



CIVIL AIR PATROL
U.S. Air Force Auxiliary

2019 REPORT TO CONGRESS

Overview

66K+

Volunteers

\$165

Flight Hour Cost

1,442

Unit Locations

117

Lives Saved

560

Aircraft

4:1

Cost Savings



Contact John Swain at jswain@capnhq.gov for more information concerning this 2019 Report to Congress. If requested, a related CAP Annual Report will be available in June 2020 and forwarded to congressional offices.



Serving the Nation

Since 1948, Civil Air Patrol (CAP) has served the nation as the auxiliary of the U.S. Air Force. Today, it is part of the Total Force, supporting the Air Force and America by conducting cost-effective missions for the government as well as that of the 50 states, National Capital, Puerto Rico, the U.S. Virgin Islands and thousands of communities nationwide. As part of its status as a congressionally chartered nonprofit, CAP saves lives and develops youth through its core missions of cadet programs, aerospace education and emergency services.

CADET PROGRAMS

28K+

Cadets

82% Achieve B's
or Better in Schools

35K+

Orientation Flights

1,636

Attended National
Career Exploration
Activities

6,990 Attended
Encampments

25% Received
Financial Assistance
to Attend

91

Academic/Flight
Scholarships Awarded





Youth Aviation Initiative

The opportunity to fly in a glider or powered aircraft has long been one of Civil Air Patrol's top attractions for young people. Now the organization is intensifying its focus on youth aviation training in response to a developing national shortage of pilots in both the military and commercial sectors.

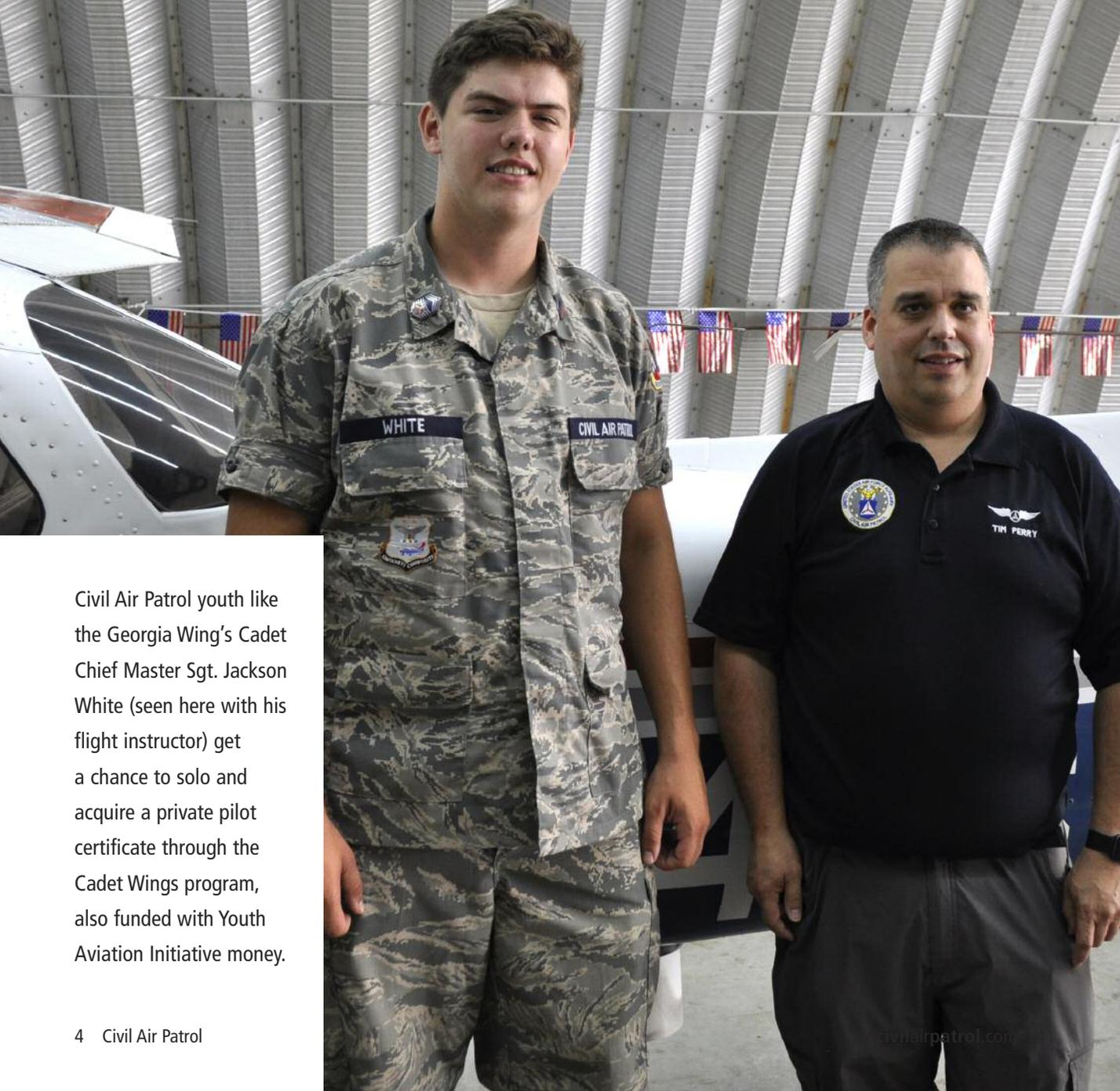
Orientation flights in powered aircraft, gliders and hot-air balloons mark thousands of young cadets' introduction to flight. In 2019, CAP pilots provided more than 35,000 such rides for cadets, including more than 6,400 for Air Force ROTC (Reserve Officer Training Corps) and Air Force Junior ROTC cadets.

The organization already went beyond orientation flights to emphasize pilot training at flight academies featuring powered aircraft and gliders and even hot-air balloons as part of an impressive summer slate of National Cadet Special Activities. In 2019, CAP added the Cadet Take-Off and Cadet Wings programs to its offerings for youth interested in exploring aviation.

Cadet Take-Off provides financial assistance for cadets to participate in CAP's week-long powered and glider flight academies, possibly leading to a solo flight and qualification for a Federal Aviation Administration private pilot certificate. Twenty-four flight academies are scheduled for this year at 18 locations nationwide.

Cadet Wings, meanwhile, offers opportunities for cadets to acquire their private pilot certificates after training with certified flight instructors. Last year, 36 cadets earned their private pilot certificates through the program.

CADET WINGS



Civil Air Patrol youth like the Georgia Wing's Cadet Chief Master Sgt. Jackson White (seen here with his flight instructor) get a chance to solo and acquire a private pilot certificate through the Cadet Wings program, also funded with Youth Aviation Initiative money.



Cadet Chief Master Sgt. Genevieve McKenzie of the Idaho Wing is one of many female cadets learning to fly through the Cadet Wings program. To date, nearly 25 percent of those earning a private pilot certificate have been women — far above the norm for American civilian and military aviation.



FLIGHT ACADEMIES

Twenty-four flight academies are among the more than 50 National Cadet Special Activities available to CAP youth each summer. There, hundreds of cadets learn to fly, and many get a chance to actually take solo flights.

O-RIDES

For thousands of youth, Civil Air Patrol provides their first aviation experience with orientation flights, or O-rides, within their first year of cadet membership. CAP also provides O-rides to more than 6,400 Air Force ROTC and Air Force Junior ROTC cadets each year.



SPECIAL ACTIVITIES

Each summer, Civil Air Patrol's cadet program offers more than 1,500 members in-depth leadership training and career exploration through National Cadet Special Activities. The training allows each cadet to explore careers in a wide variety of fields, including military service, aerospace and aviation.



The Cadet Encampment Assistance Program (CEAP) enables disadvantaged youth to benefit from a character-building/STEM-learning activity. Funded by the Air Force, CEAP has helped dramatically increase CAP's encampment and activity enrollment in recent years.



Involvement in color guard and leadership activities like National Blue Beret and Cadet Advisory Council are examples of the CAP cadet program's "service-learning" culture.

Youth Development Conference

Former NFL player Thomas R. Williams (left), a speaker at the Youth Development Conference, presents Maj. David Trick of the Maryland Wing's Esperanza Middle School Flight with a copy of Jon Gordon's "The Energy Bus." Williams' presentation was part of the proceedings at CAP's first Youth Development Conference, which leveraged the resources of the Boys & Girls Clubs of America. The focus of the conference was on adult professional development, and it was attended by over 80 region and wing cadet program directors from across the nation.



CYBERPATRIOT

Civil Air Patrol cadets are leaders in the Air Force Association's CyberPatriot (CP) program. Each year, about 500 CP cadet teams participate in the AFA's National High School Youth Cyber Security Competition. CAP also provides National Cadet Special Activities for cadets to learn more about cyber security.

FY19 National Cadet Special Activities

Northeast Region Cadet Leadership School (Winter)

Camp Niantic, Connecticut
Dec. 26-31*

Southwest Region Lonestar Emergency Services Academy – South

Brownsville, Texas
Dec. 26-31*

National Character and Leadership Symposium

U.S. Air Force Academy, Colorado Springs, Colorado
Feb. 20-23

Civic Leadership Academy

Washington, D.C.
Feb. 23-30

Northeast Region – New Hampshire Wing NCO Leadership School (Winter)

National Guard Center, Center Strafford, New Hampshire
Feb. 24-March 2

National Flight Academy – Alaska Wing Glider Flight Academy †

Clear AFS, Alaska
May 24-June 2

Mid-Atlantic Region Search & Rescue College

Fort Pickett, Virginia
May 30-June 2

National Flight Academy – Texas Wing Shirley Martin Cadet Powered Flight Academy

Nacogdoches, Texas
June 1-8

National Flight Academy – Texas Wing Advanced Flight Training Academy †

Brownsville, Texas
June 1-30

Air Force Specialized Undergraduate Training Familiarization Course

Laughlin, Texas
June 8-15

Cyberspace Advanced Course

San Antonio-Lackland AFB, Texas
June 8-16

Cyberspace Familiarization Course

San Antonio-Lackland AFB, Texas
June 8-16

Cyberspace Networking Course

San Antonio-Lackland AFB, Texas
June 8-16

Aircraft Maintenance and Manufacturing Academy

Independence, Kansas
June 9-15

National Flight Academy – North Central Region Powered Flight Academy

Fremont, Nebraska
June 13-27

Air Force Pararescue and Survival Orientation Course (Advanced)

Davis-Monthan AFB, Arizona
June 14-25

National Flight Academy – Illinois Wing Lt. Col. Raymond Johnson Flight Academy (Week 1 Powered)

Mattoon, Illinois
June 14-22

National Flight Academy – Illinois Wing Lt. Col. Raymond Johnson Flight Academy G-1000 (Powered)

Mattoon, Illinois
June 14-22

Air Force Spacecom Familiarization Course

Peterson AFB, Colorado
June 15-22

National Flight Academy – Great Lakes Region Powered Flight Academy

Oshkosh, Wisconsin
June 15-23

National Flight Academy – Illinois Wing Lt. Col. Raymond Johnson Flight Academy (Balloon)

Mattoon, Illinois
June 19-29

National Flight Academy – Southwest Region Powered Flight Academy

Shawnee, Oklahoma
June 20-30

Air Force Specialized Undergraduate Training Familiarization Course

Columbus AFB, Mississippi
June 21-29

National Flight Academy – Illinois Wing Lt. Col. Raymond Johnson Flight Academy (Glider)

Mattoon, Illinois
June 21-29

National Flight Academy – Illinois Wing Lt. Col. Raymond Johnson Flight Academy (Week 2 Powered)

Mattoon, Illinois
June 21-29

National Flight Academy – Northeast Region Powered Flight Academy

Old Town, Maine-Bangor ANGB
June 21-29

Air Force Civil Engineering Academy

Tyndall AFB, Florida
June 22-29

Model Aircraft Remote Control Flight Academy

Oshkosh, Wisconsin
June 22-29

* Fiscal year 2019 began October 1, 2018

† New program for FY19

National Flight Academy – Northeast Region Glider Academy
Farmers Pride, Fredericksburg, Pennsylvania
June 22-30

Cadet Aviation Ground School
McGhee-Tyson ANGB, Tennessee
June 23-July 6

Cyberspace Advanced Course
ChalleNGe Academy, Laurel, Maryland
June 23-29

Cyberspace Familiarization Course
ChalleNGe Academy, Laurel, Maryland
June 23-29

Engineering Technologies Academy
Middle Tennessee State University, Murfreesboro, Tennessee
June 24-29

Cadet Officer School
Maxwell AFB, Alabama
June 26-July 7

National Cadet Competition
Wright State University, Dayton, Ohio
June 29-July 1

National Flight Academy – Mid-Atlantic Region Col. Roland Butler Powered Flight Academy
Camden, South Carolina
June 29-July 7

National Flight Academy – Maryland Wing Robert Ayers Solo School Powered Flight Academy †
Hagerstown, Maryland
July 5-14

Hawk Mountain Search & Rescue School – Aircrew Survival Course
Kempton, Pennsylvania
July 6-14

Hawk Mountain Search & Rescue School – All Other Courses – Cadet
Kempton, Pennsylvania
July 6-14

Hawk Mountain Search & Rescue School – Field Medic Course
Kempton, Pennsylvania
July 6-14

National Flight Academy – Texas Wing Glider Flight Academy
Waller, Texas
July 6-13

National Flight Academy – Utah Wing Day School Powered Flight Academy †
West Jordan, Utah
July 8-19

National Flight Academy – North Central Region Joint Flight Academy (Glider)
Mankato, Minnesota
July 11-21

National Flight Academy – North Central Region Joint Flight Academy (Powered)
Mankato, Minnesota
July 11-21

National Flight Academy – Southeast Region Glider Flight Academy
Tullahoma, Tennessee
July 12-20

National Flight Academy-New Jersey Wing Falcon Flight Academy †
Lakehurst NAS, New Jersey
July 13-21

Great Lakes Region Cybersecurity Academy †
Big Rapids, Michigan
July 14-20

Great Lakes Region Cybersecurity Academy – Advanced †
Big Rapids, Michigan
July 14-20

MER Honor Guard Academy
Joint Base Langley – Fort Eustis, Virginia
July 14-20

National Emergency Services Academy
Camp Atterbury, Indiana
July 14-27

Northeast Region Honor Guard Academy
Norwich University, Northfield, Vermont
July 14-21

Northeast Region New Hampshire Wing NCO Leadership School (Summer)
Norwich University, Northfield, Vermont
July 14-21

International Air Cadet Exchange (worldwide)
July 15-Aug. 7

National Blue Beret
Oshkosh, Wisconsin
July 15-29

National Flight Academy – Washington Wing Desert Eagle Joint Flight Academy †
Ephrata, Washington
July 15-27

Air Force Pararescue and Survival Orientation Course
Kirtland AFB, New Mexico
July 20-28

Michigan Wing Search & Rescue Academy
Battle Creek, Michigan
July 26-Aug. 3

Air Force Spacecom Familiarization Course
Patrick AFB, Florida
July 27-Aug. 3

National Flight Academy – Northeast Region Glider Flight Academy Week 1
Springfield, Vermont
July 27-Aug. 4

National Flight Academy – Northeast Region Glider Flight Academy Week 2
Springfield, Vermont
Aug. 10-18

Aerospace Education

600K

Cadets/Students
Impacted by
Aerospace/STEM
Program

80%

Cadets/Students
More Interested in
Aerospace/Aviation/STEM
Careers After Using
CAP's 18 STEM Kits

7,200

Teacher Members
Using STEM Curricula
in Their Classrooms

76K

Students in 515
Schools Participating
in CAP's Aerospace
Connections in
Education K-6 Program





Aerospace/STEM Education

The importance of STEM (science, technology, engineering and math) education has become the core focus of Civil Air Patrol's award-winning aerospace education mission, promoting aviation, STEM and cyber learning.

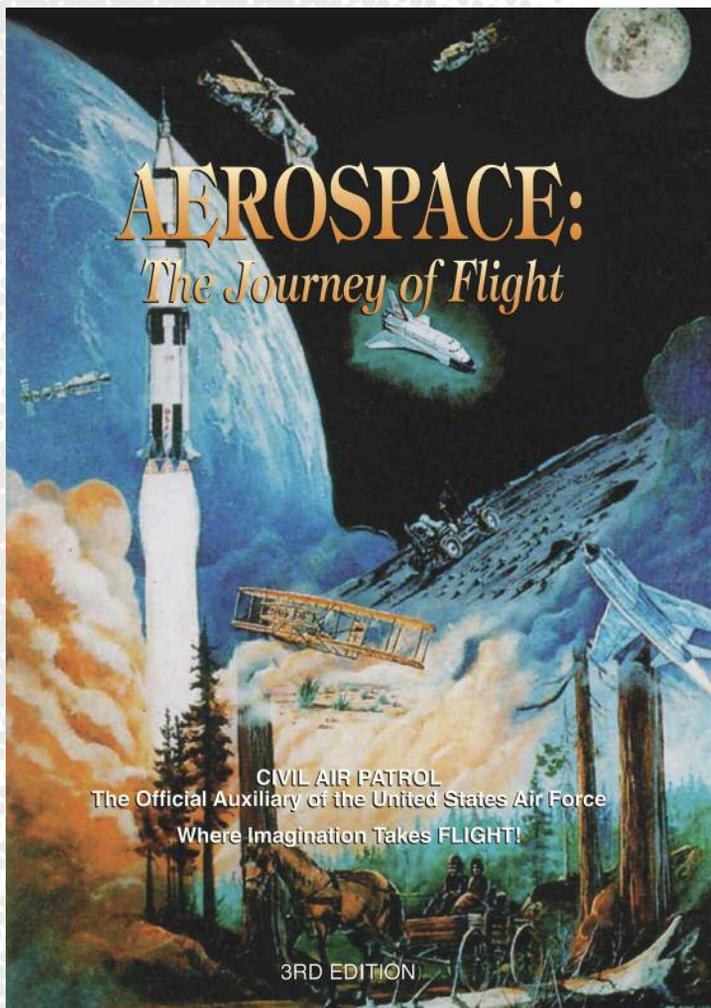
Currently 18 STEM Kits are available to a growing number of CAP cadets and a record number of aerospace education members (AEMs). These education products are making an impact on hundreds of thousands of students each year. The kits are increasing interest in STEM as well as aviation. New kits are in development.

These STEM Kits and other aerospace education curricula products are also used in the 10-year-old Aerospace Connections in Education (ACE) program, which now involves nearly 76,000 kindergarten through sixth-grade students in 515 schools nationwide. Every CAP wing now has at least one ACE program.

In 2019, CAP received the Hoyt S. Vandenberg Award — one of the Air Force Association's highest honors — for teaching America's youth about aerospace and aviation. It is one of many national awards received by CAP for its aerospace/STEM program.

EDUCATION EXCELLENCE

Maj. Gen. Mark Smith (second from left), Civil Air Patrol's national commander and CEO, holds the 2019 Hoyt S. Vandenberg Award that CAP received for teaching America's youth about aerospace and aviation. The aerospace education award was the second Vandenberg honor received by CAP in the past decade, the other coming in 2012.



CAP has 40-plus aerospace education products available for its squadrons and teacher members to use in their classrooms. Several teaching modules and textbooks were in development and revised in 2019, including the developing of "Women In Aviation, Volume II," and Tuskegee Airmen and Aerospace Dimensions modules. The fourth edition of the "Aerospace: The Journey of Flight" textbook is coming soon.



ACE

The K-6 program Aerospace Connections in Education, or ACE, celebrated its 10th year in 2019 and is growing exponentially. There are now 1,280 teachers in the program, (a 40% increase), who impact 76,000 students (49% increase) in 515 schools (50% increase).

STEM KITS

Civil Air Patrol's innovative STEM Kit program, now in its sixth year, reaches more than 400,000 students each year. There are currently 18 kits, including Quadcopter (seen here). Two more are being developed — Wind Tunnel and Cyber.



TOP



CAP's Teacher Orientation Program (TOP) flights are now Air Force-assigned missions, funded with federal dollars. In 2019, CAP flew 594 orientation flights for 399 teachers from 32 CAP wings, and dramatically increased the number of teacher members.



Students in Kristy Gibbs' classroom in Georgia work on the Snaptricity STEM Kit. Gibbs is one of CAP's aerospace education members, or AEMs, who have grown to over 7,200 in the past year.

STEM Kits Available to Cadets/Students



Bee-Bot/Code & Go Mouse Age 4+
Allows young children to apply skills, such as sequencing, estimation, control and problem-solving, as they begin a path to early cyber-knowledge.



Ready-to-Fly Quadcopter Age 10+
Learning to fly this quadcopter will give cadets and students the opportunity to explore the thrill of potential careers in remotely piloted aircraft.



Astronomy Age 6+
Allows beginning astronomers the opportunity to begin an interest in space and observational astronomy.



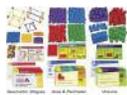
Renewable Energy Age 10+
Provides a hands-on approach to the understanding of solar, hydro and wind energy.



Kano Age 6+
Allows cadets and students to build a computer and also to learn how to code through involvement with over 100 games, challenges and stories.



Robotics Age 11+
Allows youth to explore careers in robotics such as manufacturing, unmanned space exploration, prosthetic engineering and other medical applications.



Build & Learn Geometry Age 7+
Helps cadets and students to practice identifying shapes, solving area and perimeter equations, and finding the volume of geometric figures.



Raspberry Pi Age 12+
Teaches cadets and students basic computer science like programming and coding.



Weather Station Age 8+
Teaches cadets and students to measure rainfall, barometric pressure, wind speed and more.



Cross Country Navigation Age 12+
Prepares cadets and other youth for flight planning prior to any orientation flight and/or further flight experience.



AngLegs Age 8+
Teaches cadets and students how to classify shapes and angles.



Flight Simulator Age 12+
Offers a hands-on approach to aviation, especially for CAP cadets, ages 12 and above, who are given opportunities for orientation flights and flight training in CAP, especially through CAP's Youth Aviation Initiative.



Sphero Mini/Sphero SPRK+ Age 9+
Helps youth apply skills such as sequencing, estimation, control and problem solving as they begin their path to early cyber-knowledge.



Quadcopter Age 12+
Learning to fly this quadcopter will give cadets and students the opportunity to explore the thrill of potential careers in the use of remotely piloted aircraft or unmanned aerial systems.



Hydraulic Engineering Age 9+
Introduces students to levers/linkages and hydraulic fluid power.



Rocketry Age 10+
Teaches cadets and students about the use of rocket propulsion—the pathway to space.



Remote-Controlled (RC) Aircraft Age 12+
Promotes a beginning interest in aviation and/or remotely piloted aircraft vocations and avocations.



Snaptricity Age 10+
Teaches cadets and students to explore how electricity and magnetism are used in daily items.

Emergency Services & Operations

117

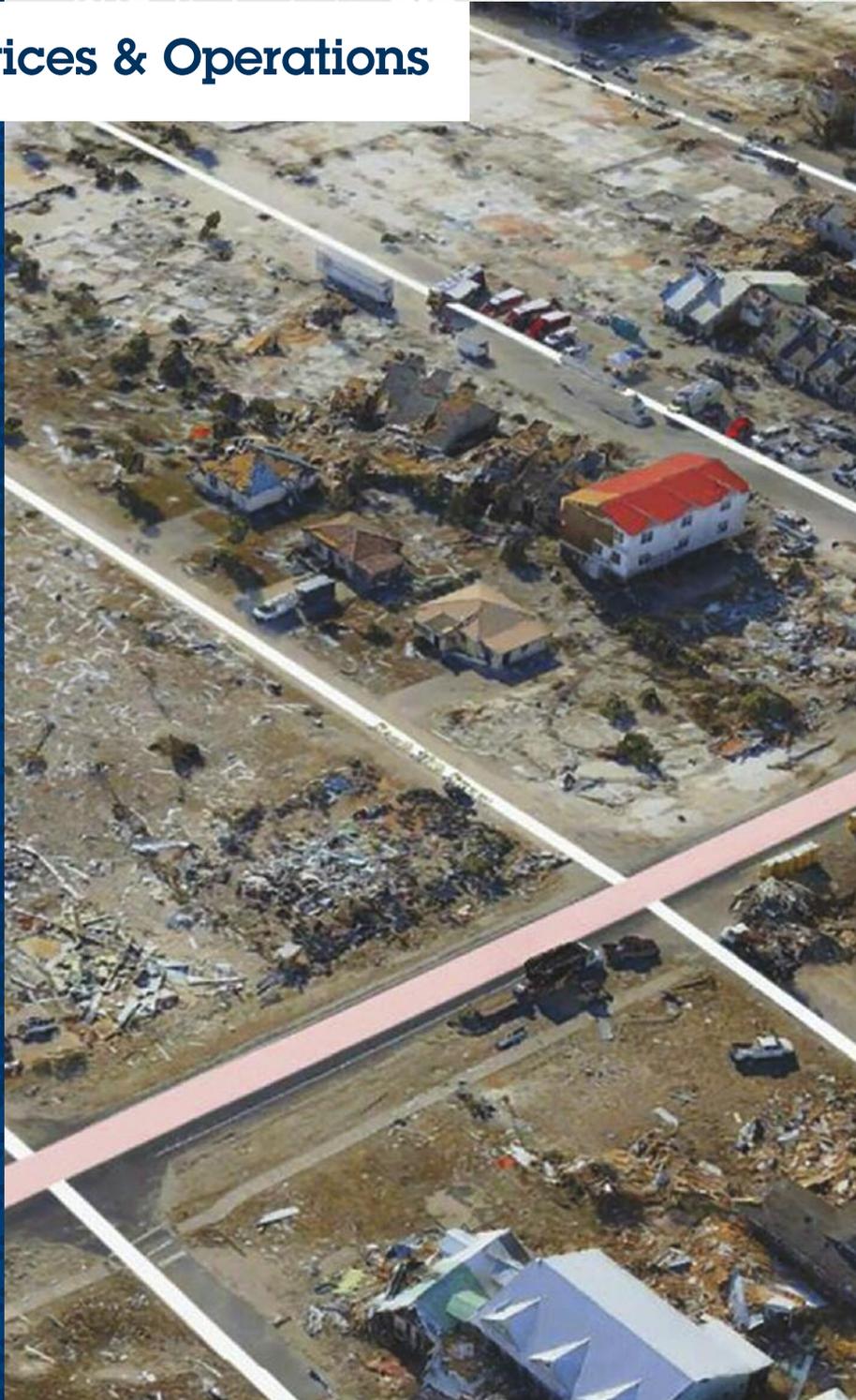
Lives Saved on Search
and Rescue Missions

95K+

Hours Were
Flown in CAP's
Fleet of Mostly
Cessna Aircraft

\$208M+

2019 Value of CAP
Members' Service
Hours to America
\$208,682,628





Force-Multiplier

As the official auxiliary of the U.S. Air Force and a Total Force partner, Civil Air Patrol conducts search and rescue, disaster relief, air defense training and other critical missions for America. Aircrews flew nearly 96,000 hours in CAP's signature red, white and blue single-engine planes. More than 80% of these flying hours were on Air Force-assigned missions.

Technology, both old and new, helped in the performance of these missions. Cellphone forensics software along with radar analysis tools developed and updated by CAP members have revolutionized search and rescue efforts in recent years, and this past year was no exception as the Air Force Rescue Coordination Center once again credited CAP with helping save more than 100 lives.

Recent advances in aerial photography (seen here) greatly enhanced CAP's disaster relief responses in 2019, helping aircrews provide valuable 3D imagery to the Federal Emergency Management Agency. That technology was most recently used in the Bahamas after Hurricane Dorian and in Puerto Rico, which was devastated by Hurricane Maria, and is sure to be used even more in the future by CAP's well-trained professional volunteers.

THE FLEET

Civil Air Patrol's fleet of 560 planes is recognized as one of the world's largest fleets of single-engine piston aircraft. Most of the aircraft are Cessna 172s and 182s, like the CAP plane seen here. CAP also has more than 50 gliders, two hot-air balloons and more than 1,500 sUASs located at squadrons throughout the U.S.





First Lt. Martin Durkin of the Georgia Wing performs a preflight oil check on a Civil Air Patrol Cessna 182-T before his annual Form 5 flight evaluation. CAP holds its pilots to a very high standard to ensure they meet mission requirements. CAP's more than 6,500 pilots and other aircrew members amassed 95,858 hours aloft in 2019.



Technically advanced glass cockpits, like this one, are provided inside more than 250 of CAP's powered planes to enhance aircrew effectiveness and safety. All CAP planes are also outfitted with the latest ADS-B (automatic dependent surveillance broadcast) technology, which allows CAP pilots to see advanced traffic and weather on Garmin portables and tablets, using Garmin Pilot and ForeFlight Mobile apps.



Emergency Responders

CAP's 36,000-plus emergency responders support disaster relief missions across the country, from spring flooding to hurricanes, wildfires and even earthquakes. Most often, CAP's responders are tasked to provide damage assessment photos.



sUAS

Members from the Oklahoma Wing participate in the wing's first ever sUAS (small Unmanned Aerial Systems) training exercise. Certain prerequisites must be met before Civil Air Patrol will allow the use of the popular miniature drones to enhance its existing mission capabilities. More than 40 CAP wings are now qualified to fly sUASs, which can be used for search and rescue, mapping and damage assessment after storms, photography and reconstruction analysis.



CELLPHONE FORENSICS



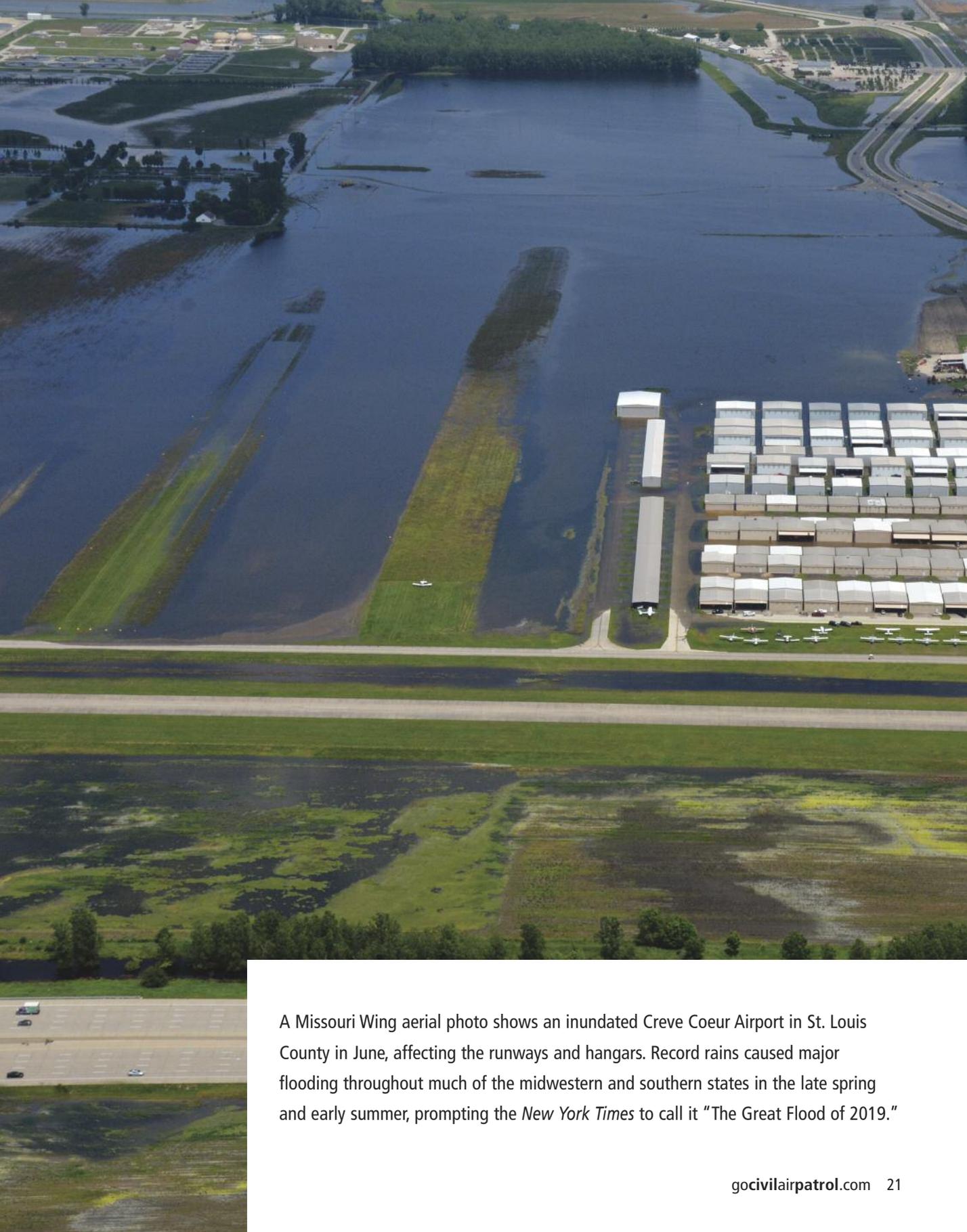
This map produced by CAP's National Cell Phone Forensics Team helped guide searchers Sept. 30 to a missing Colorado hiker – CAP's 117th save of fiscal year 2019, as credited by the Air Force Rescue Coordination Center. It was

CAP's third year in a row with more than 100 saves, reflecting continuous advances in technology and training in one of the Air Force auxiliary's primary missions — emergency services.



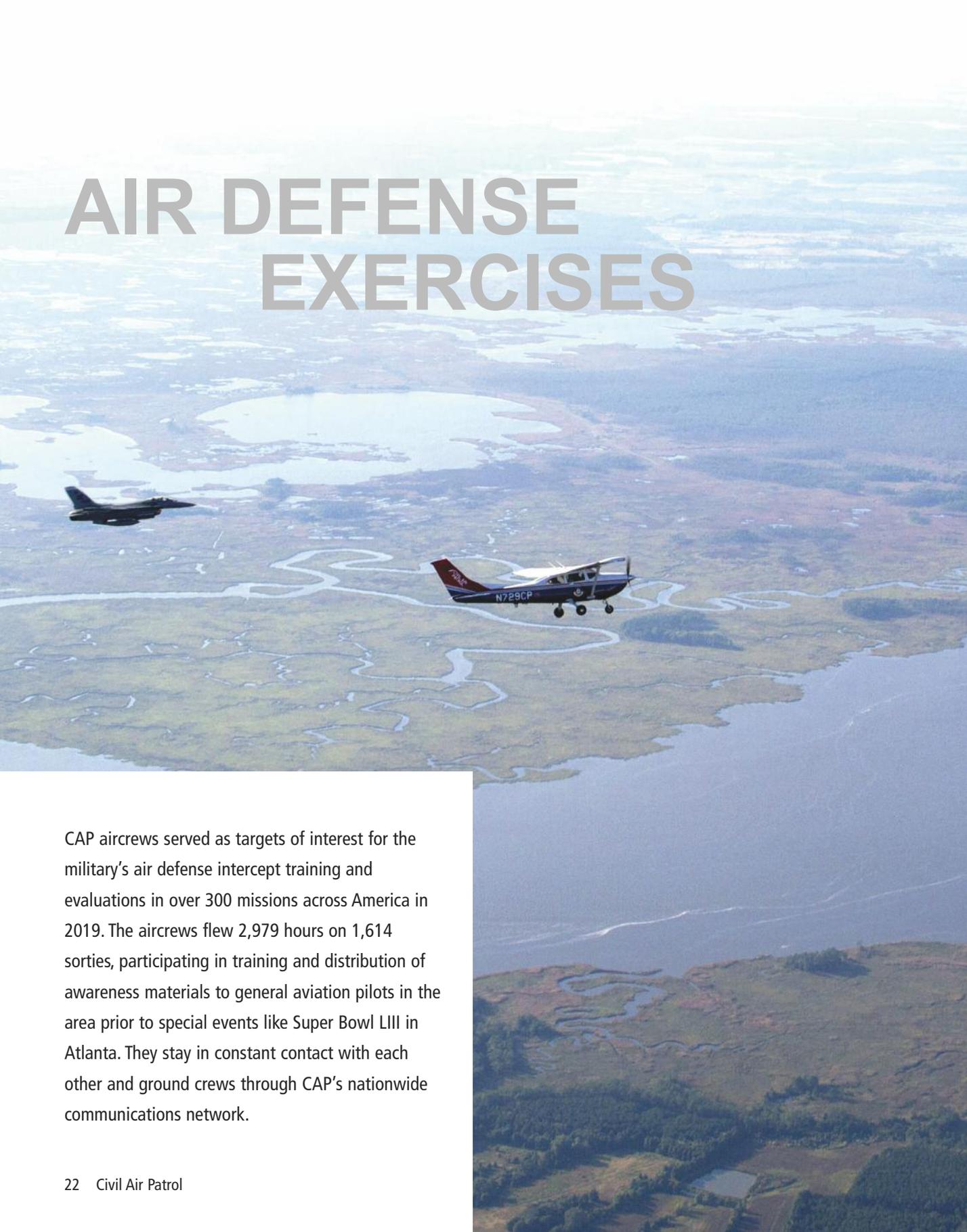
3D TECH

Images taken by CAP aircrews using WaldoAir XCAM Ultra50 sensor pods clearly show burned houses in a subdivision damaged by wildfire in Paradise, California, about a year ago. The sensor pods, which can easily be attached to the wing struts of Civil Air Patrol planes, are being used more and more in CAP's disaster relief missions because of the high-resolution 3D photos they produce.



A Missouri Wing aerial photo shows an inundated Creve Coeur Airport in St. Louis County in June, affecting the runways and hangars. Record rains caused major flooding throughout much of the midwestern and southern states in the late spring and early summer, prompting the *New York Times* to call it "The Great Flood of 2019."

AIR DEFENSE EXERCISES

An aerial photograph showing a dark military fighter jet on the left and a smaller, white and red Civil Air Patrol aircraft on the right. The aircraft is marked with the registration number N729CP. They are flying over a vast, flat landscape with numerous small, interconnected water bodies and green vegetation. The sky is clear and blue.

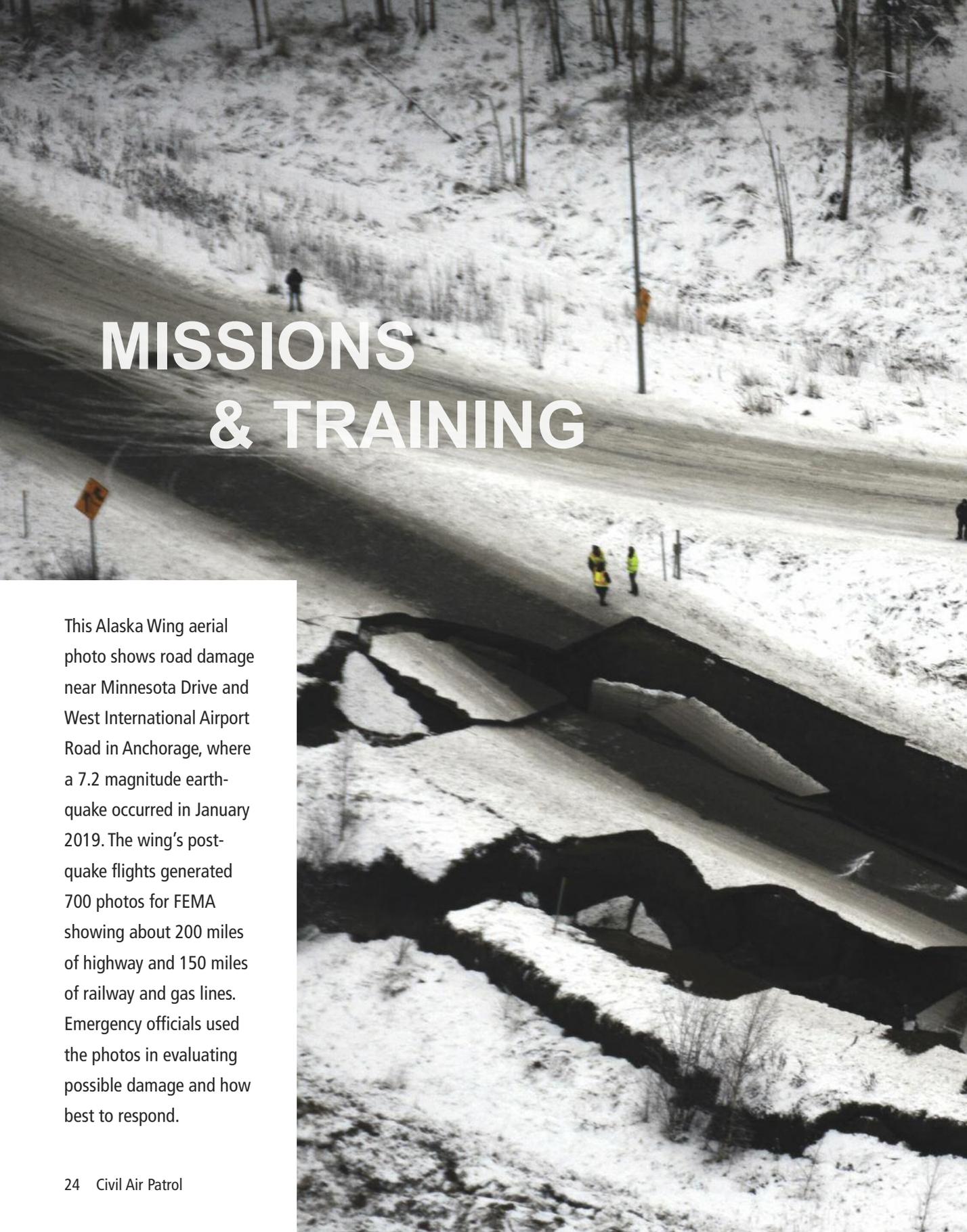
CAP aircrews served as targets of interest for the military's air defense intercept training and evaluations in over 300 missions across America in 2019. The aircrews flew 2,979 hours on 1,614 sorties, participating in training and distribution of awareness materials to general aviation pilots in the area prior to special events like Super Bowl LIII in Atlanta. They stay in constant contact with each other and ground crews through CAP's nationwide communications network.



Civil Air Patrol's Surrogate Remotely Piloted Aircraft (RPA) program recently marked its 10th year of operation. As part of the program, CAP aircraft like this Cessna 206 with the Air Force's MQ Reaper sensor technology in its belly are used to train U.S. military and coalition forces before they deploy overseas. To date, nearly 600,000 troops have been trained through the Surrogate RPA program.



Civil Air Patrol Capt. Eric Classen (third from left) presents his painting of an MQ-9 Reaper escort flight to Air Force Lt. Col. Aaron "Copper" Brown as other Air Force and CAP members look on. The painting saluted CAP aircrews for more than three years of service flying the escorts from Syracuse, New York, to the Fort Drum training area, which allowed the military's RPA units to qualify at least 25 percent more RPA operators. CAP is now providing these same escort flights in Texas, resulting in similar success.

An aerial photograph showing a snow-covered road with significant damage. The road is cracked and broken in several places, with large sections of asphalt missing. Several people, some wearing high-visibility vests, are standing on the road, likely assessing the damage. The surrounding area is covered in snow and has some trees. The title "MISSIONS & TRAINING" is overlaid in large white letters on the upper part of the image.

MISSIONS & TRAINING

This Alaska Wing aerial photo shows road damage near Minnesota Drive and West International Airport Road in Anchorage, where a 7.2 magnitude earthquake occurred in January 2019. The wing's post-quake flights generated 700 photos for FEMA showing about 200 miles of highway and 150 miles of railway and gas lines. Emergency officials used the photos in evaluating possible damage and how best to respond.



The mass destruction that Hurricane Dorian wrought in the Bahamas in September resulted in a historic mission for the Florida Wing, which sent CAP Cessnas and aircrews to the storm-stricken islands to assist the U.S. Air Force's U.S. Northern Command. The wing conducted 51 flights during the Bahamas mission, with eight damage assessment flights producing 2,029 images that were uploaded to the Domestic Operations Awareness and Assessment Response Tool, or DAART, previously developed by CAP and the National Guard.



Floodwaters inundate much of this subdivision in Louisiana, as heavy rains, severe storms and rising floodwaters spilled southward from the Canadian border to the Gulf of Mexico in late spring and early summer. CAP members from multiple wings took aerial damage assessment photos and provided other ground support.

BAY PATROL



Lt. Col. Tom Curran (left), pilot, and 1st Lt. Rudy Barich, mission observer, fly a Bay Patrol mission over the Chesapeake Bay. Maryland Wing aircrews conduct weekend and holiday flights from Memorial Day to Labor Day, scanning the bay from above to identify and report what officials call “unusual observations in the vicinity of vital facilities,” as well as identifying, reporting and coordinating assistance to boaters in distress. The patrols are typical of how CAP’s emergency responders across the nation work to support their states and their communities.

STAFF COLLEGE

Adult Civil Air Patrol members hone their leadership skills at National Staff College, held at National Headquarters. The annual professional development opportunity is for members who are, or will be, assuming positions of wing, regional or national importance within CAP.



PILOT PREP

As part of the Pilot Preparation Program at CAP’s 2019 National Emergency Services Academy, 53 airmen from the U.S. Air Force got the chance to work on FlightSafety International virtual reality simulators — the same ones the Air Force uses to train its pilots. Each airman also received six to eight hours of actual flight time designed to make them more competitive for the Air Force FY20 Undergraduate Flight Training Selection Board. NESA added a Mobile Training Team in the past year to extend the academic reach and excellence in training demonstrated through the academy.



COMMUNITY SERVICE & SUPPORT



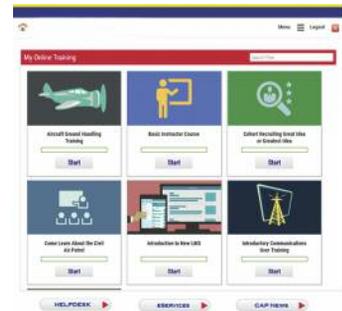
Cadets from the Kentucky Wing's Stuart Powell Cadet Squadron salute after placing remembrance wreaths on the graves of veterans at Lebanon National Cemetery as part of Wreaths Across America. Obtaining sponsorships for wreaths and then participating in ceremonies to honor the nation's fallen veterans has become Civil Air Patrol's signature community service mission, with up to 500 CAP units involved each year.



Two members of CAP's Chaplain Corps participate in Advanced Disaster Support Training at the National Emergency Services Academy at Camp Atterbury in Indiana. Part of Mission Chaplain Training implemented in 2019, the

goal is to have 1,000-plus chaplains and chaplain support specialists fully qualified by 2025 to form Chaplain Support Teams, or CSTs, to meet any national or local emergency in which CAP may be called to assist.

LMS



A new chapter in Civil Air Patrol's mission to educate its more than 66,000-plus members opened in 2019 with the launch of a new online Learning Management System, which replaced the online system that previously served CAP. Developed in response to the evolution of technological devices, the new system — called Axis — is compatible with the latest smartphones, pads and other technology and currently supports more than 2,800 course and quiz completions monthly.

National Data

2019 STATISTICS

Funding

Federal Funding (FY19)

\$39.1 million Operations & Maintenance
\$10.8 million Aircraft Procurement
\$1.7 million Vehicle Procurement

In-State Funding Received by CAP Wings (FY19)

\$3,046,427

Federal Funding (FY18)

\$30.8 million Operations & Maintenance
\$10.6 million Aircraft Procurement
\$1.7 million Vehicle Procurement

In-State Funding Received by CAP Wings (FY18)

\$3,026,928

Contact Information

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Board of Governors

Civil Air Patrol's 11-member Board of Governors generates strategic policies, plans and programs designed to guide and support the volunteer service of the organization's 52 wings. CAP's national commander and CEO, the organization's chief operating officer and the CAP-USAF commander serve as advisers to the Board of Governors.

Civil Air Patrol-Appointed Members

Col. J. Bradford Lynn, CAP (Chairman)
Col. Curtis Boehmer, CAP
Col. Dale Newell, CAP
Lt. Col. Thomas Vreeland, CAP

Air Force-Appointed Members

Lt. Gen. Kevin McLaughlin, USAF (Ret)
Maj. Gen. Sandra Finan, USAF (Ret)
Brig. Gen. Ken Ekman, USAF
Robert Corsi Jr. (Vice Chairman)

Industry, Government and Education Appointed Members

CDR George Perry, USN (Ret)
Stacey Bechdolt
Martha King

Advisers to the Board of Governors

Maj. Gen. Mark Smith, CAP National Commander/CEO
Col. Mark Wootan, USAF Commander, CAP-USAF
John Salvador, Executive Secretary/Chief Operating Officer



Membership

Volunteer Members
37,941 adult members
28,224 cadets

Squadrons
1,442 locations nationwide

Emergency Responders

6,588 aircrew
36,015 ground support

Equipment

Aircraft
560 single engine
1,550 sUASs
54 gliders
2 balloons

Vehicles
1,061 vehicles

Interoperable Communications
728 VHF/FM repeaters
11,482 VHF/FM stations
2,077 HF stations

2019 Value of CAP Members' Service Hours to America

\$208,682,628

Mission Flight Activity

Search and Rescue		
845 Missions	1,675 Sorties	1,158 Hours Flown
117 Lives Saved	534 Finds	

Disaster Relief		
61 Missions	1,593 Sorties	2,112 Hours Flown

Counterdrug and Drug Interdiction/Homeland Security		
7 Missions	1,650 Sorties	3,607 Hours Flown

Air Defense Intercept Training and Evaluation/Homeland Defense		
309 Missions	1,614 Sorties	2,979 Hours Flown

Other Air Force Support		
423 Missions	13,614 Sorties	15,620 Hours Flown

Other State Support		
91 Missions	1,278 Sorties	1,873 Hours Flown

Other Support of Partner Agencies, Organizations or Local Municipalities		
224 Missions	245 Sorties	281 Hours Flown

Training Missions		
2,110 Missions	47,712 Sorties	46,924 Hours Flown
308 Cadets Soloed	36 Cadets Earned FAA Private Pilot Certificates	

CAP, AFROTC & AFJROTC Cadet Orientation Flights		
530 Missions	24,786 Sorties	18,825 Hours Flown
29,197 CAP Flights**	2,054 AFROTC Flights**	4,413 AFJROTC Flights**
** Includes both front seat and back seat cadet orientation flights in powered aircraft and gliders		

FY19 Total		
4,888 Missions	97,291 Sorties	95,858 Hours Flown

Note: Sorties includes air sorties in powered aircraft and gliders as well as ground sorties.

ON THE COVER: Cadet Chief Master Sgt. Tabitha Plasschaert was the fifth Civil Air Patrol cadet to achieve her private pilot certificate through the organization's new Cadet Wings program, created in response to the nation's shortage of commercial and military pilots.



Mission Statement

Supporting America's communities with emergency response, diverse aviation and ground services, youth development and promotion of air, space and cyber power.

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