

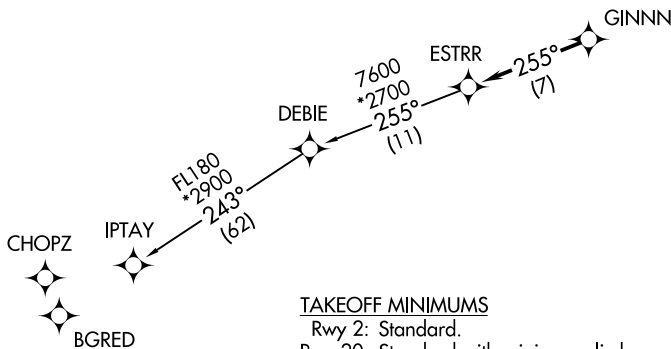
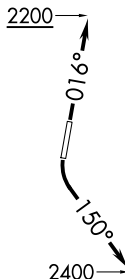
# ESTRR FIVE DEPARTURE (RNAV)

CHARLOTTE DEP CON  
128.325 307.8  
ATIS  
133.675  
CLNC DEL  
118.55  
CLNC DEL (when twr closed)  
127.25  
GND CON  
121.85  
CONCORD TOWER ★  
134.65 (CTAF)  
UNICOM  
122.95

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

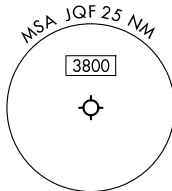
**TOP ALTITUDE:  
3000**

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



### TAKEOFF MINIMUMS

Rwy 2: Standard.  
Rwy 20: Standard with minimum climb of 320' per NM to 2400.



NOTE: Chart not to scale.

### DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 016° to 2200, then on heading assigned by ATC, thence. . . .

TAKEOFF RUNWAY 20: Climbing left turn heading 150° to 2400, then on heading assigned by ATC, thence. . . .

. . . .on RADAR vectors to GINNN, then on track 255° to ESTRR, then on IPTAY Transition. Maintain 3000, expect clearance to filed altitude within 10 minutes after departure.

IPTAY TRANSITION (ESTRR5.IPTAY)