRR SEVEN DEPARTURE (RNAV)

AL-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA**TAKEOFF MINIMUMS**

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

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



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.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

ESTRR SEVEN DEPARTURE (RNAV)
(ESTRR7.ESTRR) 09JUL26CHARLOTTE, NORTH CAROLINA
CHARLOTTE/DOUGLAS INTL (CLT)



DEPARTURE ROUTE DESCRIPTION

SEE ADDITIONAL REQUIREMENTS ON AAUP

TAKEOFF RUNWAY 1L: Climb on heading 003° to 1260, then on heading 315° or as assigned by ATC for RADAR vectors to GINNN, thence. . .

TAKEOFF RUNWAY 1R: Climb on heading 003° to 1260, then on heading 330° or as assigned by ATC for RADAR vectors to GINNN, thence. . .

TAKEOFF RUNWAYS 18L, 19L: Climb on heading 183° to 1260, then on heading 183° or as assigned by ATC for RADAR vectors to GINNN, thence. . .

TAKEOFF RUNWAY 19R: Climb on heading 183° to 1260, then on heading 200° or as assigned by ATC for RADAR vectors to GINNN, thence. . .

TAKEOFF RUNWAY 36R: Climb on heading 003° to 1260, then on heading 025° or as assigned by ATC for RADAR vectors to GINNN, thence. . .

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

IPTAY TRANSITION (ESTRR7.IPTAY)