

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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BARMY	SEVEN	BARMY7.BARMY	SIX	05/14/2026	

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

DP ROUTE DESCRIPTION:

CLT:
TAKEOFF RWY 19L: CLIMB ON HEADING 182.96 TO 1260, THEN ON HEADING 182.96 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 18L: CLIMB ON HEADING 182.97 TO 1260, THEN ON HEADING 182.97 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 19R: CLIMB ON HEADING 182.96 TO 1260, THEN ON HEADING 200.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 1R: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 330.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 1L: CLIMB ON HEADING 002.96 TO 1260, THEN ON HEADING 315.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...
TAKEOFF RWY 36R: CLIMB ON HEADING 002.97 TO 1260, THEN ON HEADING 025.00 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO MESHY, THENCE...

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

JQF:
TAKEOFF RWY 2: CLIMB ON HEADING 016.46 TO 2200, THEN ON HEADING ASSIGNED BY ATC, THENCE...
TAKEOFF RWY 20: CLIMBING LEFT TURN HEADING 150.00 TO 2400, THEN ON HEADING ASSIGNED BY ATC, THENCE...

AKH:
TAKEOFF RWY 3: CLIMB ON HEADING 049.34 TO 2700 BEFORE TURNING LEFT, THEN ON HEADING ASSIGNED BY ATC, THENCE...
TAKEOFF RWY 21: CLIMB ON HEADING 214.33 TO 1600 BEFORE PROCEEDING NORTH, THEN ON HEADING ASSIGNED BY ATC, THENCE...

IPJ:
TAKEOFF RWY 5: CLIMB ON HEADING 063.15 TO 2000 BEFORE PROCEEDING ON COURSE, THEN ON HEADING ASSIGNED BY ATC, THENCE...
TAKEOFF RWY 23: CLIMB ON HEADING 243.16 TO 2800 BEFORE TURNING LEFT, THEN ON HEADING ASSIGNED BY ATC, THENCE...

RUQ:
TAKEOFF RWY 2: CLIMB ON HEADING ASSIGNED BY ATC, THENCE...
TAKEOFF RWY 20: CLIMB ON HEADING 201.99 TO 1700 BEFORE TURNING RIGHT, THEN ON HEADING ASSIGNED BY ATC, THENCE...

... ON RADAR VECTORS TO MESHY, THEN ON DEPICTED ROUTE TO BARMY. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING EQY, LKR, VUJ, UZA: CLIMB ON HEADING ASSIGNED BY ATC ON RADAR VECTORS TO MESHY, THEN ON DEPICTED ROUTE TO BARMY. 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	BARMY7.NUTZE	BARMY	BATTA	TRACK 077.42	39.21	FL 180	1900	
		BATTA	NUTZE	TRACK 084.16	70.31	FL 180	3400	
RALEIGH/DURHAM	BARMY7.RDU	BARMY	BATTA	TRACK 077.42	39.21	FL 180	1900	

QUALITY
8
CHECKED

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BARMY	SEVEN	BARMY7.BARMY	SIX	05/14/2026	
	BATTA	RDU VORTAC	TRACK 048.41	22.45	FL 180 2300
TAR RIVER	BARMY7.TYI	BARMY	BATTA	TRACK 077.42	39.21 FL 180 1900
	BATTA	TYI VORTAC	TRACK 077.75	71.39	FL 180 3300

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: TURBOJET 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: CHARLOTTE/DOUGLAS INTL ONLY: ACCELERATE TO 250 KIAS, IF UNABLE ADVISE ATC. UPON REACHING 10000 MSL, ACCELERATE TO AND MAINTAIN 280 KIAS, IF UNABLE ADVISE ATC

NOTE: ALL OTHER AIRPORTS: UPON REACHING 10000 MSL, ACCELERATE TO AND MAINTAIN 280 KIAS, IF UNABLE ADVISE ATC.

TAKEOFF MINIMUMS:

CLT:

RWY 19L, 18L, 19R, 1R, 36R: 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, 23: STANDARD.

LKR:

RWY 6, 24: STANDARD.

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 205 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.

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 352145.00N/0810918.00W.

JQF:
RWY 20: 1950 FT MSL TOWER 351715.00N/0804144.00W

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 TO ALTITUDE), 820 FT MSL TREE (37-116182) 352627.52N/0800810.70W (CEILING), 790 FT MSL (37-114938) 352637.40N/0800804.59N (VISIBILITY).

RUQ:
RWY 20: 1121 FT MSL TOWER 353613.00N/0803234.12W.

MSA:
CLT, 3800
JQF, 3800
AKH, 3800
EQY, 3100
IPJ, 3800
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 GULFY TO BARMY, 10400/2100.

AIRPORTS SERVED:

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



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BARMY	SEVEN	BARMY7.BARMY	SIX	05/14/2026	
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. JQF RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT/NM FOR PUBLICATION (COMPUTED VALUE 317 FT/NM).
2. RUQ RWY 20 CLIMB GRADIENT ROUNDED TO 205 FT/NM FOR PUBLICATION (COMPUTED VALUE 202 FT/NM).
3. CHART NOTE: (CHARLOTTE/DOUGLAS INTL ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP.
4. ABBREVIATED AMENDMENT.
5. CLT, JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.

FLIGHT INSPECTED BY

SIGNATURE

OFFICE

DATE

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

DEVELOPED BY

SIGNATURE

Digitally signed by

CASIMIR L TABAKA

OFFICE

DATE

KEEFER, JOHN

Digitally signed by

JOHN A KEEFER

Feb 18, 2026

AJV-A432

12/19/2025

Feb 13, 2026

APPROVED BY

SIGNATURE

Digitally signed by

CASIMIR L TABAKA

OFFICE

DATE

TITLE

TABAKA, CASIMIR

AJV-A430

MANAGER

Feb 18, 2026

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. CLT RWY NUMBERS CHANGED FROM RWY 18C/36C TO RWY 19L/1R. - RUNWAY RENUMBERING.
2. REMARK: ADDED: CLT, JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA: ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION. - IAW 8260.46K, PARA 2-1-1. I.



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BARMY						SEVEN	BARMY7.BARMY	SIX	05/14/2026	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW19L (AER)	351338.63N/0805711.41W	N	-	-	-	-				
1260 MSL	-	-	-	VA	175.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260	
-	-	-	-	VM	175.96	-				
RW18L (AER)	351329.04N/0805610.17W	N	-	-	-	-				
1260 MSL	-	-	-	VA	175.97	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260	
-	-	-	-	VM	175.97	-				
RW19R (AER)	351331.02N/0805802.71W	N	-	-	-	-				
1260 MSL	-	-	--	VA	175.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260	
-	-	-		VM	193.00	-				
RW01R (AER)	351159.97N/0805702.92W	N	-	-	-	-				
1260 MSL	-	-	-	VA	355.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260	
-	-	-	-	VM	323.00	-				
RW01L (AER)	351202.23N/0805755.07W	N	-	-	-	-				
1260 MSL	-	-	-	VA	355.96	-	AT/ABOVE 1260		CG 500 FT/NM TO 1400	
-	-	-	-	VM	308.00	-				
RW36R (AER)	351203.44N/0805602.82W	N	-	-	-	-				
1260 MSL	-	-	-	VA	355.97	-	AT/ABOVE 1260		CG 500 FT/NM TO 1260	

QUALITY
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BARMY		SEVEN		BARMY7.BARMY		SIX		05/14/2026	
<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	-			
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			
BARMY	352229.38N/0795033.89W	Y	-	IF	-	-			BARMY7.NUTZE
BATTA	353530.67N/0790516.19W	Y	FB	TF	070.42	39.21			
NUTZE	355040.43N/0774056.72W	Y	FB	TF	077.16	70.31			
BARMY	352229.38N/0795033.89W	Y	-	IF	-	-			BARMY7.RDU
BATTA	353530.67N/0790516.19W	Y	FB	TF	070.42	39.21			
RDU VORTAC	355221.08N/0784700.03W	Y	FB	TF	041.41	22.45			
BARMY	352229.38N/0795033.89W	Y	-	IF	-	-			BARMY7.TYI
BATTA	353530.67N/0790516.19W	Y	FB	TF	070.42	39.21			
TYI VORTAC	355836.20N/0774213.43W	Y	FB	TF	070.75	71.39			