

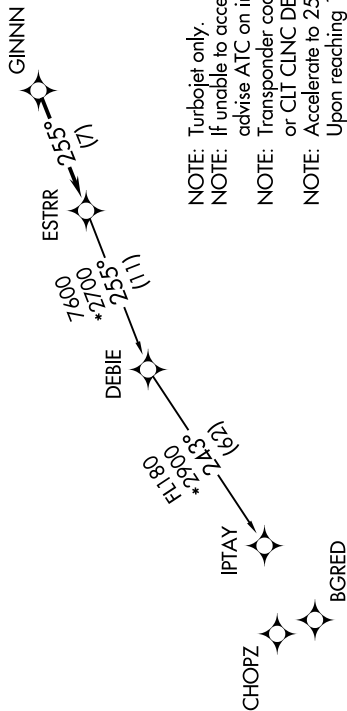
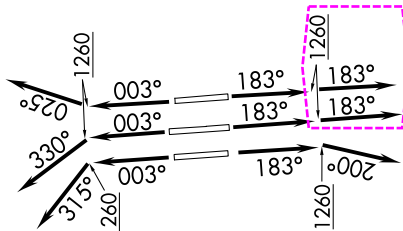
TOP ALTITUDE:
8000

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

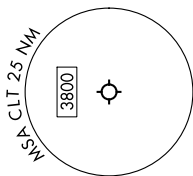
CHARLOTTE DEP CON
120.5 257.2
D-ATIS DEP
132.1
CLINC DEL
127.15 348.6
CPDIC
GND CON
121.8 348.6 (W)
121.9 348.6 (E)
CHARLOTTE TOWER
111.8 1 257.8 (18L-36R)
126.4 257.8 (1R-19L)
133.35 257.8 (1L-19R)

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)

SE-2, 06 AUG 2026 to 03 SEP 2026

ESTRR SEVEN DEPARTURE (RNAV)
(ESTRR7.ESTRR) 09JUL26

CHARLOTTE, NORTH CAROLINA
CHARLOTTE/DOUGLAS INTL (CLT)

(ESTRR7.ESTRR) 26190

AL-78 (FAA)

ESTRR SEVEN DEPARTURE (RNAV)

CHARLOTTE/DOUGLAS INTL (CLT)

CHARLOTTE, NORTH CAROLINA



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)

ESTRR SEVEN DEPARTURE (RNAV)

(ESTRR7.ESTRR) 09JUL26

CHARLOTTE, NORTH CAROLINA

CHARLOTTE/DOUGLAS INTL (CLT)

SE-2, 06 AUG 2026 to 03 SEP 2026

SE-2, 06 AUG 2026 to 03 SEP 2026

(ESTRR8.ESTRR) 26246

AL78 (FAA)

ESTRR EIGHT DEPARTURE (RNAV)

CHARLOTTE/DOUGLAS INTL (CLT)

CHARLOTTE, NORTH CAROLINA

SE-2, 03 SEP 2026 to 01 OCT 2026

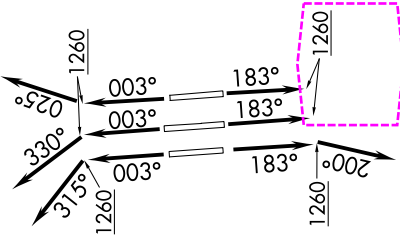
CHARLOTTE DEP CON
120.5 257.2
D-ATIS DEP
132.1
CLINC DEL
127.15 348.6
CPDLC
GND CON
121.8 348.6 (W)
121.9 348.6 (E)
CHARLOTTE TOWER
118.1 257.8 (118-36)
126.4 257.8 (118-191)
133.35 257.8 (11-198)

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

TOP ALTITUDE:

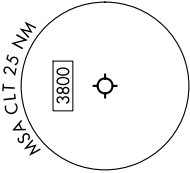
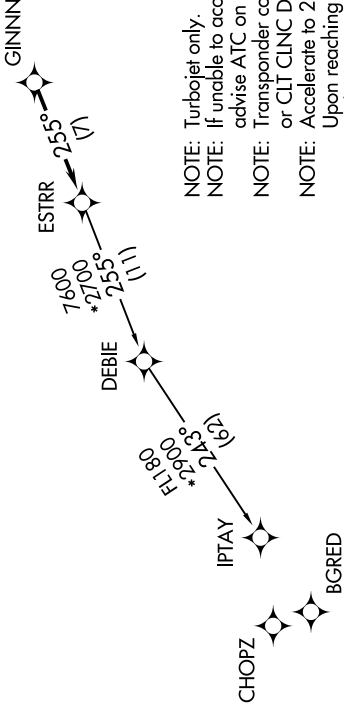
8000



TAKEOFF MINIMUMS

Rwys 1R, 19L/R: 36' 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 CLINC 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)

SE-2, 03 SEP 2026 to 01 OCT 2026

(ESTRR8.ESTRR) 03SEP26

CHARLOTTE, NORTH CAROLINA

CHARLOTTE/DOUGLAS INTL (CLT)



DEPARTURE ROUTE DESCRIPTION

SEE ADDITIONAL REQUIREMENTS ON AAUP

- TAKEOFF RUNWAY 11: Climb on heading 003° to 1260, then on heading 315° for

vectors to GINNN, thence. . .
- TAKEOFF RUNWAY 1R: Climb on heading 003° to 1260, then on heading 330° for

vectors to GINNN, thence. . .
- TAKEOFF RUNWAYS 18, 19L: Climb on heading 183° to 1260, for vectors to GINNN,

thence. . .
- TAKEOFF RUNWAY 19R: Climb on heading 183° to 1260, then on heading 200° for

vectors to GINNN, thence. . .
- TAKEOFF RUNWAY 36: Climb on heading 003° to 1260, then on heading 025° for

vectors to GINNN, thence. . .

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

IPTAY TRANSITION (ESTRR8 IPTAY)