

NFDD No. 048

03/12/2026

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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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE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	SIX	BARMY6.BARMY	FIVE	03/21/2024	14 MAY 2026

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

DP ROUTE DESCRIPTION:

CLT:

TAKEOFF RWY 18C: 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 36C: 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	BARMY6.NUTZE	BARMY	BATTA	TRACK 077.42	39.21	FL 180	1900	
		BATTA	NUTZE	TRACK 084.16	70.31	FL 180	3400	
RALEIGH/DURHAM	BARMY6.RDU	BARMY	BATTA	TRACK 077.42	39.21	FL 180	1900	

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FAA Form 8260-15B (03/23) Supersedes Previous Edition

Electronic Version

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DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
BARMY		SIX	BARMY6.BARMY	FIVE		03/21/2024	14 MAY 2026
	BATTA	RDU VORTAC		TRACK 048.41	22.45	FL 180	2300
TAR RIVER	BARMY6.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 18C, 18L, 19R, 36C, 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.

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	SIX	BARMY6.BARMY	FIVE	03/21/2024	14 MAY 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
CHART AS STANDALONE FIX: EBOOK, DATTO, OLUBE.

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.

<u>FLIGHT INSPECTED BY</u>		<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
PROCESSED IAW TECHNICAL SUPPORT (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.					
		<i>Digitally signed by</i>			
<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<i>CASIMIR L TABAKA</i>	<u>OFFICE</u>	<u>DATE</u>
KEEFER, JOHN	CASIMIR L TABAKA	Dec 05, 2025	AJV-A432	11/21/2025	
		<i>Digitally signed by</i>			
<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
TABAKA, CASIMIR	CASIMIR L TABAKA	Dec 05, 2025	AJV-A430		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. CLT: RWY 18R CHANGED TO 19R, RWY 36L CHANGED TO 1L. - RUNWAY RENUMBERING.
2. ALL AIRPORT NAMES AND ICAO IDENTIFERS REPLACED WITH AIRPORT THREE LETTER IDENTIFER. - 8260.46K COMPLIANCE.
3. DP ROUTE DESCRIPTION: CLT: CHANGED ON RADAR VECTORS TO FOR RADAR VECTORS. - 8260.46K COMPLIANCE.
4. DP ROUTE DESCRIPTION: CHANGED "EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE" TO "EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE". - AFS DIRECTED.
5. TAKEOFF MINIMUMS: ALL REFERENCES OF FT PER NM CHANGED TO FT/NM. - 8260.46K COMPLIANCE.
6. MSA: UPDATED FORMAT TO CURRENT CRITERIA. - 8260.46K COMPLIANCE.



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BARMY	SIX	BARMY6.BARMY	FIVE	03/21/2024	14 MAY 2026

7. ADDITIONAL FLIGHT DATA: TOP ALTITUDE FORMATTED TO CURRENT CRITERIA. - 8260.46K COMPLIANCE.

8. COMMUNICATIONS: ADDED CPDLC TO CLT. - CURRENTLY CHARTED.

9. REMARKS: AAUP STATEMENT MOVED FROM ADDITIONAL FLIGHT DATA TO REMARKS. - 8260.46K COMPLIANCE.

10. PROCEDURAL DATA NOTE: REPLACED FOR TURBOJETS ONLY WITH TURBOJET ONLY. - CURRENT AFS GUIDANCE.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
BARMY				SIX		BARMY6.BARMY		FIVE		03/21/2024		14 MAY 2026	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW18C (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	-							
RW36C (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 42

QUALITY
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CHECKED

<u>DP NAME</u>							<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BARMY							SIX	BARMY6.BARMY	FIVE	03/21/2024	14 MAY 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	-	-				BARMY6.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	-	-				BARMY6.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	-	-				BARMY6.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					

