## ESTRR FIVE DEPARTURE (RNAV)

TOP ALTITUDE: 3000

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

CHARLOTTE DEP CON 128.325 307.8 AWOS-3 118.175 CLNC DEL 127.35 UNICOM (CTAF) 122.725

## TAKEOFF MINIMUMS

Rwy 2: Standard.

Rwy 20: 400-23/4 or standard with minimum climb of 205' per NM to 1300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1200' prior to DER.



GINNN 7600 \*2700 DEBIE **IPTAY** CHOPZ For turbo jets only. NOTE: If unable to accept climb rates, advise ATC on initial contact. NOTE: Transponder code will be issued via

NSA RUQ 25 M PDC or Charlotte CLNC DEL. 3400

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

NOTE: Chart not to scale.

26 DEC 2024 to 23 JAN 2025

## V

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading assigned by ATC, thence. . . . TAKEOFF RUNWAY 20: Climb on heading 202° to 1700 before turning right, 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)