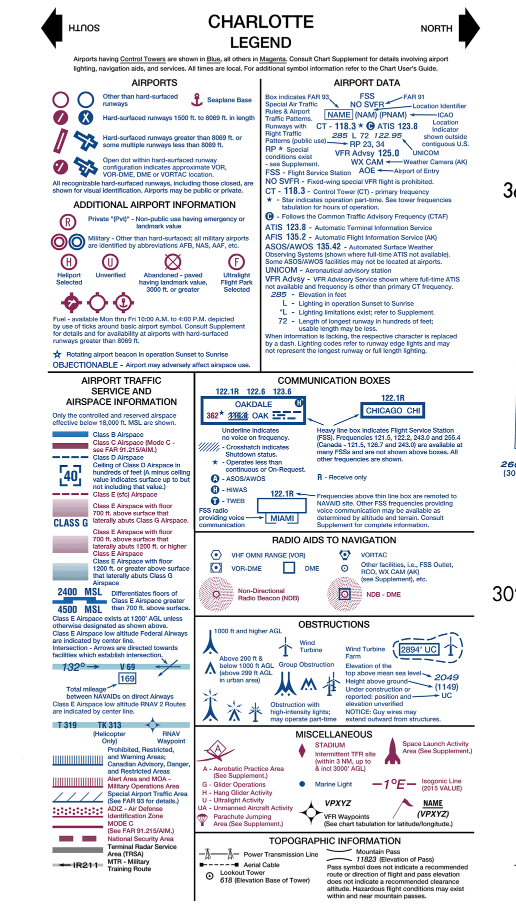


CHARLOTTE SECTIONAL

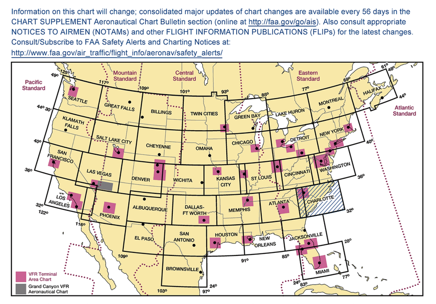
SECTIONAL AERONAUTICAL CHART SCALE 1:500,000

Federal Aviation Administration

101ST EDITION EFFECTIVE 0901Z 5 JAN 2017
TO 0901Z 20 JUL 2017

Includes airspace amendments effective 5 JAN 2017
and all other aeronautical data received by 10 NOV 2016

Information on this chart will change; consolidated major updates of chart information are available every 56 days in the CHART SUPPLEMENT Aeronautical Chart Bulletin section (online at http://faa.gov/go/ais). Also consult appropriate NOTICES TO AIRMEN (NOTAMs) and other FLIGHT INFORMATION PUBLICATIONS (FLIPs) for the latest changes. Consult/Subscribe to FAA Safety Alerts and Charting Notices at: http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/



Published from digital files compiled in accordance with Interagency Air Cartographic Committee specifications and agreements approved by Department of Defense - Federal Aviation Administration.

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: SCHA
NSN 7641014100176
NGA REF. NO. SECXXCHARLOTTE
EFF. DATE 17005

REPORTING CHART ERRORS

You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. Frequently asked questions (FAQs) are answered on our website at http://faa.gov/go/ais. See the FAQs prior to contact via toll free number or email. Telephone toll free at 1-800-638-8972, or email us at 9-AMC-Aerochart@faa.gov or mail to: FAA, Aeronautical Information Services, Customer Operations Team, 1305 East-West Highway, SSMC 4, Suite 4400, Silver Spring, MD 20910-3281.

PLOTTING DIRECT ROUTE ON NORTH/SOUTH SIDE

There are approximately two minutes of latitude overlap between the north and south sides of each sectional/WAC chart. To plot a course line from one side to the other, the user must first locate two pair of corresponding latitude tick marks, one pair on each side of the chart and follow the steps below.

STEP 1 - Draw a horizontal line (MATCH LINE) between each pair of corresponding latitude tick marks on each side of the chart just to the left or right of where your plot line crosses. (Figure 1)

STEP 2 - Decide which side of the chart has the departure or destination point closer to the edge of the chart. On that side, line up a blank piece of paper along the MATCH LINE (the paper should be completely on the chart, not extending beyond its edge).

STEP 3 - Slide the paper sideways left or right so that a side edge of the paper aligns with the departure or destination point (POINT A). Make a MARK A on an edge of the paper where it meets that point.

STEP 4 - Without moving the paper, on the same edge as MARK A, extend a short line on the chart from the corner of the paper where it meets the MATCH LINE out to the edge of the chart. Make that LINE B.

STEP 5 - Turn the chart over and transfer the end of LINE B to the other side, and extend it straight to the MATCH LINE. (Figure 2)

STEP 6 - Take the sheet of paper with MARK A on it and align the (top or bottom) edge of the paper with the MATCH LINE and side edge with LINE B with the bulk of the sheet extending off of the chart. Plot a line from MARK A to the departure or destination point (POINT B).

STEP 7 - Where your plot line crosses the MATCH LINE make a MARK C. Extend a line straight from that mark to the edge of the chart.

STEP 8 - Turn the chart back over and transfer MARK C to that side and extend it to the MATCH LINE. Plot a line from MARK C to the destination. (Figure 3)

CONTROL TOWER FREQUENCIES ON CHARLOTTE SECTIONAL CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

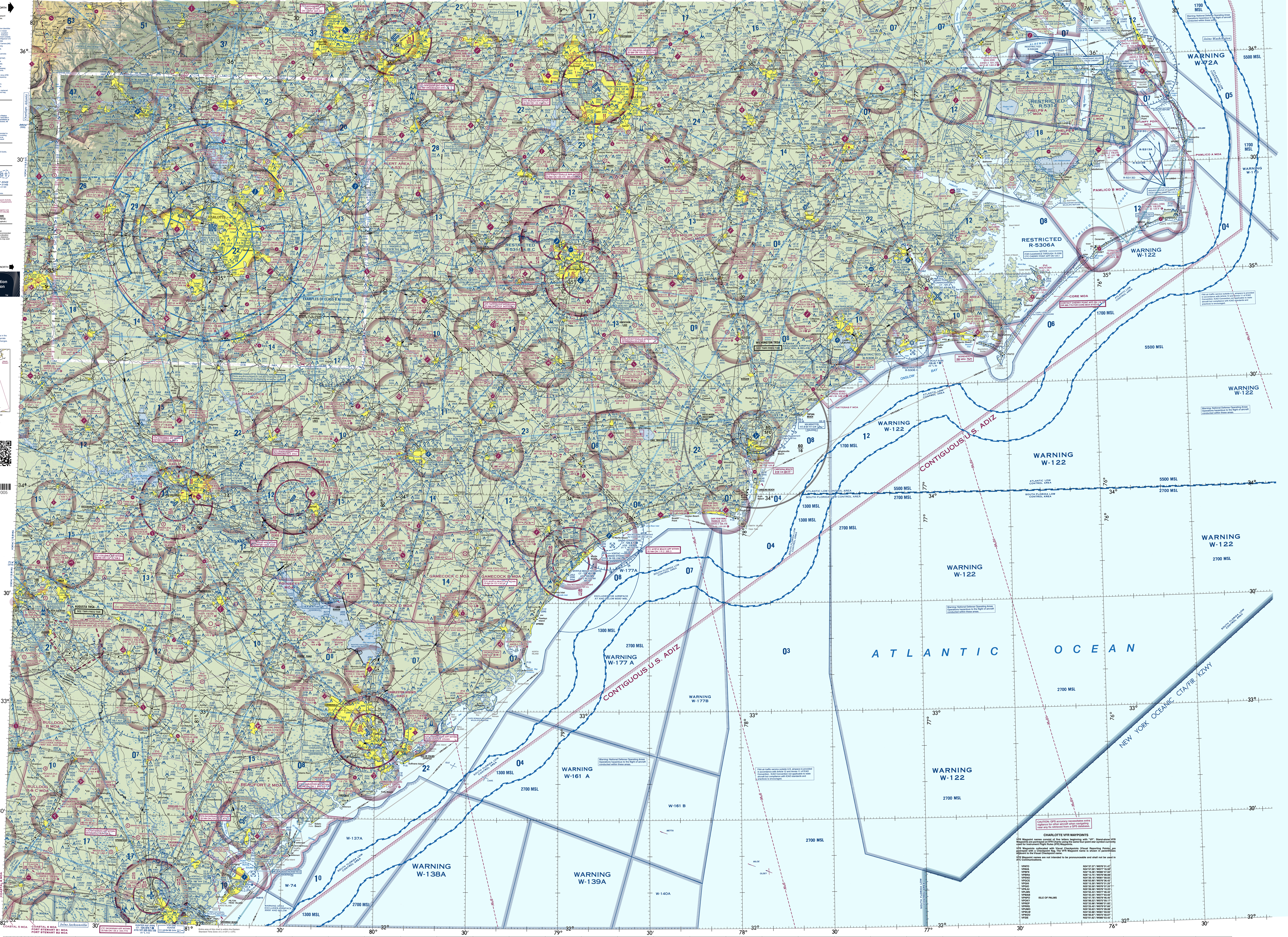
Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

ASR and/or PAR indicate Radar Instrument Approach available.
"MON-FRI" indicates Monday through Friday.
O/T indicates other times.

CONTROL TOWER	OPERATES	TOWER	GND CON	ATIS	ASR/PAR
AUGUSTA RGNL	0645-2300	118.7 239.3	121.9 348.6	132.75	ASR
BEAUFORT MCAS/MERRITT	0700-2300 MON-THU 0700-1800 FRI O/T BY NOTAM	119.05 342.875	128.15 348.625	279.525	ASR/PAR
BOGUE MCALF	HRS PUB BY 2ND MARINE AIR WING	126.45 341.3	262.6		ASR/PAR
CHARLESTON AFB/INTL	CONTINUOUS	126.0 239.0	121.9 348.6	124.75	
CHARLOTTE/DOUGLAS INTL	CONTINUOUS	118.1 (RWYS 18L/36R & 05/23) 126.4 (RWY 18C/36C) 133.35 (RWY 18R/36L) 257.8	121.8 (180°-359°) 121.9 (360°-179°) 348.6	ARR 121.15 DEP 132.1	
CHERRY POINT MCAS/CUNNINGHAM	CONTINUOUS	121.3 340.2	128.625 239.025	127.475 244.875	ASR/PAR
COASTAL CAROLINA RGNL	0600-2200	124.25	121.7		
COLUMBIA METRO	CONTINUOUS	119.5 257.8	121.9 348.6	120.15	
CONCORD RGNL	0700-2300	134.65	121.85	133.675	
FAYETTEVILLE RGNL/GRANNIS	CONTINUOUS	118.3 269.2	121.7 348.6	121.25	
FLORENCE RGNL	0630-2200	125.1 353.85	121.9 353.85	123.625	
GRAND STRAND	0700-2100	124.6 257.6	121.8 257.6	119.625	
HICKORY RGNL	0700-2100	128.15	121.7		
HILTON HEAD	0600-2000	118.975	121.1	121.4	
HUNTER AAF	0730 MON—2300 FRI EXC HOL	124.975 279.575	121.8 291.675	127.525 323.125	ASR/PAR
KINSTON RGNL	0630-2200	120.6 335.55	121.9		
MACKALL AAF	0810-2400 MON-SAT EXC FED HOL	121.0 254.4	128.35 251.05	121.6	
MC ENTIRE JNGB	0800-2300 MON-FRI EXC HOL 0800-1600 SAT-SUN	132.4 253.5	127.625 226.675	327.05	ASR/PAR
MYRTLE BEACH INTL	0600-2300	128.45 259.3	120.3 275.8	123.925	
NEW RIVER MCAS/MCCUTCHEON	0600-0100 MON-THU 0800-1900 FRI CLSD HOL O/T BY NOTAM	120.0 360.2	121.8 254.275	288.325	ASR/PAR
OAK GROVE MCOLF	BY NOTAM		BY NOTAM		
PIEDMONT TRIAD INTL	CONTINUOUS	119.1 290.325	121.9 348.6	128.55	
POPE AAF	CONTINUOUS	135.025 291.1	124.55 275.8	132.3 353.725	
RALEIGH-DURHAM INTL	CONTINUOUS	127.45 (RWYS 05R/23L & 14/32, EAST) 119.3 (RWY 05L/23R, WEST) 257.8	121.9 (RWYS 05R/23L & 14/32, EAST) 121.7 (RWY 05L/23R, WEST) 348.6	123.8	
SAVANNAH/HILTON HEAD INTL	0600-2400	119.1 257.8	121.9 348.6	123.75	
SEYMOUR JOHNSON AFB	0700-2300	126.25 370.875	138.1 275.8	317.625	
SHAW AFB	0700-2330	126.65 254.25	126.1 275.8	132.125 270.1	
SIMMONS AAF	0910-0100 MON-FRI O/T BY NOTAM	125.9 240.625	121.9 229.4	139.25	ASR/PAR
SMITH REYNOLDS	0645-2130	123.75 257.8	128.25	121.3	
STANLY CO	0800-2200 TUE-FRI OR BY NOTAM	126.275 291.9	121.75 254.375		
WILMINGTON INTL	0600-2300	119.9 239.3	121.9 348.6	124.975	ASR

CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
CHARLOTTE CLASS B	128.32 (001°-119° 8000' & BELOW) 120.05 (120°-245° 8000' & BELOW) 124.0 (075°-245° ABOVE 8000') 134.75 (246°-360° 8000' & BELOW) 120.5 (246°-074° ABOVE 8000') 307.8 (360°-179°) 257.2 (180°-359°)	CONTINUOUS
CHARLESTON AFB/INTL CLASS C	119.3 379.925 (331°-150°) 120.7 306.925 (151°-330°)	CONTINUOUS
COLUMBIA CLASS C	133.4 285.6 (290°-109°) 124.15 338.2 (110°-289°)	CONTINUOUS
FAYETTEVILLE CLASS C	125.175 285.575 (231°-060°) 133.0 295.0 (061°-230°) 127.8 343.725 (231°-320°)	CONTINUOUS
GREENSBORO CLASS C	124.35 269.225 (251°-049°) 126.6 327.075 (050°-249°)	CONTINUOUS
MYRTLE BEACH CLASS C	119.2 350.3 (322°-170°) 127.4 257.95 (171°-321°) O/T 134.375 317.55 JACKSONVILLE CNTR	0600-2300 O/T CLASS G
POPE AFB CLASS C	133.0 295.0 (061°-230°) 125.175 285.575 (271°-090°)	CONTINUOUS
RALEIGH CLASS C	125.3 353.675 (011°-190°) 132.35 256.9 (230°-024°)	CONTINUOUS
SAVANNAH CLASS C	118.4 354.0 (270°-010°) 125.3 371.875 (011°-109°) 120.4 353.775 (110°-269°) O/T 132.925 363.2 JACKSONVILLE CNTR	0600-2400 O/T CLASS E
SHAW AFB CLASS C	125.4 318.1 O/T 124.7 269.55 JACKSONVILLE CNTR	0700-2330 O/T CLASS E
AUGUSTA TRSA	119.15 284.625 (350°-169°) 126.8 270.3 (170°-349°) O/T 128.1 322.325 ATLANTA CNTR	0645-2300
WILMINGTON TRSA	135.75 317.425 (344°-163°) 118.25 284.65 (164°-343°) O/T 135.75 317.425 JACKSONVILLE CNTR	0600-2300
BEAUFORT MCAS/MERRITT	123.7 269.125 (3000' & BELOW) 125.275 292.125 (ABOVE 3000') O/T 132.925 363.2 JACKSONVILLE CNTR	0700-2300 1800-1800 HOL
BOGUE MCALF	124.1 268.7 (EAST) 119.35 377.175 (WEST)	CONTINUOUS
CAMP DAVIS MCOLF	119.35 377.175	CONTINUOUS
CHERRY POINT MCAS/CUNNINGHAM	119.75 360.775 (NORTH) 132.575 299.6 (EAST AT & BELOW 2600') 124.1 268.7 (EAST ABOVE 2600') 119.35 377.175 (WEST)	CONTINUOUS
MACKALL AAF	127.8 343.725	CONTINUOUS
MC ENTIRE JNGB	125.4 318.1 O/T 124.7 269.55 JACKSONVILLE CNTR	0700-2330
NEW RIVER MCAS/MCCUTCHEON	119.35 377.175	CONTINUOUS
OAK GROVE MCOLF	119.35 377.175	CONTINUOUS
SEYMOUR JOHNSON AFB	119.7 273.6 (111°-257°) 127.7 290.9 (258°-110°) O/T 135.5 281.425 WASHINGTON CNTR	0700-2300



CHARLOTTE VFR WAYPOINTS

VFR Waypoint names consist of five letters beginning with "VP". Stand-alone VFR Waypoints are portrayed on VFR Charts using the same four-point star symbol currently used for Instrument Flight Rules (IFR) Waypoints.

VFR Waypoints collocated with Visual Checkpoints (Visual Reporting Points) are portrayed with a Checkpoint flag. The VFR Waypoint name is shown in parentheses adjacent to the Visual Checkpoint name.

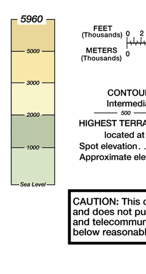
VFR Waypoint names are not intended to be pronounceable and shall not be used in ATC Communications.

VPATO		N34°37.37' / W076°31.47'
VPAVA		N34°57.00' / W077°16.50'
VPBFE		N32°16.38' / W080°47.50'
VPBRA		N36°13.75' / W076°08.08'
VPENO		N34°39.18' / W081°58.02'
VPGCE		N36°03.90' / W076°36.42'
VPGHI		N35°15.30' / W075°31.25'
VPGIO		N35°32.50' / W076°37.33'
VPKJU		N35°26.58' / W076°10.22'
VPLMN		N34°55.43' / W077°46.42'
VPMAB		N34°42.20' / W077°03.50'
VPNPO	ISLE OF PALMS	N32°47.78' / W079°46.45'
VPOKY		N35°06.53' / W075°59.17'
VPREP		N32°33.98' / W080°21.82'
VPRRS		N33°25.45' / W079°07.60'
VPUMO		N35°35.63' / W075°28.08'
VPWLW		N34°32.88' / W081°59.93'
VPWZO		N36°00.87' / W075°40.07'
VPZIE		N32°01.62' / W080°53.42'

Flight Following Services are available on request and highly recommended in and around Class B, C, and TRSA areas.

COASTAL MOA ADVISORY SERVICE
VHF 119.225 OR PHONE 1-800-229-2839

FOR PROCUREMENT: For digital products, visit http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/
For a list of approved FAA Print Providers, visit our website at: http://www.faa.gov/air_traffic/flight_info/aeronav/print_providers/



CONVERSION OF ELEVATIONS

CONTOUR INTERVAL 500 feet
Intermediate contours 250 feet
HIGHEST TERRAIN elevation is 5960 feet located at 36° 06' N - 81° 49' W
Spot elevation 4254
Approximate elevation . . . . x 3200

CAUTION: Severe turbulence may occur over rugged terrain. See AIM.

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

Lambert Conformal Conic Projection Standard Parallels 33° 20' and 38° 40'
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

SPECIAL USE AIRSPACE ON CHARLOTTE SECTIONAL CHART

Unless otherwise noted altitudes are MSL and in feet. Time is local. "TO" an altitude means "To and including." FL - Flight Level. NO A/G - No air to ground communications. Contact Flight Service for information.

† Other times by NOTAM. NOTAM - Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use Areas indicates the DoD NOTAM system.

U.S. P-PROHIBITED, R-RESTRICTED, W-WARNING, A-ALERT, MOA-MILITARY OPERATIONS AREA

NUMBER	ALTITUDE	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
R-3005 A, B, D	TO 29,000	0600-2400 †24 HRS IN ADVANCE	JACKSONVILLE CNTR	
R-3005 C	TO 29,000	0600-0300 †24 HRS IN ADVANCE	JACKSONVILLE CNTR	
R-5301	TO 14,000	CONTINUOUS	GIANT KILLER	118.125 233.7
R-5302 A	TO 14,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5302 B	100 AGL TO 10,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5302 C	100 AGL TO 3000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5303 A	TO BUT NOT INCL 7000	0600-1800 MON-FRI †24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5303 B	7000 TO BUT NOT INCL 10,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5303 C	10,000 TO BUT NOT INCL FL 180	BY NOTAM 24 HRS IN ADVANCE	WASHINGTON CNTR	135.5 272.75
R-5304 A	TO BUT NOT INCL 7000	0600-1800 MON-FRI †24 HRS IN ADVANCE	CHERRY POINT APP	
R-5304 B	7000 TO BUT NOT INCL 10,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	
R-5304 C	10,000 TO BUT NOT INCL FL 180	BY NOTAM 24 HRS IN ADVANCE	WASHINGTON CNTR	135.5 272.75
R-5306 A	TO BUT NOT INCL FL 180	CONTINUOUS	CHERRY POINT APP	124.1 268.7
R-5306 C	1200 TO BUT NOT INCL FL 180	CONTINUOUS	CHERRY POINT APP	124.1 268.7
R-5306 D, E	TO BUT NOT INCL FL 180	CONTINUOUS	CHERRY POINT APP	124.1 268.7
R-5311 A	TO BUT NOT INCL 7000	CONTINUOUS	WASHINGTON CNTR	135.2 348.65
R-5311 B	7000 TO BUT NOT INCL 12,000	CONTINUOUS	WASHINGTON CNTR	135.2 348.65
R-5311 C	12,000 TO BUT NOT INCL FL 290	CONTINUOUS	WASHINGTON CNTR	135.2 348.65
R-5313 A	TO 18,000	0800-2300 MON-FRI †24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5313 B, C	100 AGL TO 13,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5313 D	500 AGL TO 13,000	BY NOTAM 24 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5314 A, D	TO FL 205	0600-2400 MON-FRI †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5314 B, E	500 AGL TO FL 205	0600-2400 MON-FRI †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5314 C, F	200 AGL TO 15,000	0600-2400 MON-FRI †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5314 H	500 AGL TO 10,000	0600-2400 MON-FRI †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-5314 J	1000 AGL TO 6000	0600-2400 MON-FRI †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
R-6001 A	TO 3200	INTERMITTENT 0630-2400	JACKSONVILLE CNTR	
R-6001 B	3200 TO FL 230	INTERMITTENT 0630-2400	JACKSONVILLE CNTR	
R-6002 A	TO BUT NOT INCL 13,000	0600-2400 MON-FRI 0800-1600 SAT †8 HRS IN ADVANCE	JACKSONVILLE CNTR	
R-6002 B	13,000 TO BUT NOT INCL FL 180	0600-2400 MON-FRI 0800-1600 SAT †8 HRS IN ADVANCE	JACKSONVILLE CNTR	
W-72 A	E OF 75°30'00" UNLIMITED W OF 75°30'00" TO BUT NOT INCL 2000	INTERMITTENT BY NOTAM	WASHINGTON CNTR	
W-74	TO 10,000	INTERMITTENT BY NOTAM	JACKSONVILLE CNTR	
W-110	TO FL 230	INTERMITTENT BY NOTAM	FACSFAC VACAPES	
W-122	UNLIMITED	INTERMITTENT BY NOTAM	WASHINGTON CNTR	
W-137 A	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
W-138 A	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
W-139 A	UNLIMITED	CONTINUOUS	JACKSONVILLE CNTR	
W-140 A	TO FL 240	CONTINUOUS	JACKSONVILLE CNTR	
W-161 A	TO FL 620	SR-0100	JACKSONVILLE CNTR	
W-161 B	TO FL 300	SR-0100	JACKSONVILLE CNTR	
W-177 A	TO FL 500	SR-0100	JACKSONVILLE CNTR	
W-177 B	TO FL 300	SR-0100	JACKSONVILLE CNTR	
A-530	TO BUT NOT INCL FL 180	0700-2300	NO A/G	
A-531	200 AGL TO 1500 AGL	INTERMITTENT 0600-2400 MON-FRI BY NOTAM SAT-SUN	NO A/G	

MOA NAME	ALTITUDE*	TIME OF USE†	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
BEAUFORT 1	100 AGL TO 10,000	INTERMITTENT BY NOTAM	JACKSONVILLE CNTR	
BEAUFORT 2	100 AGL TO 7000	INTERMITTENT, 4 DAYLIT HRS PER DAY, 2 DAYS PER MONTH BY NOTAM	JACKSONVILLE CNTR	
BEAUFORT 3	100 AGL TO 2000	INTERMITTENT, 4 DAYLIT HRS PER DAY, 2 DAYS PER MONTH BY NOTAM	JACKSONVILLE CNTR	
BULLDOG B	10,000	INTERMITTENT 0700-2400	ATLANTA CNTR	
BULLDOG C	500 AGL TO BUT NOT INCL 10,000	INTERMITTENT 0700-2400	ATLANTA CNTR	
COASTAL 5	300 AGL	INTERMITTENT 0700-2200 MON-FRI INTERMITTENT 0700-2200 BY NOTAM SAT-SUN	JACKSONVILLE CNTR	
COASTAL 6	10,001	INTERMITTENT 0700-2200 MON-FRI INTERMITTENT 0700-2200 BY NOTAM SAT-SUN	JACKSONVILLE CNTR	
COASTAL 8	11,000	INTERMITTENT 0700-2200 MON-FRI INTERMITTENT 0700-2200 BY NOTAM SAT-SUN	JACKSONVILLE CNTR	
CORE	3000	INTERMITTENT 0700-2300 MON-FRI	CHERRY POINT APP	119.75 360.775
FORT BRAGG NORTH A	500 AGL TO 6000	INTERMITTENT 0700-2400 MON-FRI BY NOTAM SAT-SUN	FAYETTEVILLE ATCT	
FORT BRAGG NORTH B	4000 TO 6000	INTERMITTENT 0700-2400 MON-FRI BY NOTAM SAT-SUN	FAYETTEVILLE ATCT	
FORT BRAGG SOUTH A	500 AGL TO 6000	INTERMITTENT 0700-2400 MON-FRI BY NOTAM SAT-SUN	FAYETTEVILLE ATCT	
FORT BRAGG SOUTH B	1500 AGL TO 6000	INTERMITTENT 0700-2400 MON-FRI BY NOTAM SAT-SUN	FAYETTEVILLE ATCT	
FORT STEWART B1	500 AGL TO 4999	INTERMITTENT 0600-2200 MON-FRI BY NOTAM	JACKSONVILLE CNTR	
FORT STEWART B2	5000 TO 10,000	BY NOTAM	JACKSONVILLE CNTR	
GAMECOCK B	10,000	INTERMITTENT 0800-2400	JACKSONVILLE CNTR	
GAMECOCK C	100 AGL TO 10,000	INTERMITTENT 0630-2230 MON-FRI	WASHINGTON CNTR	
GAMECOCK D	7000	INTERMITTENT 0800-2400	JACKSONVILLE CNTR	
GAMECOCK I	100 AGL TO 10,000	INTERMITTENT 0800-2400	JACKSONVILLE CNTR	
HATTERAS F	3000 TO 13,000	0700-2200 MON-FRI	WASHINGTON CNTR	
PAMLICO A	8000	INTERMITTENT SR-2300 MON-FRI	CHERRY POINT APP	119.75 360.775
PAMLICO B	8000	INTERMITTENT 0700-2200 MON-FRI	CHERRY POINT APP	119.75 360.775
PHELPS A	6000	INTERMITTENT 0600-2400 MON-FRI; 0700-1800 SAT-SUN †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
PHELPS B	10,000	INTERMITTENT 0600-2400 MON-FRI; 0700-1800 SAT-SUN †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
PHELPS C	15,000	INTERMITTENT 0600-2400 MON-FRI; 0700-1800 SAT-SUN †6 HRS IN ADVANCE	CHERRY POINT APP	119.75 360.775
POINSETT	300 AGL TO 2500	0600-2400 MON-FRI 0800-1600 SAT †8 HRS IN ADVANCE	SHAW APP	
SEYMOUR JOHNSON ECHO	7000	0600-2000 MON-FRI	WASHINGTON CNTR	
STUMPY POINT	TO BUT NOT INCL 8000	INTERMITTENT SR-2300 MON-FRI	CHERRY POINT APP	119.75 360.775

*Altitudes indicate floor of MOA. All MOAs extend to but do not include FL 180 unless otherwise indicated in tabulation or on chart.
†Other times by DoD NOTAM.

Features normally used as checkpoints for controlling VFR traffic are emphasized on this series of charts so they may be readily identified.

Example: POWER PLANT

The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.

Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

MILITARY TRAINING ROUTES (MTRs)

All IR and VR MTRs are shown, and may extend from the surface upwards. Only the route centerline, direction of flight along the route, and the route designator are depicted - route widths and altitudes are not shown.

Since these routes are subject to change every 56 days, you are cautioned and advised to contact Flight Service for route dimensions and current status for those routes affecting your flight.

Routes with a change in the alignment of the charted route centerline will be indicated in the Aeronautical Chart Bulletin of the Chart Supplement.

DoD users refer to Area Planning AP/1B Military Training Routes North and South America for current routes.

REGULATIONS REGARDING FLIGHTS OVER CHARTED NATIONAL PARK SERVICE AREAS, U.S. FISH AND WILDLIFE SERVICE AREAS, AND U.S. FOREST SERVICE AREAS

The landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service or U.S. Forest Service without authorization from the respective agency. Exceptions include: 1) when forced to land due to an emergency beyond the control of the operator, 2) at officially designated landing sites, or 3) on approved official business of the Federal Government.
All aircraft are requested to maintain a minimum altitude of 2,000 feet above the surface of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas and Scenic Riverways administered by the National Park Service; National Wildlife Refuges, Big Game Refuges, Game Ranges and Wildlife Ranges administered by the U.S. Fish and Wildlife Service; and Wilderness and Primitive areas administered by the U.S. Forest Service. FAA Advisory Circular (AC) 91-36, "Visual Flight Rules (VFR) Flight Near Noise-Sensitive Areas," defines the surface as: the highest terrain within 2,000 feet laterally of the route of flight, or the upper-most rim of a canyon or valley.
Federal regulations also prohibit airdrops by parachute or other means of persons, cargo, or objects from aircraft on lands administered by the three agencies without authorization from the respective agency. Exceptions include: 1) emergencies involving the safety of human life, or 2) threat of serious property loss.

Boundary of National Park Service areas, U.S. Fish and Wildlife Service areas, and U.S. Forest Service Wilderness and Primitive areas.

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF).
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

Example: 12,500 feet . . . . 12[5]

NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES

All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-2 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

CHARLOTTE