Federal Aviation Administration

Facility Orientation Guide

Air Traffic Control System Command Center

POTOMAC CONSOLIDATED TRACON

AIR TRAFFIC CONTROL SYSTEM
COMMAND CENTER ENTRANCE

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DAVID J. HURLEY
AIR TRAFFIC CONTROL SYSTEM COMMAND CENTER
3701 MACINTOSH DRIVE
WARRENTON, VIRGINIA 20187
(540) 422-4000

WELCOME TO THE ATCSCC

The Command Center is comprised of several major functions that work together to ensure the safest, most secure and cost-effective Air Traffic services in the world.

> **OUR MISSION** – The Air Traffic Control System Command Center Mission is to balance safety requirements with capacity and demand, through strategic management of the air traffic flow to minimize delays and congestion, while maximizing the overall throughput of the National Airspace System.

Air Traffic Control System Command Center (ATCSCC) Overview

The ATCSCC serves as the principal element of the Systems Operations Division of the Air Traffic Organization (ATO) and is responsible for the real-time command, control and oversight of the National Airspace System (NAS). As such, the Command Center, as it is commonly known, is responsible for and committed to managing the NAS in a safe, efficient, cohesive and collaborative manner.

The Command Center is the largest, most sophisticated facility of its kind in the world, providing the dynamic interface and coordination of all air traffic movement, both civil and military, in both domestic and oceanic airspace, along with the services provided by Air Traffic Control field facilities. On a day to day basis, the Command Center determines the need for national and international traffic management initiatives throughout the NAS.

Utilizing the latest technology and telecommunications systems, the Command Center collaborates with FAA headquarters and field facilities in response to real-time system operational needs and requirements, regulating the flow of air traffic, in order to minimize delays and congestion, while maximizing the overall operation of the NAS.

The new 63,000 square foot state-of-the-art facility sits on a beautiful 33-acre parcel of land shared with the Potomac Consolidated TRACON (PCT). The combined ATCSCC/PCT site is the first of its kind within the FAA, sharing infrastructure telecommunications and security resources, back-up power and maintenance services and Technical Operations staff. The facility grounds boast beautiful mountain views and a one mile walking trail around the property.

The History of the Command Center

The Command Center was first established in April, 1970 at FAA Headquarters as a permanent part of the air traffic control system. It was known as the Central Flow Control Facility (CF^2). Its purpose was to integrate the national air traffic functions of the Airport Reservation Office, the Air Traffic Service Contingency Command Post, and the Central Altitude Reservation Function into the Central Flow Control Facility. It was linked by teletypewriter and telephone to all 21 centers, detected potential trouble spots and suggested solutions such as flow-control restrictions or rerouting.

In 1994, the facility was moved to Herndon, Virginia. In an effort to operate a more cost efficient facility, the Command Center relocated in March 2011 to the Vint Hill area of Northern Virginia near Warrenton, Virginia.
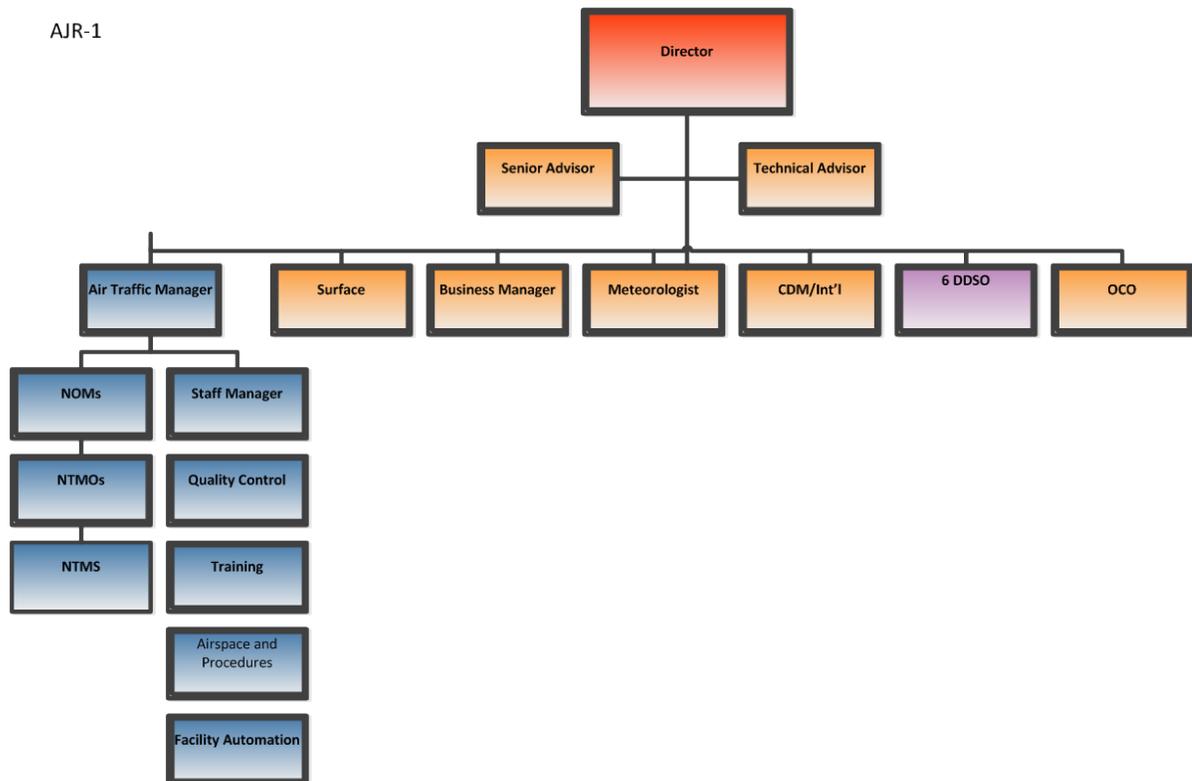
The Air Traffic Control System Command Center (ATCSCC) stands as a legacy to the vision of David J. Hurley. Early on, Mr. Hurley recognized the importance of system leadership and worked tirelessly on the relocation of the Command Center from FAA Headquarters to Herndon, Virginia. Mr. Hurley played a key role in redefining the Traffic Management Organization and positioning it to meet the challenges of the future. As Director of Traffic Management, David J. Hurley was recognized for his vision and leadership. He received the Department of Transportation Secretary's Award for Meritorious Achievement in 1990. In 1992, he received the Senior Executive Service Presidential Meritorious Rank Award. In 1994, he was presented ATCA's George W. Kriske Memorial Award. In 1995, Mr. Hurley returned to the FAA Eastern Region where his illustrious career began and became the Air Traffic Division Manager for the New England Region. Mr. Hurley passed away in 1997. In the summer of the same year, the Air Traffic Control System Command Center was rededicated the David J. Hurley Air Traffic Control System Command Center. On the right as you enter the

operations room of the Command Center, there is a prominently displayed portrait of Mr. Hurley. Along with the portrait is a sentiment which states, "His vision….our reality".

Systems Operations / ATCSCC Organizational Chart

The ATCSCC (shown in blue) is under the System Operations Director. There are approximately 200 ATO-Systems Operations personnel assigned to the Command Center. Approximately 65 of these are National Traffic Management Officers and National Traffic Management Specialists. Other key employees also serve an important role in supporting the ATCSCC Mission; this staff includes Automation, Air Space and Procedures, Quality Control and the Training Department.

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                              Director

                  Senior Advisor      Technical Advisor

 Air Traffic Manager    Surface   Business Manager   Meteorologist   CDM/Int'l   6 DDSO   OCO

   NOMs      Staff Manager

   NTMOs     Quality Control

   NTMS      Training

             Airspace and
             Procedures

             Facility Automation
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ATCSCC Policies

Reporting for duty:
Prior to arriving for the FAA 50113 Course, should you have any questions, you are encouraged to contact Training Manager Joe Dotterer via telephone (540-422-4500) or by email (Joe.Dotterer@faa.gov). For FAA employees, when you arrive at the Command Center, your FAA Personal Identity Verification (PIV) badge will be preprogrammed so that you can drive into the campus by swiping your PIV badge at the guard gate's card reader located on the right side (employee's) entrance gate. If you are <u>not</u> an FAA employee, you will park in the visitor's lot, sign in at the guardhouse, and receive an "Escort Required" badge. You will then be escorted to the facility door to meet the POC.
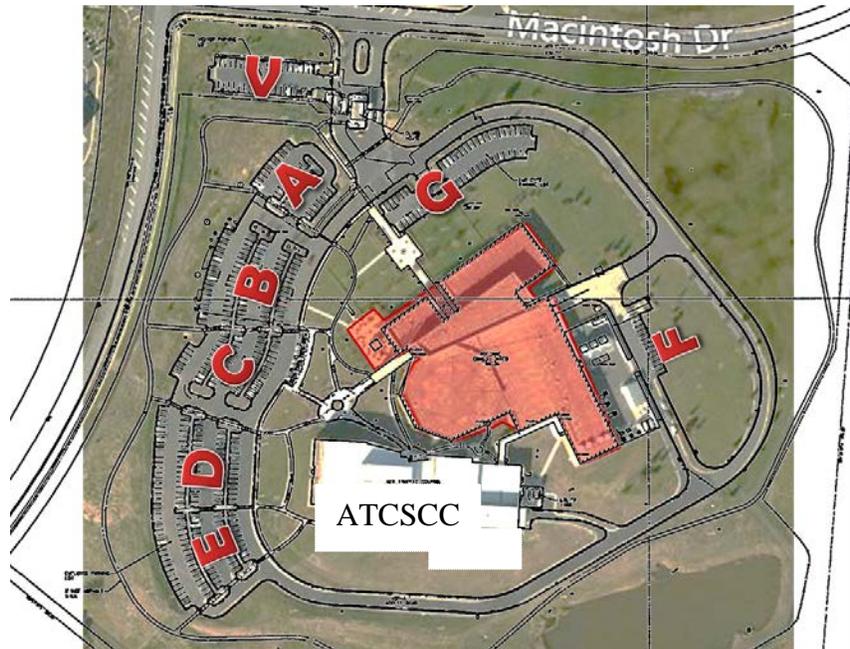
Building Access: For FAA employees, your PIV badge is used to access the exterior entrance doors and the control room at the Command Center

If an FAA employee forgets their PIV badge, they must sign-in at the Guard Station at the entrance of the property. The employee will be issued a temporary employee badge.

Loss of any form of FAA identification media may compromise security. As a result, FAA Security Directives require all employees to safeguard identification media against loss or theft. If an employee loses their PIV badge or access card, it must be reported immediately to the National Operations Manager on duty (540-442-4100) and the facility Security Guard force (540-349-7625).

Parking:
The facility has several parking areas which are designated alphabetically starting from the guard house and going counterclockwise around the facility. The parking areas include a Visitor's parking area (V) outside the main gate adjacent to the guard house and a large, general use parking lot with spaces designated for handicap parking, motorcycle parking, and employee parking. Access to the general lot is limited to government vehicles, assigned personnel with parking decals, and FAA authorized visitors. The most convenient lots to the Command Center are D & E.

ATCSCC

On snow days, a sign outside the security gate will be provided to inform employees of possible changes to the parking plan due to snow removal operations.

Security Gates:
You will need to roll your automobile window down for your PIV badge to activate the security gate arm sensor. Hold your badge up to the card reader control panel sensor and the security gate arm will activate. Do not try to enter or exit the facility security gates until the arm on the gate has traveled completely up. Not following this procedure, or trying to enter or exit behind another car, will cause the gate to come down damaging both your vehicle and the gate.

Visitors:
Visitors must sign-in at the guard station prior to entering Government property. Non-FAA visitors must park outside the facility perimeter fence in the Visitor's Parking Lot. Visitors will be issued an "Escort Required" red visitor's badge. Government employees will be issued a "Non-Escort" blue visitor's badge. All visitors must have some type of government picture ID, such as a driver's license. All non-FAA visitors with a red badge must be escorted by an ATCSCC employee at all times.

Inclement Weather:

During periods of inclement weather, the ATCSCC will provide operating status information for operational personnel and staff via telephone recording. This telephone number is: (540) 422-4800.

Our Location

The Command Center is located approximately 45 miles west of Washington, DC in Fauquier County, Virginia. As of 2010, the population of Fauquier County was 68,010. Fauquier County's seat is in Warrenton, and the county is a part of the Washington Metropolitan Area.

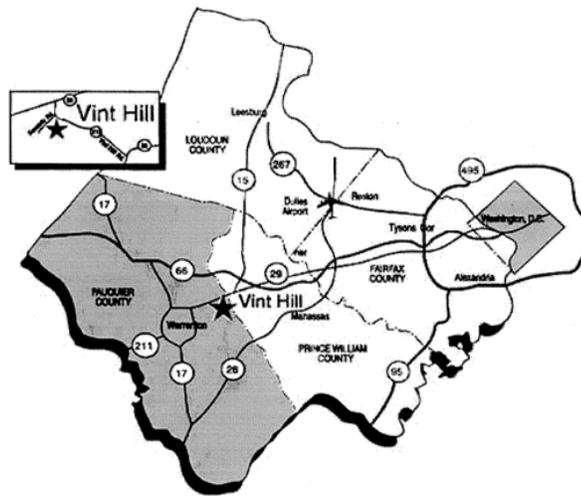

3701 MacIntosh Drive
Warrenton, Virginia 20187

Vint Hill is located on State Route 215, just 1.5 miles Southeast of US Route 29 in Eastern Fauquier County. It is ideally situated just 40 miles Southwest of Washington, DC and 95 miles Northwest of Richmond.

From Front Royal and points West
North on US-340 to I-66 East.
Exit 40 - Haymarket
South on Route 29 (Go 4.5 miles)
Left on Route 215 (Go 1.5 miles)
Right on Vint Hill Parkway
Left on MacIntosh Drive
Turn right into visitor's parking lot next to FAA guard house.

From Northern Virginia or Washington, DC
West on I-66
Exit 43A - Warrenton
South on Route 29 (Go 4.5 miles)
Left on Route 215 (Go 1.5 miles)
Right on Vint Hill Parkway
Left on MacIntosh Drive
Turn right into visitor's parking lot next to FAA guard house.

From Richmond, Virginia
North on I-95 to Route 17
North on Route 17 to Route 29/15
Yield right towards Warrenton
North on Route 29/15 (Go 13.5 miles)
Right on Route 215 (Go 1.9 miles)
Right on Vint Hill Parkway
Left on MacIntosh Drive
Turn right into visitor's parking lot next to FAA guard house.

From Baltimore, MD
South on I-95 to I-495 West to Virginia
I-495 South to I-66 West (Exit 9)
Exit 43A - Warrenton
South on Route 29 (Go 4.5 miles)
Left on Route 215 (Go 1.5 miles)
Right on Vint Hill Parkway
Left on MacIntosh Drive
Turn right into visitor's parking lot next to FAA guard house.

The closest major airport to the Command Center is the Washington Dulles International Airport (IAD). It is approximately 30 miles from the facility and depending on traffic, it should be about a 40 minute drive.

Other alternatives are Ronald Reagan Washington National Airport and Baltimore Washington International Airport. Washington National Airport is a distance of about 45 miles away and would take at least an hour or more drive, depending on traffic. The Baltimore/Washington International Thurgood Marshall Airport is approximately 80 miles from the Command Center and would require about a two hour drive.

Area Information:

The **Commonwealth of Virginia** is a state on the Atlantic Coast of the United States of America. Virginia is the 12th-most populous state in the U.S. with over 8 million residents and the 35th largest in area. It is named after Queen Elizabeth I of England, who was known as the 'Virgin Queen' as she never married. The Virginia Company of London founded the Virginia Colony in 1607 as the first permanent New World English colony, with the hemisphere's oldest legislature. Virginia was one of the original thirteen colonies in the American Revolution and part of the Confederacy in the American Civil War. Virginia is known as the "The Old Dominion" and sometimes "Mother of Presidents", because it is the birthplace of eight U.S. Presidents.

Virginia is bordered by Maryland and the District of Columbia to the north and east; by Chesapeake Bay and the Atlantic Ocean to the east; by North Carolina and Tennessee to the south; and by Kentucky to the west and by West Virginia to the north and west. Virginia's cities are connected by the third largest highway system in the nation.

Virginia is divided into independent cities and counties, which function in the same manner. Although it is not incorporated as a city, Fairfax County is the most populous locality in Virginia, with over one million residents. Fairfax has a major urban business and shopping centers in Tyson's Corner, which is Virginia's largest office market. Neighboring Loudoun County, with the county seat at Leesburg, has historically been the fastest-growing county in the United States. Arlington County, which lies across the Potomac River from Washington, D.C. and was originally part of the District of Columbia, is an urban community. It is much like a city but remains organized as a county, and have no towns within its borders. It is the smallest self-governing county in

the United States, by land area. The adjacent city of Alexandria has a historic seaport district.

The Northern Virginia region, once considered the state's dairy capital, now hosts software, communication technology, and consulting companies. As of 2011, Loudoun County to the north and Fairfax County further to the east rank the second and third highest median household income respectively, of all counties in the United States. Virginia has the highest concentration of technology workers of any state. Computer chips became the state's highest-grossing export in 2006, surpassing its traditional top export of coal and tobacco, combined. The Dulles Technology Corridor near Dulles International Airport has a high concentration of Internet, communications and software engineering firms.

Many of Northern Virginia's well-educated population work directly for Federal agencies. Many others work for government contractors, including defense and security contractors. Well-known government agencies headquartered in Northern Virginia include the Central Intelligence Agency, Transportation Security Administration and the Department of Defense, as well as the National Science Foundation, the United States Geological Survey and the United States Patent and Trademark Office.

www.northernva.com   Northern Virginia Visitor and Local Info.
www.virginia.gov   State of Virginia - Official Site
www.dmv.state.va.us   Virginia DMV

Just across the Potomac River, Washington, D.C. sits at the center of our metropolitan region. The seat of our Nation's government provides visitors with some of the worlds most famous landmarks including the U.S. Capital, the White House, the Smithsonian Institution, and a plethora of monuments, museums, historic sites and buildings.

The average metropolitan Washington, D.C. annual high temperature is 66 degrees and the average low temperature is 49 degrees. Average annual rainfall for the area is 39 inches a year.

http://washington.org   Official Tourism site for Washington, DC

The Washington/Baltimore Metropolitan area has professional teams in football, basketball, baseball, hockey and soccer.

National Football League:	National Basketball League:	Major League Soccer:
Washington Redskins	Washington Wizards	DC United
Baltimore Ravens		

Major League Baseball:	Women's National Basketball League:	Nat'l Hockey League:
Washington Nationals	Washington Mystics	Washington Capitals
Baltimore Orioles		

LOCAL COUNTY INFORMATION:

Fauquier County:
www.fauquiercounty.gov   Fauquier County Government
www.fcps1.org   Fauquier County Public Schools
www.fauquierchamber.org   Fauquier Chamber of Commerce
www.fauquiertoday.com   Fauquier Citizen
www.infauquier.com   Fauquier County Business

Loudoun County:
www.co.loudoun.va.us   Loudoun County Government
www.visitloudoun.org   Loudoun Convention & Visitors Assoc.
www.loudoun.k12.va.us   Loudoun County Public Schools
www.loudounchamber.org   Loudoun Chamber of Commerce

Prince William County:
www.pwcgov.org   Prince William County Government
www.pwcs.edu   Prince William County Public Schools
www.pwcparks.org   Prince William County Park Authority
www.visitpwc.com   Prince William County/Manassas Visitors Bureau
www.regionalchamber.org   Prince William Chamber of Commerce

Culpeper County:
www.culpepercounty.gov   Culpeper County Government
www.culpeperschools.org   Culpeper County Schools
www.culpepervachamber.com   Culpeper Chamber of Commerce

Fairfax County:
www.fairfaxcounty.gov   Fairfax County Government
www.co.fairfax.va.us   Fairfax County Official Site
www.fxva.com/fxva/index.html   Fairfax County Visitors Center

www.fcps.k12.va.us/index/shtml Fairfax County Public Schools
www.fccc.org Fairfax Chamber of Commerce

Warren County:
www.frontroyalva.com Town of Front Royal
www.discoverfrontroyal.com Front Royal/Warren Co. Visitors Bureau

ATCSCC Directory

The following list provides the most commonly used phone numbers within the Command Center:

Front Office	(540) 422-4000
National Operations Manager [recorded]	(540) 422-4100
Security	(540) 349-7625
Manager's Office	(540) 422-4004
Inclement Weather	(540) 422-4800
Training Department	(540) 422-4500

– END –

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