WASHINGTON
LEGEND

Aircraft having Control Towers are shown in blue. Consult the Airport/Facility Directory (A/FD) for details including airport lighting, navigation aids, and services. For additional airport information refer to the Chart User's Guide.

AIRPORTS

- Other than hard surface runways — 5 Stapleton Base
- Hard surface runways 1500 ft. to 8069 ft. in length
- Hard surface runways greater than 8069 ft. or some multiple runways less than 8069 ft.
- Rotor (with visible hard surface) landing or takeoff area
- Seaplane base
- Heliport
- Military Airport
- Military Heliport
- Gliderport
- Ultralight Flightpark
- Balloonport

All airports with hard surface runways, including those closed and shown for visual identification, depict only the usable (in green).

ADDITIONAL AIRPORT INFORMATION

- Airport of Entry (AOE) or Landing Rights Airport (LRA)
- Customs User Fee Airport (CUFA)
- Limited Operations Airport (LOA)
- Part-time airport operation
- Parachute Jumping Area
- Hang Glider Activity Area
- Glider Operations
- Rotorcraft Only Operations
- Seaplane Base
- Ultralight Activity
- Unmanned Aircraft Systems (UAS)

Airports with operational towers normally control incoming flights operating in the vicinity of the airport. Some towers control departures as far out as the approach gate (point where aircraft begin descent to the airport) and may be responsible for aircraft in the surrounding airspace. Contact the tower for specific responsibility at airports with more than one control tower.

Wireless airport in-range or broadcast frequency (UNICOM, MULTICOM, FSS, or CTAF).

RADIO AIDS TO NAVIGATION AND COMMUNICATION BOXES

- VOR, VOR-DME, VORTAC
- TACAN
- NDB, NDB-DME
- Non-Directional Radiobeacon (NDB)
- Tactical Air Navigation (TACAN)
- Marine Radiobeacon
- Aeronautical Light Beacon
- Rotating Beacon
- Flashing Beacon
- Airport Identification Beacon
- Obstruction Light
- Lighted Obstruction
- Obstruction Mark
- Wind Cone/Tetrahedron
- Segmented Circle
- Landing Direction Indicator
- Runway Lights
- Pilot Controlled Lighting
- Runway Edge Lights
- Taxiway Lights
- Taxiway Edge Lights
- Visual Glide Slope Indicator
- Runway End Identifier Lights
- Land and Hold Short Lights
- Approach Lights
- Runway Alignment Indicator Lights
- Omnidirectional Approach Lighting System (ODALS)
- Runway Distance Remaining Sign
- Runway Centerline Lights
- Runway Touchdown Zone Lights
- Runway Status Light System (RWSL)
- Taxiway Centerline Lights
- Taxiway Turnoff Lights
- Stopway Lights
- Omnidirectional Approach Lighting System (ODALS)
- Runway Distance Remaining Sign
- Runway Centerline Lights
- Runway Touchdown Zone Lights
- Runway Status Light System (RWSL)
- Taxiway Centerline Lights
- Taxiway Turnoff Lights
- Stopway Lights

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

- Class B Airspace
- Class C Airspace
- Class D Airspace
- Ceiling of Class D Airspace in hundreds of feet MSL. Ceiling value is exclusive of the floor.
- Class E (surface) Airspace
- Class E Airspace with floor 700 ft. above surface
- Class E Airspace with floor 1200 ft. or greater above surface
- Class E Airspace extensions
- Class E Airspace over VOR, VOR/DME, VORTAC, TACAN
- Class E Airspace for offshore Petrole Helicopters
- Prohibited, Restricted, Warning, Military Operations Area (MOA), and Alert Area
- Temporary Flight Restrictions
- Special Use Airspace
- Special Air Traffic Areas (SATA)
- ADIZ - Air Defense Identification Zone

TOPOGRAPHIC INFORMATION

- Roads
- Railroad
- Bridges And Viaducts
- Aerial Cable
- Power Transmission Line
- Lighted Tower
- Unlighted Tower
- Tank
- Spot Elevation
- Mine
- Quarry
- Wooded Area
- Mountain Peak
- Contour Lines (Index, Intermediate, Supplementary)
- Depression Contours
- Intermittent Lake
- Dry Lake
- Reservoir
- Dam
- Aqueduct
- Pipeline

OBSTRUCTIONS

- Obstruction with high intensity white strobe lights
- Obstruction with red lights
- Group Obstruction
- Obstruction under construction or reported (not verified)

NOTE: Only those obstructions which exceed 1,000 feet above ground level are charted.

MISCELLANEOUS

- Aeronautical Light Beacon
- Airport Rotating Beacon
- Flashing Light
- Heliport
- Marine Navigation Light
- Marine Radiobeacon
- Non-Directional Radiobeacon
- Tactical Aircraft Control Point
- Tactical Navigation (TACAN)
- VOR, VOR-DME, VORTAC, TACAN and Magnetic Variation
- Weather Reporting Station

WASHINGTON
SECTIONAL AERONAUTICAL CHART

SCALE 1:500,000

Lambert Conformal Conic Projection Standard Parallels 33°20' and 39°40'
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

82 82nd Edition August 30, 2007
Effective date, August 30, 2007 to effective date, August 23, 2007

and all other aeronautical data received by July 5, 2007

Information on the reverse side of this chart is updated every 56 days and available every 56 days in the AERONAUTICAL INFORMATION Chart Bulletin section (online at www.nfdc.faa.gov), else consult appropriate NOTICES TO AIRMEN (NOTAMs) and other FLIGHT INFORMATION PUBLICATIONS (FLIPs) for the latest changes.

This chart will become OBSOLETE FOR USE IN AIRCRAFT upon publication of the next edition scheduled for

PUBLISHED AT THE DIRECTION OF THE AERONAUTICAL CHART AND CARTOGRAPHIC COMMITTEE
SPECIFICATIONS AND ASSESSMENTS, APPROVED BY:
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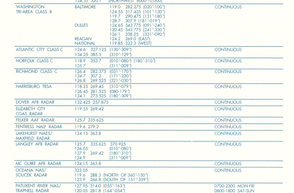

CONTOUR INTERVAL 500 feet
Alternate contour interval 250 feet

HIGHEST TERRAIN elevation is 4000 feet located at: 38°31'N / 79°13'W

Spot elevation ..... • 4314
Maximum elevation 4000
Possible locations are indicated by tolerance of the point locator: 3/4 or "V"

CONVERSION OF FEET TO METERS

FEET	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
METERS	0	305	610	914	1219	1524	1829	2134	2438	2743	3048	3353	3658	3962	4267	4572	4877	5182	5486	5791	6096

MILITARY TRAINING ROUTES (MTRs)

All IR and VR MTRs are shown, and may extend from the surface upwards. Only those SR routes which are 1,500 feet AGL at the floor and/or 10,000 feet MSL are depicted. Route widths and altitudes are not shown.

Slow Low routes are subject to change every 56 days, and the charts are updated accordingly. Pilots should consult appropriate NOTAMs and Flight Information Publications for current status for those routes affecting your flight.

Routes with a change in the alignment of the charted route centerline will be identified by the addition of a new route number. Unchanged routes will retain their existing numbers.

Military Pilots refer to Area Planning AP/1B Military Training Route North and South America for current routes.

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WASHINGTON
CONTROL TOWER FREQUENCIES ON WASHINGTON SECTIONAL CHART

Airports with operating control towers are listed in alphabetical order. Primary and secondary VHF tower (control frequency) and - information for each tower is listed in the table below. Operational hours are listed next. The primary VHF and UHF tower (control frequencies are listed). An asterisk (*) indicates the part-time tower frequency is secondary to a scheduled full-time FSS for the airport. Automatic Terminal Information Service (ATIS) frequencies are listed next. Automatic Weather Observing Service (AWOS) or Automatic Surface Observing System (ASOS) frequencies shown in the Key of the chart are primary and VHF/UHF frequencies are listed next. Ground control frequencies are listed next. Finally, the airport elevation is listed.

AOE and LRA indicate Radio Instrument Approach available.

CONTROL TOWER	OPERATES	TWR FREQ	GND CON	ATIS	ELEV/PAT
ANDREWS AFB	CONTINUOUS	134.3 (UHF)	121.8	313.0 (22-03)	280
BALTIMORE-WASHINGTON INTL	CONTINUOUS	118.7 (UHF)	121.9 (UHF)	113.7 (22-03)	
BOLLING/WASHINGTON, DC	CONTINUOUS	124.0 (UHF)	121.7 (UHF)		
CAL TRAPE/COLD, WARFIELD					
CAMBRIDGE-DORCHESTER	1400-0100	124.2 (UHF)	121.9	124.725	16/35
CHARLOTTESVILLE-ALBEMARLE	0600-2100	118.7 (UHF)	121.9 (UHF)	125.075	
DAVISON AAF	0600-2100	134.3 (UHF)	121.9 (UHF)	128.175	19/8
			257.8 (UHF)		
DOVER AFB	CONTINUOUS	141.25 (UHF)	275.8 (UHF)	233.8 (UHF)	23/12
EASTERN SHORE REGIONAL	1200-2400 (MON-FRI)	124.2 (UHF)	121.9 (UHF)		
FAIRFIELD	1200-2400 (MON-FRI) 1300-2400 (SAT-SUN) 13-01 (ALWAYS)	124.2 (UHF)	121.9 (UHF)		
FLEMING CITY (CLOSED)	0700-2300	134.9 (UHF)	122.9		
FREDERICK MUNI	1200-2400 (MON-FRI) 1300-2400 (SAT-SUN)	118.3 (UHF)	121.9 (UHF)		
GEORGE AFB	CONTINUOUS	118.3 (UHF)	121.9 (UHF)	118.4	
GEORGETOWN	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.075 (UHF)	122.9 (UHF)	123.075	
GRASONVILLE	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
GREENBELT	CONTINUOUS	124.0 (UHF)	121.9 (UHF)	120.1	
HAGERSTOWN RGNL-RICHARD A. HENSON FIELD	1200-2400 (MON-FRI) 1300-2400 (SAT-SUN)	118.3 (UHF)	121.9 (UHF)	118.3	
HARFORD CO	CONTINUOUS	124.2 (UHF) 257.8 (UHF)	121.9 (UHF) 243.0 (UHF)	124.2	43/7W
HORSEHEAD MAGNESIUM	0600-2100	134.9 (UHF)	122.9 (UHF)	122.9	
HOUSER INSTRUCTION	CONTINUOUS	123.9 (UHF)	121.9 (UHF)	123.9	43/7W
HUYLER/C BOB HAIG	CONTINUOUS	123.9 (UHF)	121.9 (UHF)	379.9	43/7W
INDIANOLA AAF	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	257.8 (UHF)			
INSKIP/SALISBURY-WICOMICO	0600-2100	134.1 (UHF)	121.9 (UHF)	123.9 (UHF) 243.0 (UHF)	
JOINT BASE ANACOSTIA-BOLLING	CONTINUOUS	118.7 (UHF) 251.0 (UHF)	121.7 (UHF) 243.0 (UHF)	118.4	
KENT ISLAND	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	118.3 (UHF)	121.9 (UHF)	118.3	
LAUREL-MONTPELIER RGNL	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	118.3 (UHF)	121.9 (UHF)	123.9 (UHF) 243.0 (UHF)	43/7W
LEESBURG EXECUTIVE	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	118.3 (UHF)	121.9 (UHF)	118.3	
MARTIN STATE	0600-2100	134.9 (UHF)	122.9 (UHF)	122.9	
MC HENRY	CONTINUOUS	118.3 (UHF)	121.9 (UHF)	123.9 (UHF) 243.0 (UHF)	43/7W
MC LEAN	CONTINUOUS	118.3 (UHF) 257.8 (UHF)	121.9 (UHF) 243.0 (UHF)	118.3	43/7W
MIDDLE RIVER	0600-2100	134.9 (UHF)	122.9 (UHF)	122.9	
MONTGOMERY-GAITHER	CONTINUOUS	118.3 (UHF)	121.9 (UHF)	123.9 (UHF) 243.0 (UHF)	43/7W
NORTH BEACH	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
OCEAN CITY MUNI	CONTINUOUS	118.7 (UHF)	121.9 (UHF)	118.4	
PHILLIPS AAF	0600-2100 (MON-FRI) 1300-2400 (SAT-SUN)	134.3 (UHF)	121.9 (UHF)	118.4	
QUANTICO MCAF/TURNER FIELD	CONTINUOUS	118.3 (UHF)	121.9 (UHF)	123.9 (UHF) 243.0 (UHF)	43/7W
QUEEN ANNE	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
RANGE AAF	0600-2100 (MON-FRI) 1300-2400 (SAT-SUN)	134.9 (UHF)	122.9 (UHF)	122.9	
RAPPAHANNOCK/WARSAW	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
SALISBURY-OCEAN CITY WICOMICO RGNL	CONTINUOUS	118.7 (UHF) 251.0 (UHF)	121.9 (UHF) 243.0 (UHF)	118.4	43/7W
SHANNON	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
SOUTHERN MARYLAND	CONTINUOUS	118.3 (UHF) 257.8 (UHF)	121.9 (UHF) 243.0 (UHF)	118.3	43/7W
STEVENSVILLE	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
TAYLORS ISLAND	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
TRAPPE	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
WALDORF	1400-2400 (MON-FRI) 1300-2400 (SAT-SUN)	123.9 (UHF)	122.9 (UHF)	123.9	
WASHINGTON DULLES INTL	CONTINUOUS	120.1 (UHF) 257.8 (UHF)	121.9 (UHF) 243.0 (UHF)	124.45	
WASHINGTON NATIONAL	CONTINUOUS	120.1 (UHF) 257.8 (UHF)	121.9 (UHF) 243.0 (UHF)	134.85	
WEBSTER FIELD	0600-2100 (MON-FRI) 1300-2400 (SAT-SUN) 13-01 (ALWAYS)	134.9 (UHF)	122.9 (UHF)	122.9	
WILLOW GROVE NAS	0600-2100 (MON-FRI) 1300-2400 (SAT-SUN)	134.9 (UHF)	122.9 (UHF)	122.9	43/7W

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

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
BALTIMORE (ADIZ)	118.3 (R) 120.1 (R) 120.7 (R) 121.1 (R) 121.4 (R) 121.7 (R) 123.9 (R) 124.2 (R) 124.45 (R) 125.1 (R) 125.4 (R) 125.7 (R) 126.0 (R) 126.3 (R) 126.6 (R) 126.9 (R) 127.2 (R) 127.5 (R) 127.8 (R) 128.1 (R) 128.4 (R) 128.7 (R) 129.0 (R) 129.3 (R) 129.6 (R) 129.9 (R) 130.2 (R) 130.5 (R) 130.8 (R)