

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE	03/02/2017	17 AUG 2017

<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"/>

This is a corrected copy of the procedure published in NFDD 130.  
\*\*See page 6 for details. \*\*

**DP ROUTE DESCRIPTION:****CHARLOTTE/DOUGLAS INTL****TAKEOFF RWY 5:** CLIMB HEADING 055.47 TO 1260, THEN ON HEADING 055.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 18C:** CLIMB HEADING 182.96 TO 1260, THEN ON HEADING 182.96 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 18L:** CLIMB HEADING 182.97 TO 1260, THEN ON HEADING 182.97 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 18R:** CLIMB HEADING 182.96 TO 1260, THEN ON HEADING 200.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 23:** CLIMB HEADING 235.48 TO 1260, THEN ON HEADING 235.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 36C:** CLIMB HEADING 002.96 TO 1260, THEN ON HEADING 330.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 36L:** CLIMB HEADING 002.96 TO 1260, THEN ON HEADING 315.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...**TAKEOFF RWY 36R:** CLIMB HEADING 002.97 TO 1260, THEN ON HEADING 025.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THENCE...

...ON TRACK 195.62 TO BEAVY, THEN ON ASSIGNED TRANSITION. MAINTAIN 8000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

**CONCORD RGNL****TAKEOFF RWY 2:** CLIMB HEADNG 016.46 TO 2200, THENCE...**TAKEOFF RWY 20:** CLIMBING LEFT TURN HEADING 150.00 TO 2400, THENCE...

... ON HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THEN ON TRACK 195.62 TO BEAVY. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

**DEPARTING GASTONIA MUNI, CHARLOTTE-MONROE EXECUTIVE, LINCOLNTON-LINCOLN COUNTY RGNL, LANCASTER COUNTY-MC WHIRTER FIELD, STANLY COUNTY, MID-CAROLINA RGNL, AND ROCK HILL/YORK CO/BRYANT FIELD:** CLIMB ON HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO UGANG, THEN ON TRACK 195.62 TO BEAVY. THEN ON ASSIGNED TRANSITION. MAINTAIN 3000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.**GASTONIA MUNI****TAKEOFF RWY 3:** CLIMB HEADING 049.34 TO 2700 BEFORE TURNING LEFT.**TAKEOFF RWY 21:** CLIMB HEADING 214.33 TO 1600 BEFORE PROCEEDING NORTH.**LINCOLNTON-LINCOLN COUNTY RGNL****TAKEOFF RWY 5:** CLIMB HEADING 063.15 TO 2000 BEFORE PROCEEDING ON COURSE.**TAKEOFF RWY 23:** CLIMB HEADING 243.16 TO 2800 BEFORE TURNING LEFT.**MID-CAROLINA RGNL****TAKEOFF RWY 20:** CLIMB HEADING 201.99 TO 1700 BEFORE TURNING RIGHT.**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	BEAVY4.JENDO	BEAVY	ANDYS	TRACK 197.08	12.00	9200	2000	
		ANDYS	JENDO	TRACK 201.08	32.91	15800	2000	
GANDT	BEAVY4.GANDT	BEAVY	ANDYS	TRACK 197.08	12.00	9200	2000	
		ANDYS	GANDT	TRACK 225.65	45.76	FL 180		

**PROCEDURAL DATA NOTES:****NOTE:** FOR TURBOJETS ONLY.**NOTE:** DME/DME/IRU OR GPS REQUIRED.**NOTE:** RNAV 1.

**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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE	<b>03/02/2017</b>	<b>17 AUG 2017</b>

**NOTE:** RADAR REQUIRED.

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

**NOTE:** CHARLOTTE/DOUGLASS 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.

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

**TAKEOFF MINIMUMS:**

**CHARLOTTE/DOUGLAS INTL**

**RWY 18C, 18L, 18R, 23, 36C, 36R,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1260.

**RWY 5,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1300.

**RWY 36L,** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1400.

**CONCORD RGNL**

**RWY 2,** STANDARD.

**RWY 20,** STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 2400.

**GASTONIA MUNI**

**RWY 3, 21,** STANDARD.

**CHARLOTTE-MONROE EXECUTIVE**

**RWY 5, 23,** STANDARD.

**LINCOLN-NTON-LINCOLN COUNTY RGNL**

**RWY 5, 23,** STANDARD.

**LANCASTER COUNTY-MC WHIRTER FIELD**

**RWY 6, 24,** STANDARD.

**STANLY COUNTY**

**RWY 4L, 22R,** NA

**RWY 22L,** STANDARD

**RWY 4R,** 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 276 FT PER NM TO 1000.

**MID-CAROLINA RGNL**

**RWY 2,** STANDARD.

**RWY 20,** 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 205 FT PER NM TO 1300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FT PRIOR TO DER.

**ROCK HILL/YORK CO/BRYANT FIELD**

**RWY 2, 20,** STANDARD.

**TAKEOFF OBSTACLES NOTES:**

**CHARLOTTE/DOUGLAS INTL**

**NOTE:** **RWY 5,** TREE 810 FT FROM DER, 677 FT RIGHT OF CENTERLINE, 768 FT MSL. TREE 1031 FT FROM DER, 665 FT LEFT OF CENTERLINE, 773 FT MSL. TREE 1050 FT FROM DER, 755 FT LEFT OF CENTERLINE, 787 FT MSL. TREE 1894 FT FROM DER, 854 FT LEFT OF CENTERLINE, 799 FT MSL. TREES BEGINNING 2088 FT FROM DER, 877 FT LEFT OF CENTERLINE, UP TO 821 FT MSL. TREES BEGINNING 2437 FT FROM DER, 971 FT LEFT OF CENTERLINE, UP TO 822 FT MSL. TREE 2582 FT FROM DER, 1056 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 2608 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 848 FT MSL. TREE 3977 FT FROM DER, 480 FT LEFT OF CENTERLINE, 856 FT MSL.

**NOTE:** **RWY 18C,** AIRFIELD LT 11 FT FROM DER, 84 FT LEFT OF CENTERLINE, 4 FT AGL/695 FT MSL. TREE 555 FT FROM DER, 564 FT LEFT OF CENTERLINE, 711 FT MSL. TREE 1059 FT FROM DER, 762 FT RIGHT OF CENTERLINE, 729 FT MSL. TREES BEGINNING 1183 FT FROM DER, 608 FT LEFT OF CENTERLINE, UP TO 746 FT MSL. TREES BEGINNING 1478 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREE 2035 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 2058 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 771 FT MSL. TREE 2723 FT FROM DER, 971 FT LEFT OF CENTERLINE, 773 FT MSL. TREES BEGINNING 3245 FT FROM DER, 793 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 4249 FT FROM DER, 1039 FT RIGHT OF CENTERLINE, 805 FT MSL. TREE 5354 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 831 FT MSL. TREES BEGINNING 5551 FT FROM DER, 1412 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/848 FT MSL.

**NOTE:** **RWY 18L,** AIRFIELD LT 10 FT FROM DER, ON CENTERLINE, 3 FT AGL/726 FT MSL. POLE 981 FT FROM DER, 708 FT LEFT OF CENTERLINE, 64 FT AGL/763 FT MSL. TWR AND TREE BEGINNING 981 FT FROM DER, 689 FT RIGHT OF CENTERLINE, UP TO 765 FT MSL. TREE 1235 FT FROM DER, 795 FT RIGHT OF CENTERLINE, 767 FT MSL. TREES BEGINNING 1457 FT FROM DER, 703 FT RIGHT OF CENTERLINE, UP TO 777 FT MSL. TREE 2248 FT FROM DER, 815 FT RIGHT OF CENTERLINE, 783 FT MSL. TOWER 4408 FT FROM DER, 1505 FT LEFT OF CENTERLINE, 160 FT AGL/849 FT MSL. **NOTE:** **RWY 18R,** AIRFIELD LT 10 FT FROM DER, 4 FT LEFT OF CENTERLINE, 3 FT AGL/746 FT MSL. GRD 145 FT FROM DER, 522 FT LEFT OF CENTERLINE, 748 FT MSL.

**NOTE:** **RWY 23,** MALSR 1 FT FROM DER, ON CENTERLINE, 706 FT MSL. CONTROL BOX 1 FT FROM DER, 136 FT RIGHT OF CENTERLINE, 4 FT AGL/708 FT MSL. TREE 1270 FT FROM DER, 772 FT RIGHT OF CENTERLINE, 742 FT MSL. TREE 1310 FT FROM DER, 771 FT RIGHT OF CENTERLINE, 753 FT MSL. TREE 1477 FT FROM DER, 702 FT RIGHT OF CENTERLINE, 757 FT MSL. TREES BEGINNING 1573

QUALITY  
30  
CHECKED

**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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE		17 AUG 2017
FT FROM DER, 654 FT RIGHT OF CENTERLINE, UP TO 758 FT MSL. TREES BEGINNING 1728 FT FROM DER, 541 FT RIGHT OF CENTERLINE, UP TO 762 FT MSL. TREES BEGINNING 1814 FT FROM DER, 597 FT RIGHT OF CENTERLINE, UP TO 775 FT MSL. TREE 1844 FT FROM DER, 805 FT RIGHT OF CENTERLINE, 776 FT MSL. TREES BEGINNING 1944 FT FROM DER, 697 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREES BEGINNING 2242 FT FROM DER, 361 FT RIGHT OF CENTERLINE, UP TO 811 FT MSL.					
<b>NOTE: RWY 36C</b> , AIRFIELD LT 4 FT FROM DER, 11 FT LEFT OF CENTERLINE, 1 FT AGL/743 FT MSL. TREES BEGINNING 1246 FT FROM DER, 598 FT RIGHT OF CENTERLINE, UP TO 822 FT MSL. TREES BEGINNING 1937 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 823 FT MSL. TREES BEGINNING 2045 FT FROM DER, 237 FT RIGHT OF CENTERLINE, UP TO 827 FT MSL.					
<b>NOTE: RWY 36L</b> , AIRFIELD LT 9 FT FROM DER, 3 FT LEFT OF CENTERLINE, 2 FT AGL/745 FT MSL. TREE 1355 FT FROM DER, 544 FT LEFT OF CENTERLINE, 786 FT MSL.					
<b>NOTE: RWY 36R</b> , APRT SIGN 19 FT FROM DER, 289 FT RIGHT OF CENTERLINE, 6 FT AGL/747 FT MSL. TREES BEGINNING 470 FT FROM DER, 474 FT RIGHT OF CENTERLINE, UP TO 767 FT MSL. TREE AND RAILROAD, BEGINNING 640 FT FROM DER, 93 FT RIGHT OF CENTERLINE, UP TO 775 FT MSL. LT POLE AND TREE BEGINNING 837 FT FROM DER, 500 FT RIGHT OF CENTERLINE, UP TO 777 FT MSL. TREE 943 FT FROM DER, 650 FT LEFT OF CENTERLINE, 771 FT MSL. POLE 1004 FT FROM DER, 739 FT LEFT OF CENTERLINE, 774 FT MSL. TREES BEGINNING 1058 FT FROM DER, 346 FT RIGHT OF CENTERLINE, UP TO 779 FT MSL. POLE 1191 FT FROM DER, 769 FT LEFT OF CENTERLINE, 778 FT MSL. TREE 1279 FT FROM DER, 625 FT RIGHT OF CENTERLINE, 780 FT MSL. TREE 1295 FT FROM DER, 585 FT LEFT OF CENTERLINE, 782 FT MSL. TREE 1396 FT FROM DER, 646 FT RIGHT OF CENTERLINE, 784 FT MSL. TREES BEGINNING 1475 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 805 FT MSL. TREE 1612 FT FROM DER, 732 FT RIGHT OF CENTERLINE, 787 FT MSL. TREE AND POLE BEGINNING 1652 FT FROM DER, 718 FT RIGHT OF CENTERLINE, UP TO 809 FT MSL. TREES BEGINNING 1725 FT FROM DER, 557 FT RIGHT OF CENTERLINE, UP TO 816 FT MSL. TREES BEGINNING 1874 FT FROM DER, ON CENTERLINE, UP TO 820 FT MSL. TREE 2053 FT FROM DER, 90 FT LEFT OF CENTERLINE, 59 FT AGL/807 FT MSL. TREES BEGINNING 2070 FT FROM DER, 41 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/815 FT MSL. TREES BEGINNING 2132 FT FROM DER, 324 FT LEFT OF CENTERLINE, UP TO 823 FT MSL. TREE 2457 FT FROM DER, 919 FT LEFT OF CENTERLINE, 830 FT MSL. TOWER 3685 FT FROM DER, 1160 FT RIGHT OF CENTERLINE, 70 FT AGL/844 FT MSL. TREE 3737 FT FROM DER, 392 FT LEFT OF CENTERLINE, 91 FT AGL/843 FT MSL. TREE 3756 FT FROM DER, 530 FT RIGHT OF CENTERLINE, 846 FT MSL. TREES BEGINNING 3759 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 851 FT MSL. TREES BEGINNING 3774 FT FROM DER, 578 FT RIGHT OF CENTERLINE, UP TO 852 FT MSL. TREES BEGINNING 3803 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 863 FT MSL.					
<b>CONCORD RGNL</b>					
<b>NOTE: RWY 2</b> , POLES AND TREES BEGINNING 2624 FT FROM DER, 688 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/784 FT MSL. TREES BEGINNING 2107 FT FROM DER, 787 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/783 FT MSL.					
<b>RWY 20</b> , STREET LIGHTS BEGINNING 3047 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/744 FT MSL. TREES 1.3 NM FROM DER, 1544 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/849 FT MSL.					
<b>GASTONIA MUNI</b>					
<b>NOTE: RWY 3</b> , TREES BEGINNING 162 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/844 FT MSL. TREES BEGINNING 1200 FT FROM DER, 463 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/835 FT MSL. TREES BEGINNING 1965 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/859 FT MSL. TREES 3819 FT FROM DER, 657 FT RIGHT OF CENTERLINE, UP TO 126 FT AGL/885 FT MSL.					
<b>NOTE: RWY 21</b> , POLE 254 FT FROM DER, 336 FT RIGHT OF CENTERLINE, 20 FT AGL/810 FT MSL. POLE 288 FT FROM DER, 329 FT LEFT OF CENTERLINE, 18 FT AGL/808 FT MSL. TOWER AND TREES BEGINNING 297 FT FROM DER, 467 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/872 FT MSL. TREES BEGINNING 1245 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/878 FT MSL.					
<b>CHARLOTTE-MONROE EXECUTIVE</b>					
<b>NOTE: RWY 5</b> , TREES BEGINNING 24 FT FROM DER, 308 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/736 FT MSL. TREES BEGINNING 70 FT FROM DER, 218 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/686 FT MSL. TREES BEGINNING 606 FT FROM DER, 58 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/692 FT MSL. POLES AND TREES BEGINNING 651 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/713 FT MSL. TREES BEGINNING 1223 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 62 FT AGL/721 FT MSL. TREES BEGINNING 2151 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/748 FT MSL.					
<b>NOTE: RWY 23</b> , RUNWAY LIGHT 12 FT FROM DER, 31 FT LEFT OF CENTERLINE, 2 FT AGL/684 FT MSL. TREES BEGINNING 1714 FT FROM DER, 203 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/746 FT MSL. TREES 2366 FT FROM DER, 771 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/755 FT MSL.					
<b>LINCOLN-TON-LINCOLN COUNTY RGNL</b>					
<b>NOTE: RWY 5</b> , TREES BEGINNING 1913 FT FROM DER, 330 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/954 FT MSL.					
<b>NOTE: RWY 23</b> , TREES BEGINNING 2068 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/1001 FT MSL. TREES 2572 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/986 FT MSL. TREES 5326 FT FROM DER, 1643 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/1027 FT MSL.					
<b>LANCASTER COUNTY-MC WHIRTER FIELD</b>					
<b>NOTE: RWY 6</b> , TREES 176 FT FROM DER, 394 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/526 FT MSL. TREES 4704 FT FROM DER, 1425 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/630 FT MSL.					
<b>NOTE: RWY 24</b> , TREES 73 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 18 FT AGL/467 FT MSL.					
<b>STANLY COUNTY</b>					
<b>NOTE: RWY 4R</b> , TREE 4312 FT FROM DER, 374 FT RIGHT OF CENTERLINE, 78 FT AGL/692 FT MSL. TREE 1.2 NM FROM DER, 2063 FT LEFT OF CENTERLINE, 98 FT AGL/837 FT MSL.					
<b>NOTE: RWY 22L</b> , TREES BEGINNING 190 FT FROM DER, 142 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/682 FT MSL. RAILROAD 438 FT FROM DER, 403 FT RIGHT OF CENTERLINE, 23 FT AGL/620 FT MSL.					
<b>MID-CAROLINA RGNL</b>					
<b>NOTE: RWY 2</b> , TREES BEGINNING 106 FT FROM DER, 474 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/787 FT MSL.					



**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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE	<u>03/02/2017</u>	<u>17 AUG 2017</u>

**NOTE: RWY 20**, TREES BEGINNING 167 FT FROM DER, 483 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/810 FT MSL. BUILDING AND TREES BEGINNING 668 FT FROM DER, 275 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/809 FT MSL. TREES BEGINNING 890 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/822 FT MSL. TREES BEGINNING 1055 FT FROM DER, 476 FT RIGHT OF CENTERLINE, UP TO 112 FT AGL/871 FT MSL. TREES BEGINNING 2251 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 97 FT AGL/896 FT MSL. TREES BEGINNING 2410 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/913 FT MSL. TOWER 2.3 NM FROM DER, 2196 FT RIGHT OF CENTERLINE, 306 FT AGL/1121 FT MSL.

**ROCK HILL/YORK CO/BRYANT FIELD**

**NOTE: RWY 2**, TREES BEGINNING 99 FT FROM DER, 491 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/750 FT MSL. TREES BEGINNING 1857 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/730 FT MSL. TREES BEGINNING 2096 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/723 FT MSL.

**NOTE: RWY 20**, VEGETATION 153 FT FROM DER, 470 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/673 FT MSL. TREES 3231 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/749 FT MSL.

**CONTROLLING OBSTACLES:**

**CHARLOTTE/DOUGLAS INTL**

**RWY 5:** 1633 FT MSL BUILDING 351339.00N/0805032.00W (CLIMB TO ALTITUDE).

**RWY 36L:** 2754 FT MSL TOWER 352049.00N/081014.00W (CLIMB TO ALTITUDE).

**CONCORD RGNL**

**RWY 2:** 2348 FT MSL TOWER 353157.00N/0804746.00W (ROUTE DEVELOPMENT).

**RWY 20:** 1950 FT MSL TOWER 351715.00N/0804144.00W (CLIMB GRADIENT). 2041 FT MSL TOWER 392504.00N/0763320.00W (ROUTE DEVELOPMENT).

**GASTONIA MUNI**

**RWY 3, 21:** 2754 FT MSL TOWER 352049.00N/0811014.00W (ROUTE DEVELOPMENT).

**LINCOLN-NTON-LINCOLN COUNTY RGNL**

**RWY 5:** 2754 FT MSL TOWER 352049.00N/0811014.00W (ROUTE DEVELOPMENT).

**RWY 23:** 2719 FT MSL TOWER 352151.00N/0811112.00W (ROUTE DEVELOPMENT).

**STANLY COUNTY**

**RWY 4R:** 837 FT MSL TREE 352627.34N/0800808.17W (CLIMB GRADIENT).

**MID-CAROLINA RGNL**

**RWY 20:** 1121 FT MSL TOWER 353613.00N/0803234.12W (CLIMB GRADIENT). 1848 FT MSL TOWER 353531.99N/0803743.98W (ROUTE DEVELOPMENT).

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

**REFERENCE MAG VAR:** KCLT 7W EPOCH YEAR: 2000. DME/DME ASSESSMENT: SAT (RNP 2.0)

**CHARLOTTE/DOUGLAS INTL - CHART:** TOP ALTITUDE 8000

**CONCORD RGNL - CHART:** TOP ALTITUDE 3000.

**GASTONIA MUNI - CHART:** TOP ALTITUDE 3000.

**CHARLOTTE-MONROE EXECUTIVE - CHART:** TOP ALTITUDE 3000.

**LINCOLN-NTON-LINCOLN COUNTY RGNL - CHART:** TOP ALTITUDE 3000.

**LANCASTER COUNTY-MC WHIRTER FIELD - CHART:** TOP ALTITUDE 3000.

**STANLY COUNTY - CHART:** TOP ALTITUDE 3000.

**MID-CAROLINA RGNL - CHART:** TOP ALTITUDE 3000.

**ROCK HILL/YORK CO/BRYANT FIELD - CHART:** TOP ALTITUDE 3000.

**CHART NOTE:** (CHARLOTTE/DOUGLAS INTL ONLY): SEE ADDITIONAL REQUIREMENTS ON AAUP.

**CHART:** MEA/MOCA FROM UGANG TO BEAVY, 6800/2300.

**PILOT NAVIGATION AREA:**

7 NM ARC CENTERED ON UGANG (IF), CW

FROM: POINT A (BEARING 151 DEGREES TO UGANG)



**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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE	03/02/2017	17 AUG 2017
TO: POINT B (BEARING 241 DEGREES TO UGANG) MINIMUM CROSSING ALTITUDE AT UGANG - 4000.					
<u>AIRPORTS SERVED:</u>	<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>		
	CHARLOTTE/DOUGLAS INTL (KCLT)	CHARLOTTE	NC		
	CONCORD RGNL (KJQF)	CONCORD	NC		
	GASTONIA MUNI (KAKH)	GASTONIA	NC		
	CHARLOTTE - MONROE EXECUTIVE (KEQY)	MONROE	NC		
	LINCOLNTON - LINCOLN COUNTY RGNL (KIPJ)	LINCOLNTON	NC		
	LANCASTER COUNTY - MC WHIRTER FIELD (KLKR)	LANCASTER	SC		
	STANLY COUNTY (KVUJ)	ALBEMARLE	NC		
	MID-CAROLINA RGNL (KRUQ)	SALISBURY	NC		
	ROCK HILL/YORK CO/BRYANT FIELD (KUZA)	ROCK HILL	SC		

**COMMUNICATIONS:****CHARLOTTE/DOUGLAS INTL:** ATIS, CLNC DEL, GND CON, TOWER, DEP CON.**CONCORD RGNL:** ATIS, CLNC DEL, GND CON, TOWER, UNICOM, DEP CON.**GASTONIA MUNI:** ASOS, CLNC DEL, UNICOM, DEP CON.**CHARLOTTE-MONROE EXECUTIVE:** ASOS, CLNC DEL, UNICOM, DEP CON.**LINCOLNTON-LINCOLN COUNTY RGNL:** AWOS, CLNC DEL (GCO), UNICOM, DEP CON.**LANCASTER COUNTY-MC WHIRTER FIELD:** AWOS, GCO, UNICOM, DEP CON.**STANLY COUNTY:** ATIS, CLNC DEL, GND CON, TOWER, UNICOM, DEP CON.**MID-CAROLINA RGNL:** AWOS, CLNC DEL, UNICOM, DEP CON.**ROCK HILL/YORK CO/BRYANT FIELD:** ASOS, CLNC DEL, UNICOM, DEP CON.**FIXES AND/OR NAVAIDS:**

CHART AS STANDALONE FIX: TRAYE.

**REMARKS:**

1. CONCORD RGNL RWY 20 CLIMB GRADIENT ROUNDED TO 320 FT PER NM FOR PUBLICATION (COMPUTED VALUE 317 FT PER NM).

2. MID-CAROLINA RGNL RWY 20 CLIMB GRADIENT ROUNDED TO 205 FT PER NM FOR PUBLICATION (COMPUTED VALUE 202 FT PER NM).

3. ABBREVIATED AMENDMENT.

4. LETTER OF APPROVAL FOR EQY AND LKR AIRPORTS NOT LOCATED WITHIN EXTENDED PNA REQUIRED AND ON FILE APPROVED BY AFS-400 6-21-16.



**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>EFFECTIVE DATE</u>
BEAVY	FOUR	BEAVY4.BEAVY	THREE	<b>03/02/2017</b>	17 AUG 2017

<b>FLIGHT INSPECTED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
MARC J HINCK	<b>ALLAN WILL</b>	FICO	03/20/2017
	Mar 22, 2017		
<b>DEVELOPED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
AJ FIELDS	<b>AJ FIELDS</b>	AJV-5412	12/13/2016
	Dec 13, 2016		
<b>APPROVED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
GEORGE DAVIS	<b>ALLAN WILL</b>	AJV-5410	
	Mar 22, 2017		

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZTL, CLT APP CON, CLT ATCT, JQF ATCT, VUJ ATCT, AMGR(S).

**CHANGES - REASONS:**

1. CHANGED DP NUMBER FROM THREE TO FOUR, DP COMPUTER CODE FROM BEAVY3.BEAVY TO BEAVY4.BEAVY, SUPERSEDED NUMBER FROM THREE TO FOUR DATED FROM 01/05/2017 TO 03/02/2017
2. CHANGED AIRPORT NAME ROWAN COUNTY TO MID-CAROLINA RGNL IN DP ROUTE DESCRIPTION, TAKEOFF MINIMUMS, TAKEOFF OBSTACLE NOTES, CONTROLLING OBSTACLES, AIRPORT NAMES, COMMUNICATIONS AND REMARKS.
3. CHANGED ALL TRANSITION CODES TO MATCH UP NUMBERED DP CODES.
4. CHANGED CHART NOTE FROM SEE ADDITIONAL REQUIREMENTS ON AAUP TO (CHARLOTTE/DOUGLAS INTL ONLY): SEE ADDITIONAL REQUIREMENTS ON AAUP. CLARIFY INTENT OF NOTE.
5. CHANGED LAST LINE OF PILOT NAVIGATION AREA FROM MINIMUM ALTITUDE - 4000 TO MINIMUM CROSSING ALTITUDE AT UGANG - 4000. MATCH FAO 8260.46F NOTE EXAMPLE.

3/27/2014 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON DEC 13, 2017

1. FROM (CHARLOTTE/DOUGLAS INTL ONLY): ACCELERATE TO 250 KIAS, IF UNABLE ADVISE ATC.  
TO - NOTE: CHARLOTTE/DOUGLAS INTL ONLY: ACCELERATE TO 250K, IF UNABLE ADVISE ATC. UPON REACHING 10000 MSL, ACCELERATE TO AND MAINTAIN 280K, IF UNABLE ADVISE ATC. (REQUESTED BY ATC).
2. CHANGED NOTE: UPON REACHING 10000 MSL, ACCELERATE TO AND MAINTAIN 280 KIAS, IF UNABLE ADVISE ATC.  
TO NOTE: ALL OTHER AIRPORTS: UPON REACHING 10000 MSL, ACCELERATE TO AND MAINTAIN 280KT, IF UNABLE ADVISE ATC. (REQUESTED BY ATC)

6/29/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/22/2017

TAKEOFF MINIMUMS STANLY COUNTY ADDED RWY 4L, 22R, NA. -MATCH CURRENT TAKEOFF MINIMUMS. (AJ FIELDS)

**7/11/17 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/22/17.**

1. COMMUNICATIONS: STANLY COUNTY CHANGED AWOS TO ATIS.





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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
BEAVY				FOUR		BEAVY4.BEAVY		THREETHREE		03/02/2017		17 AUG 2017	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW05 (AER)	351232.23N/0805659.80W	N											
1260 MSL				VA	048.47				CG 500 FT/NM TO 1300				
				VM	048.00								
UGANG	344824.71N/0810328.07W	Y	FB	DF									
RW18C (AER)	351338.63N/0805711.41W	N											
1260 MSL				VA	175.96				CG 500 FT/NM TO 1260				
				VM	175.96								
UGANG	344824.71N/0810328.07W	Y	FB	DF									
RW18L (AER)	351329.05N/0805610.17W	N											
1260 MSL				VA	175.97				CG 500 FT/NM TO 1260				
				VM	175.97								
UGANG	344824.71N/0810328.07W	Y	FB	DF									
RW18R (AER)	351331.02N/0805802.71W	N											
1260 MSL				VA	175.96				CG 500 FT/NM TO 1260				
				VM	193.00								
UGANG	344824.71N/0810328.07W	Y	FB	DF									
RW23 (AER)	351321.42N/0805552.12W	N											
1260 MSL				VA	228.48				CG 500 FT/NM TO 1260				
				VM	228.00				QUALITY 30				

QUALITY  
30  
CHECKED

**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>EFFECTIVE DATE</u>
BEAVY		FOUR		BEAVY4.BEAVY		THREE		03/02/2017	17 AUG 2017
<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>
UGANG	344824.71N/0810328.07W	Y	FB	DF					
RW36C (AER)	351159.97N/0805702.92W	N							
1260 MSL				VA	355.96				CG 500 FT/NM TO 1260
				VM	323.00				
UGANG	344824.71N/0810328.07W	Y	FB	DF					
RW36L (AER)	351202.23N/0805755.07W	N							
1260 MSL				VA	355.96				CG 500 FT/NM TO 1400
				VM	308.00				
UGANG	344824.71N/0810328.07W	Y	FB	DF					
RW36R (AER)	351203.45N/0805602.82W	N							
1260 MSL				VA	355.97				CG 500 FT/NM TO 1260
				VM	018.00				
UGANG	344824.71N/0810328.07W	Y	FB	DF					
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				BEAVY4.JENDO	
ANDYS	342214.70N/0810837.81W	Y	FB	TF	190.08	12.00			

QUALITY  
30  
CHECKED



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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
BEAVY							FOUR	BEAVY4.BEAVY	THREE	03/02/2017	17 AUG 2017
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
JENDO	335015.43N/0811814.75W	Y	FB	TF	194.08	32.91					
BEAVY	343404.77N/0810605.64W	Y		IF					BEAVY4.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					

