

**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SUPERSEDED NUMBER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>
KWEEN	SIX	KWEEN6.KWEEN	FIVE	03/21/2024	

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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 HMMPY, 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 HMMPY, 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 HMMPY, 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 HMMPY, 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 HMMPY, 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 HMMPY, THENCE...

...ON TRACK 181.11 TO KWEEN, 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...

...FOR RADAR VECTORS TO HMMPY, THEN ON TRACK 181.11 TO KWEEN. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE

DEPARTING EQY, LRK, VUJ, AND UZA: CLIMB ON HEADING ASSIGNED BY ATC FOR RADAR VECTORS TO HMMPY, THEN ON TRACK 181.11 TO KWEEN, 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>
PITRW	KWEEN6.PITRW	KWEEN	UNJAM	TRACK 182.69	27.89	11000	1900	
		UNJAM	TASTY	TRACK 182.85	42.69	FL180	3100	
		TASTY	PITRW	TRACK 134.67	74.70	FL180	2300	
UNJAM	KWEEN6.UNJAM	KWEEN	UNJAM	TRACK 182.69	27.89	11000	1900	

QUALITY
20
CHECKED

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KWEEN	SIX	KWEEN6.KWEEN	FIVE	03/21/2024	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: TURBOJET ONLY.

NOTE: TRANSPONDER CODE WILL BE ISSUED VIA PDC OR CLT CLNC DEL.

NOTE: IF UNABLE TO ACCEPT CLIMB RATES, ADVISE ATC ON INITIAL CONTACT.

NOTE: CLT 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.



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KWEEN	SIX	KWEEN6.KWEEN	FIVE	03/21/2024	

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 (CLIMB GRADIENT).

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 - TOP ALTITUDE: 8000
JQF, AKH, EQY, IPJ, LKR, VUJ, RUQ, UZA - CHART: TOP ALTITUDE 3000

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
CLT	CHARLOTTE	NC
JQF	CONCORD	NC
AKH	GASTONIA	NC
EQY	MONROE	NC
IPJ	LINCOLNTON	NC
LKR	LANCASTER	SC
VUJ	ALBEMARLE	NC
RUQ	SALISBURY	NC
UZA	ROCK HILL	SC

QUALITY
20
CHECKED

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KWEEN	SIX	KWEEN6.KWEEN	FIVE	03/21/2024	

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:

REMARKS:

CHART: NOTE: (CLT ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP.
 JQF RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT PER NM FOR PUBLICATION (COMPUTED VALUE 317 FT PER NM).
 RUQ RWY 20 CLIMB GRADIENT ROUNDED TO 205 FT PER NM FOR PUBLICATION (COMPUTED VALUE 202 FT PER NM).
 ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY

SIGNATURE

OFFICE

DATE

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

Digitally signed by

Digitally signed by

DEVELOPED BY

CASIMIR L TABAKA

SIGNATURE

CASIMIR L TABAKA

OFFICE

DATE

JAMIE KUNKLER

Dec 08, 2025

Dec 08, 2025

AJV-A432

11/19/2025

Digitally signed by

APPROVED BY

CASIMIR L TABAKA

SIGNATURE

OFFICE

DATE

TITLE

CASIMIR L. TABAKA

Dec 08, 2025

AJV-A432

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:

- CLT RWYS 18R/36L CHANGED TO RWYS 1L/19R. - RUNWAY RENUMBERING.
- ALL AIRPORT NAMES AND ICAO IDENTIFIERS CHANGED TO AIRPORT THREE-LETTER IDENTIFIERS - 8260.46K COMPLIANCE.
- DP ROUTE DESCRIPTION: CHANGED "ON RADAR VECTORS" TO "FOR RADAR VECTORS" - IAW 8260.46K 2-1-5.K
- DP ROUTE DESCRIPTION: CHANGED "EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE" TO "EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - AFS DIRECTED.
- PROCEDURAL DATA NOTES: CHANGED "NOTE: FOR TURBO JETS ONLY" TO "TURBOJET ONLY" - IAW 8260.46K APPENDIX E SECTION 1 2.G.
- TAKEOFF MINIMUMS: CHANGED ALL REFERENCE OF "FT PER NM" TO "FT/NM" - IAW 8260.46K 2-1-3.D(2)(A).
- CONTROLLING OBSTACLES: RUQ RWY 20, REMOVED "1848 FT MSL TOWER 353531.99N/0803743.98W (ROUTE DEVELOPMENT)" - NOT REQUIRED FOR SIDS.
- MSA: UPDATED FORMATTING TO CURRENT CRITERIA - IAW 8260.46K 3-1-2.C.
- ADDITIONAL FLIGHT DATA: UPDATED FORMATTING FOR AIRPORTS WITH TOP ALTITUDE 3000 - IAW 8260.46K APPENDIX E SECTION 1 2.M.
- ADDITIONAL FLIGHT DATA: REMOVED "CHART: MEA/MOCA FROM HMMPY TO KWEEN, 5500/2300" - FPT REQUEST.
- AIRPORTS SERVED: UPDATED AIRPORT ID FORMATTING - IAW 8260.46K 2-1-1.J.
- COMMUNICATIONS: ADDED CPDLC TO CLT - CURRENTLY CHARTED.
- REMARKS: AAUP STATEMENT MOVED FROM ADDITIONAL FLIGHT DATA TO REMARKS - IAW 8260.46K APPENDIX E, SECTION 1, 2.Q.(3).



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

<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>			
KWEEN		SIX	KWEEN6.KWEEN	FIVE	03/21/2024				
<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>
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



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KWEEN		SIX	KWEEN6.KWEEN	FIVE	03/21/2024				
<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	-			
HMMPY	44810.63N/0805137.73W	Y	-	IF	-	-			
KWEEN	344047.77N/0805042.46W	Y	FB	TF	174.11	7.41			
KWEEN	344047.77N/0805042.46W	Y	-	IF	-	-			KWEEN6.PITRW
UNJAM	341256.50N/0804810.81W	Y	FB	TF	175.69	27.89			
TASTY	333017.41N/0804429.41W	Y	FB	TF	175.85	42.69			
PITRW	324413.05N/0793423.27W	Y	FB	TF	127.67	74.70			
KWEEN	344047.77N/0805042.46W	Y	-	IF	-	-			KWEEN6.UNJAM
UNJAM	341256.50N/0804810.81W	Y	FB	TF	175.69	27.89			

