FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

CLT:

TAKEOFF RWY 1L: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 315.00 FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 1R: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 330.00 FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 18: CLIMB ON HEADING 182.97 TO 1260, FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 19L: CLIMB ON HEADING 182.96 TO 1260, FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 19R: CLIMB ON HEADING 182.96 TO 1260, THEN ON HEADING 200.00 FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 36: CLIMB ON HEADING 002.97 TO 1260, THEN ON HEADING 025.00 FOR VECTORS TO MESHY, THENCE…

…ON DEPICTED ROUTE TO BATTA, THEN ON ASSIGNED TRANSITION. MAINTAIN 8000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

JQF:

TAKEOFF RWY 2: CLIMB ON HEADING 016.46 TO 2200, FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 20: CLIMBING LEFT TURN HEADING 150.00 TO 2400, FOR VECTORS TO MESHY, THENCE…

AKH:

TAKEOFF RWY 3: CLIMB ON HEADING 049.34 TO 2700 BEFORE TURNING LEFT, FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 21: CLIMB ON HEADING 214.33 TO 1600 BEFORE PROCEEDING NORTH, FOR VECTORS TO MESHY, THENCE…

IPJ:

TAKEOFF RWY 5: CLIMB ON HEADING 063.15 TO 2000 BEFORE PROCEEDING ON COURSE, FOR VECTORS TO MESHY, THENCE…
TAKEOFF RWY 23: CLIMB ON HEADING 243.16 TO 2800 BEFORE TURNING LEFT, FOR VECTORS TO MESHY, THENCE…

RUQ:

TAKEOFF RWY 2: CLIMB ON ASSIGNED HEADING FOR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 20: CLIMB ON HEADING 201.99 TO 1700 BEFORE TURNING RIGHT, FOR VECTORS TO MESHY, THENCE…

…ON DEPICTED ROUTE TO BATTA. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING EQY, LKR, VUJ, UZA: CLIMB ON ASSIGNED HEADING FOR VECTORS TO MESHY, THEN ON DEPICTED ROUTE TO BATTA. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
NUTZE	BATTA1.NUTZE	BATTA	NUTZE	TRACK 084.16	70.31	11000	3400	
RALEIGH/DURHAM	BATTA1.RDU	BATTA	RDU VORTAC	TRACK 048.41	22.45	11000	2300	
TAR RIVER	BATTA1.TYI	BATTA	TYI VORTAC	TRACK 077.75	71.39	11000	3300	

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: TURBOJET ONLY.
NOTE: MAINTAIN 250 KIAS UNTIL REACHING 10000 MSL, THEN MAINTAIN 280 KIAS.

TAKEOFF MINIMUMS:

CLT:
RWY 1R, 18, 19L, 19R, 36: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1260.
RWY 1L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1400.

JQF:
RWY 2: STANDARD.
RWY 20: STANDARD WITH MINIMUM CLIMB OF 320 FT/NM TO 2400.

AKH:
RWY 3, 21: STANDARD.

EQY:
RWY 5, 23: STANDARD.

IPJ:
RWY 5: STANDARD.
RWY 23: 300-1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 308 FT/NM TO 1200.

LKR:
RWY 6: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 268 FT/NM TO 700.
RWY 24: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 275 FT/NM TO 700.

VUJ:
RWY 4L, 22R: NA - ENVIRONMENTAL.
RWY 22L: STANDARD
RWY 4R: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 315 FT/NM TO 1000.

RUQ:
RWY 2: STANDARD.
RWY 20: 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 203 FT/NM TO 1300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DER.

UZA:
RWY 2, 20: STANDARD.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

CLT:
RWY 1L: 2748 FT MSL TOWER (37-001067) 352145.00N/0810918.00W.

JQF:
RWY 20: 1950 FT MSL TOWER (37-001412) 351715.00N/0804144.00W

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

AKH:
RWY 3, 21: 2754 FT MSL TWR (37-001173) 352049.00N/0811014.00W (CLIMB-TO ALTITUDE).

IPJ:
RWY 5: 2340 FT MSL TWR (37-001120) 352426.51N/0810746.67W (CLIMB-TO ALTITUDE).
RWY 23: 1052 FT MSL TREE 352821.00N/0811103.00W (CLIMB GRADIENT)(CLIMB GRADIENT TERMINATION ALTITUDE)(CEILING), 1052 FT MSL TREE 352818.00N/0811109.00W (VISIBILITY), 2719 FT MSL TWR (37-000949) 352151.00N/0811112.00W (CLIMB-TO ALTITUDE)

LKR:
RWY 6: 641 FT MSL TREE 344348.00N/0804945.00W (CLIMB GRADIENT)(CLIMB GRADIENT TERMINATION ALTITUDE), 654 FT MSL TREE 344351.00N/0804936.00W (CEILING), 654 FT MSL TREE 344351.00N/0804933.00W (VISIBILITY)
RWY 24: 618 FT MSL TREE 344257.00N/0805248.00W (CLIMB GRADIENT)(CLIMB GRADIENT TERMINATION ALTITUDE), 622 MSL TREE 344254.00N/0805300.00W (CEILING)(VISIBILITY)

VUJ:
RWY 4R: 732 FT MSL TREE (37-111225) 352557.53N/0800829.12W (CLIMB GRADIENT), 803 FT MSL TREE (37-112801) 352620.07N/0800816.77W (CLIMB GRADIENT TERMINATION ALTITUDE), 820 FT MSL TREE (37-116182) 352627.52N/0800810.70W (CEILING), 790 FT MSL TREE (37-114938) 352637.40N/0800804.59W (VISIBILITY).

RUQ:
RWY 20: 1121 FT MSL TOWER (37-000253) 353613.00N/0803234.12W.

MSA:
CLT, 3800
JQF, 3800
AKH, 3800
EQY, 3100
IPJ, 4200
LKR, 2300
VUJ, 3100
RUQ, 3400
UZA, 3800

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: CLT (P) 7W/2000, JQF 6W/1995, AKH 6W/2000, EQY 6W/1990, IPJ 6W/1995, LKR 7W/2000, VUJ 6W/1985, RUQ 6W/1985, UZA 5W/1990.
DME/DME ASSESSMENT: SAT RNP (2.0).
CLT - CHART: TOP ALTITUDE: 8000.
AKH, EQY, LKR, IPJ, JQF, RUQ, UZA, VUJ - CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
CLT	CHARLOTTE	NC
AKH	GASTONIA	NC
EQY	MONROE	NC
IPJ	LINCOLNTON	NC
JQF	CONCORD	NC
LKR	LANCASTER	SC

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

RUQ	SALISBURY	NC
UZA	ROCK HILL	SC
VUJ	ALBEMARLE	NC

COMMUNICATIONS:
CLT: CHART**:** ATIS, CLNC DEL, GND CON, TOWER, CPDLC.
JQF: CHART: ATIS, CLNC DEL, GND CON, TOWER, UNICOM.
AKH: CHART: ASOS, CLNC DEL, UNICOM.
EQY: CHART: ASOS, CLNC DEL, UNICOM.
IPJ: CHART: AWOS, CLNC DEL (GCO), UNICOM.
LKR: CHART: AWOS, GCO, UNICOM.
VUJ: CHART: ATIS, CLNC DEL, GND CON, TOWER.
RUQ: CHART AWOS, CLNC DEL, UNICOM.
UZA: CHART: ASOS, CLNC DEL, UNICOM.

FIXES AND/OR NAVAIDS:
GULFY

REMARKS:
1. 100 FOOT VEGETATION HEIGHT USED PER FPT.
2. JQF RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT/NM FOR PUBLICATION (COMPUTED VALUE 317 FT/NM).
3. CHART: NOTE: (CLT ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP.
4. CLT, JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.
5. CLT RWY 1L CONTROLLING OBSTACLE REQUIRES A MINIMUM CLIMB OF 210 FT/NM TO 3400. MINIMUM CLIMB OF 500 FT/NM TO 1400 MITIGATES OBSTACLE.

8260-1 WAIVERS:
1. WAIVER - STANDARDIZATION OF CLIMB GRADIENTS FOR ALL RNAV DEPARTURE PROCEDURES WITHIN CLT ATCT/TRACON AIRSPACE.
2. WAIVER - AN ATC REQUESTED MAINTAIN ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION.
3. WAIVER - NO CHARTING OF IF ALTITUDE.
4. WAIVER - USING LESS ROC THAN REQUIRED FOR DP LEVEL OCS.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE
GALEN W COLLINS	*Digitally signed by* ***APRIL T SARMENTO*** Jul 02, 2026	AJF	07/02/2026

DEVELOPED BY	SIGNATURE	OFFICE	DATE
CHARLES HIRST	*Digitally signed by* ***CHARLES HIRST*** May 21, 2026	AJV-A431	04/15/2026

APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
CASIMIR TABAKA	*Digitally signed by* ***APRIL T SARMENTO*** Jul 02, 2026	AJV-A431		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, CLT APP CON, CLT ATCT, JQF ATCT, VUJ ATCT, AMGR(S).

CHANGES - REASONS:
5/21/2026: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/15/2026.

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

1. PROCEDURAL DATA NOTES CHANGED FROM "NOTE: MAINTAIN 250K UNTIL REACHING 10000 MSL, THEN MAINTAIN 280K." TO "NOTE: MAINTAIN 250 KIAS UNTIL REACHING 10000 MSL, THEN MAINTAIN 280 KIAS" - IAW 8260.46K PAR A 2-1-5.H
2. CONTROLLING OBSTACLES: VUJ: CHANGED THE VISIBILITY OBSTACLE LONGITUDE CARDINAL DIRECTION FROM N TO W - TYPOGRAPHICAL ERROR
3. COMMUNICATIONS CHANGED FROM "UZA: CHART: ASOS, CLNC DEL, UNICOM" TO "UZA: CHART: ASOS, CLNC DEL, UNICOM." - CORRECTED TYPO ADDED MISSING PERIOD "."
4. REMARKS CHANGED FROM "WAIVER - CHARTING OF NON STANDARD CLIMB GRADIENTS FOR LNAV ENGAGEMENT" TO "STANDARDIZATION OF CLIMB GRADIENTS FOR ALL RNAV DEPARTURE PROCEDURES WITHIN CLT ATCT/TRACON AIRSPACE" - CLARIFYING VERBIAGE TO CORRECTLY MATCH WAIVER

QUALITY 20 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW01L (AER)	351202.23N/0805755.07W	N	-	-	-	-			
1260 MSL	-	-	-	VA	355.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1400
-	-	-	-	VM	308.00	-			
RW01R (AER)	351159.97N/0805702.92W	N	-	-	-	-			
1260 MSL	-	-	-	VA	355.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260
-	-	-	-	VM	323.00	-			
RW18 (AER)	351329.04N/0805610.17W	N	-	-	-	-			
1260 MSL	-	-	-	VA	175.97	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260
-	-	-	-	VM	175.97				
RW19L (AER)	351338.63N/0805711.41W	N	-	-	-	-			
1260 MSL	-	-	-	VA	175.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260
-	-	-	-	VM	175.96	-			
RW19R (AER)	351331.02N/0805802.71W	N	-	-	-	-			
1260 MSL	-	-	-	VA	175.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260
-	-	-	-	VM	193.00	-			
RW36 (AER)	351203.44N/0805602.82W	N	-	-	-	-			
1260 MSL	-	-	-	VA	355.97	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260

QUALITY 20 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BATTA	ONE	BATTA1.BATTA	NONE		3 SEP 2026

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
-	-	-	-	VM	018.00	-			
MESHY	351507.33N/0802756.77W	Y	-	IF	-	-			
GULFY	351800.77N/0800553.10W	Y	FB	TF	080.82	18.29			
BARMY	352229.38N/0795033.89W	Y	FB	TF	070.30	13.31			
BATTA	353530.67N/0790516.19W	Y	FB	TF	070.42	39.21			
BATTA	353530.67N/0790516.19W	Y	-	IF	-	-			BATTA1.NUTZE
NUTZE	355040.43N/0774056.72W	Y	FB	TF	077.16	70.31			
BATTA	353530.67N/0790516.19W	Y	-	IF	-	-			BATTA1.RDU
RDU VORTAC	355221.08N/0784700.03W	Y	FB	TF	041.41	22.45			
BATTA	353530.67N/0790516.19W	Y	-	IF	-	-			BATTA1.TYI
TYI VORTAC	355836.21N/0774213.43W	Y	FB	TF	070.75	71.39			

QUALITY 20 CHECKED