

TOP ALTITUDE:
8000

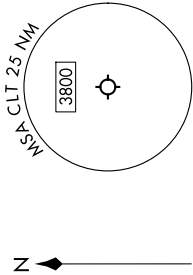
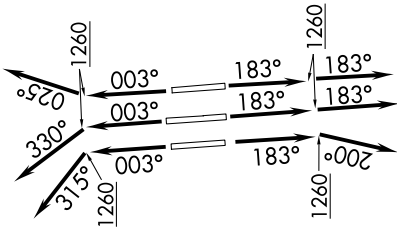
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

(ESTRR5.ESTRR) 25051
ESTRR FIVE DEPARTURE (RNAV)

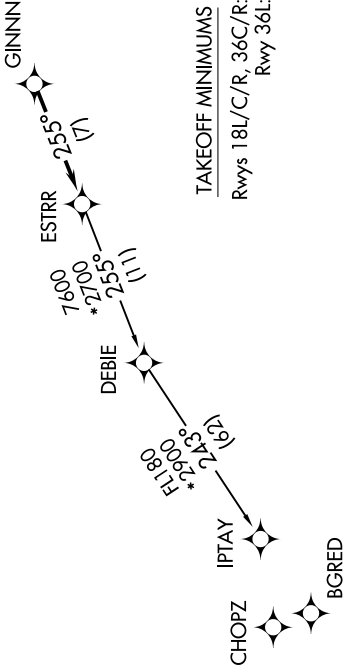
AL-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)
CHARLOTTE, NORTH CAROLINA

CHARLOTTE DEP CON
120.5 257.2
D-ATIS DEP 132.1
CLNC DEL
127.15 348.6
GND CON
121.8 348.6 (WEST)
121.9 348.6 (EAST)
CHARLOTTE TOWER
118.1 257.8 (Rwys 18L-36R)
126.4 257.8 (Rwy 18C-36C)
133.35 257.8 (Rwy 18R-36L)



- NOTE: For turbo jets only.
- NOTE: If unable to accept climb rates, advise ATC on initial contact.
- NOTE: Transponder code will be issued via PDC or Charlotte CLNC DEL.
- NOTE: Accelerate to 250K, if unable advise ATC. Upon reaching 10000 MSL, accelerate to and maintain 280K, if unable advise ATC.



TAKEOFF MINIMUMS
Rwys 18L/C/R, 36C/R:
Rwy 36L:

Standard with minimum climb of 500' per NM to 1260.
Standard with minimum climb of 500' per NM to 1400.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

SEE ADDITIONAL REQUIREMENTS ON AAUP

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

TAKEOFF RUNWAY 18R: Climb on heading 183° to 1260, then on heading 200° or as assigned by ATC on RADAR vectors to GINNN, thence. . . .

TAKEOFF RUNWAY 36C: Climb on heading 003° to 1260, then on heading 330° or as assigned by ATC on RADAR vectors to GINNN, thence. . . .

TAKEOFF RUNWAY 36L: Climb on heading 003° to 1260, then on heading 315° or as assigned by ATC on RADAR vectors to GINNN, thence. . . .

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

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

IPTAY TRANSITION (ESTRR5.IPTAY)