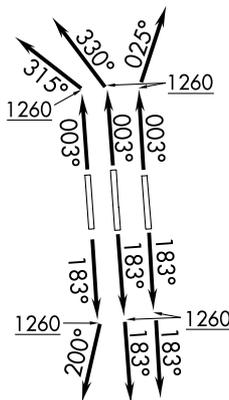


ESTRR FIVE DEPARTURE (RNAV)  
(ESTRR5. ESTRR) 21 MAR 24

**TOP ALTITUDE:  
8000**

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

- 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.

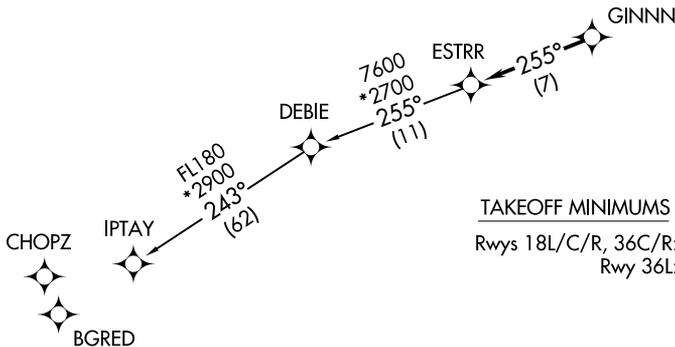
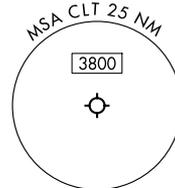


CHARLOTTE DEP CON 120.5 257.2  
D-ATIS DEP 132.1  
CLNC DEL 127.15 348.6  
GND CON 121.8 348.6 (WEST)  
121.9 348.6 (EAST)  
CHARLOTTE TOWER 118.1 257.8 (Rwys 18L-36R)  
126.4 257.8 (Rwy 18C-36C)  
133.35 257.8 (Rwy 18R-36L)

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

AL-78 (FAA)

CHARLOTTE/DOUGLAS INTL (CLT)  
CHARLOTTE, NORTH CAROLINA



TAKEOFF MINIMUMS

Rwys 18L/C/R, 36C/R: Standard with minimum climb of 500' per NM to 1260.  
Rwy 36L: Standard with minimum climb of 500' per NM to 1400.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

CHARLOTTE, NORTH CAROLINA  
CHARLOTTE/DOUGLAS INTL (CLT)

# ESTRR FIVE DEPARTURE (RNAV)



## 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)

SE-2, 19 MAR 2026 to 16 APR 2026

SE-2, 19 MAR 2026 to 16 APR 2026