



Virginia Wing

Promoting Aerospace Education and STEM Activities

■ The Virginia Wing participated in new and emerging initiatives in 2019, bringing Civil Air Patrol's resources to new areas of the commonwealth while continuing to support the core missions of emergency services, cadet programs and aerospace education.

Aerospace Education

As part of the wing's promotion of aerospace and STEM (science, technology, engineering and math) education in local communities, volunteer pilots provided Teacher Orientation Program Flights in CAP planes to middle and high school teachers. The Hillsboro Charter Academy completed another year taking advantage of CAP's Aerospace Connections in Education (ACE) program, and Chesterfield County and Newport News schools are registering all their science teachers as CAP aerospace education members.

New Pilot

In September, Cadet Col. Saffron Hewitt-Qualls of the Coastal Composite Squadron in Virginia Beach became the first Virginia Wing cadet to earn her private pilot's certificate through CAP's new Cadet Wings program, created to help address the nation's commercial and military pilot shortage. Two more wing cadets are in the pipeline to follow in her path.

Cadet Activities

In addition to more than 600 orientation flights in CAP planes, cadets received military orientation rides in UH-60 Black Hawk helicopters from the Virginia Army National Guard and in a C-17 Globemaster III from the West Virginia Air National Guard. And cadets from across the wing have



continued their strong participation in the Air Force Association's CyberPatriot national cyber defense competition.

The Virginia Wing is also helping lead the way in CAP with small Unmanned Aerial Systems (sUAS), with one mission-ready UAS, eight training UASes and new pilots and technicians in training.

All the while, the wing has continued executing its traditional tasks, including air and ground search and rescue, aerial photography and training with state and local partners in searches, disaster relief and radio communications. Membership has continued to grow, and summer encampment remains one of CAP's largest, with the 2019 program drawing 243 students, 118 cadet staff and 63 adult staff.

A Virginia Wing member conducts a classroom presentation emphasizing STEM (science, technology, education and math) education.

Virginia Wing 2019 STATISTICS

Volunteer Members

985 adult members
1,045 cadets
205 aircrew personnel
1,305 emergency responders

Squadrons

30 locations statewide

Aircraft

12 single engine
1 glider

Vehicles

29 vehicles

Interoperable Communications

14 VHF/FM repeaters
255 VHF/FM stations
41 HF stations

Missions

8 search and rescue missions
8 finds*
* Includes finds credited with national team support

23 air defense intercept training and evaluation missions

11 CAP, AFROTC & AFJROTC cadet orientation flight missions
7 other Air Force support missions
47 training missions
1 other state support mission
2 other missions in support of partner agencies and organizations or local municipalities

Significant Events Supported in Fiscal Year 2019

Fertile Keynotes; Hurricane Dorian

Cadet Flying

1,143 CAP, AFROTC & AFJROTC cadet orientation flights

Total Hours Flown

2,176

Financial

\$100,000 in state funding
\$6,799,997 value of wing's volunteer hours

National Commander

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INTERESTING FACTS

Fourteen Virginia Wing squadrons earned CAP's Quality Cadet Unit Award.

The wing launched its small Unmanned Aircraft Systems program with nine sUASs.

The wing hosted its first STEM Day for science and engineering career exploration.