

**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 statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>						<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BEAVY						NINE	BEAVY9.BEAVY	EIGHT	07/09/2026	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>					
	☐	☐	☒	☐	☒					

DP ROUTE DESCRIPTION:

CLT:

TAKEOFF RWY 1L: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 315.00 FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 1R: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 330.00 FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 18: CLIMB ON HEADING 182.97 TO 1260, FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 19L: CLIMB ON HEADING 182.96 TO 1260, FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 19R: CLIMB ON HEADING 182.96 TO 1260, THEN ON HEADING 200.00 FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 36: CLIMB ON HEADING 002.97 TO 1260, THEN ON HEADING 025.00 FOR VECTORS TO UGANG, THENCE...

...ON DEPICTED ROUTE TO BEAVY, 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 UGANG, THENCE...

TAKEOFF RWY 20: CLIMBING LEFT TURN HEADING 150.00 TO 2400, FOR VECTORS TO UGANG, THENCE...

AKH:

TAKEOFF RWY 3: CLIMB ON HEADING 049.34 TO 2700 BEFORE TURNING LEFT, FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 21: CLIMB ON HEADING 214.33 TO 1600 BEFORE PROCEEDING NORTH, FOR VECTORS TO UGANG, THENCE...

IPJ:

TAKEOFF RWY 5: CLIMB ON HEADING 063.15 TO 2000 BEFORE PROCEEDING ON COURSE, FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 23: CLIMB ON HEADING 243.16 TO 2800 BEFORE TURNING LEFT FOR VECTORS TO UGANG, THENCE...

RUQ:

TAKEOFF RWY 2: CLIMB ON ASSIGNED HEADING FOR VECTORS TO UGANG, THENCE...

TAKEOFF RWY 20: CLIMB ON HEADING 201.99 TO 1700 BEFORE TURNING RIGHT FOR VECTORS TO UGANG, THENCE...

...ON TRACK 195.62 TO BEAVY. 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 UGANG, THEN ON DEPICTED ROUTE TO BEAVY. THEN ON ASSIGNED TRANSITION MAINTAIN 3000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
JENDO	BEAVY9.JENDO	BEAVY	ANDYS	TRACK 197.08	12.00	9200	2000	
		ANDYS	JENDO	TRACK 201.08	32.91	15800	2000	
GANDT	BEAVY9.GANDT	BEAVY	ANDYS	TRACK 197.08	12.00	9200	2000	
		ANDYS	GANDT	TRACK 225.65	45.76	FL180	2200	

QUALITY
20
CHECKED

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BEAVY	NINE	BEAVY9.BEAVY	EIGHT	07/09/2026	

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

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/0800804.59N (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.
CHART: MEA/MOCA FROM UGANG TO BEAVY, 6800/2300.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
CLT	CHARLOTTE	NC
AKH	GASTONIA	NC
EQY	MONROE	NC
IPJ	LINCOLNTON	NC

QUALITY
20
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BEAVY	NINE	BEAVY9.BEAVY	EIGHT	07/09/2026	
JQF		CONCORD			NC
LKR		LANCASTER			SC
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:

CHART AS STANDALONE FIX: TRAYE.

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. 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.
4. CHART NOTE: (CLT ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP.
5. ABBREVIATED AMENDMENT.
6. CLT, JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT (AJF-17) MEMO
DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL
CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

SIGNATURE

Digitally signed by

APRIL T SARMENTO

Apr 21, 2026

OFFICE

DATE

DEVELOPED BY

CHARLES HIRST

SIGNATURE

Digitally signed by

CHARLES HIRST

Apr 16, 2026

OFFICE

AJV-A431

DATE

04/15/2026

APPROVED BY

CASIMIR TABAKA

SIGNATURE

Digitally signed by

APRIL T SARMENTO

Apr 21, 2026

OFFICE

AJV-A431

DATE

TITLE

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:

1. DP ROUTE DESCRIPTION CHANGED ALL REFERENCES OF CLT RWY 18L AND RWY 36R TO RWY 18/36 - RWY RENUMBERED



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BEAVY	NINE	BEAVY9.BEAVY	EIGHT	07/09/2026	
2. DP ROUTE DESCRIPTION CHANGED ALL REFERENCES FROM "OR AS ASSIGNED BY ATC FOR RADAR VECTORS" TO "FOR VECTORS" – IAW 8260.46K					
3. TAKEOFF MINIMUMS CHANGED ALL REFERENCES OF CLT RWY 18L/36R TO RWY 18/36 - RWY RENUMBERED					
4. TAKEOFF MINIMUMS CHANGED IPJ FROM "RWY 5, 23: STANDARD" TO "RWY 5: STANDARD. RWY 23: 300-1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 308 FT/NM TO 1200" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
5. TAKEOFF MINIMUMS CHANGED LKR FROM "RWY 6, 24: STANDARD" TO "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" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
6. TAKEOFF MINIMUMS RUQ CHANGED FROM "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 1200 FT PRIOR TO DER" TO "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" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
7. CONTROLLING OBSTACLES ADDED "JQF: RWY 20: 1950 FT MSL TOWER (37-001412) 351715.00N/0804144.00W" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
8. CONTROLLING OBSTACLES ADDED "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)" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
9. CONTROLLING OBSTACLES ADDED "AKH: RWY 3, 21: 2754 FT MSL TWR (37-001173) 352049.00N/0811014.00W (CLIMB-TO ALTITUDE)" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
10. CONTROLLING OBSTACLES ADDED "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)" - NEW EVALUATION ON OTHER RADAR VECTOR SIDS THAT ARE PART OF KCLT REDESIGN, INCREASING MINIMA TO REMAIN CONGRUENT					
11. REMARKS ADDED "CLT, JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION" – IAW 8260.3G					
12. REMARKS ADDED "100 FT VEGETATION USED PER FPT" – FOR ADDITIONAL SPECIALIST CLARIFICATION					
13. REMARKS CHANGED FROM "CONCORD-PADGETT RGNL (KJQF) RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT PER NM FOR PUBLICATION (COMPUTED VALUE 317 FT PER NM)" TO "JQF RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT/NM FOR PUBLICATION (COMPUTED VALUE 317 FT/NM)" – IAW 8260.46K					
14. REMARKS REMOVED "MID-CAROLINA RGNL COUNTY (KRUQ) RWY 20 CLIMB GRADIENT ROUNDED TO 205 FT PER NM FOR PUBLICATION (COMPUTED VALUE 202 FT PER NM)" – IAW 8260.46K					
15. REMARKS ADDED "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" – FOR FUTURE SPECIALIST CLARIFICATION IAW 8260.46K					

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BEAVY						NINE	BEAVY9.BEAVY	EIGHT	07/09/2026	
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										

QUALITY
20
CHECKED

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BEAVY		NINE		BEAVY9.BEAVY		EIGHT		07/09/2026	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
-	-	-	-	VM	018.00	-			
UGANG	344824.71N/0810328.07W	Y	-	IF	-	-			
BEAVY	343404.77N/0810605.64W	Y	FB	TF	188.62	14.47			
BEAVY	343404.77N/0810605.64W	Y	-	IF	-	-			BEAVY9.GANDT
ANDYS	342214.70N/0810837.81W	Y	FB	TF	190.08	12.00			
GANDT	334621.61N/0814254.94W	Y	FB	TF	218.65	45.76			
BEAVY	343404.77N/0810605.64W	Y	-	IF	-	-			BEAVY9.JENDO
ANDYS	342214.70N/0810837.81W	Y	FB	TF	190.08	12.00			
JENDO	335015.43N/0811814.75W	Y	FB	TF	194.08	32.91			