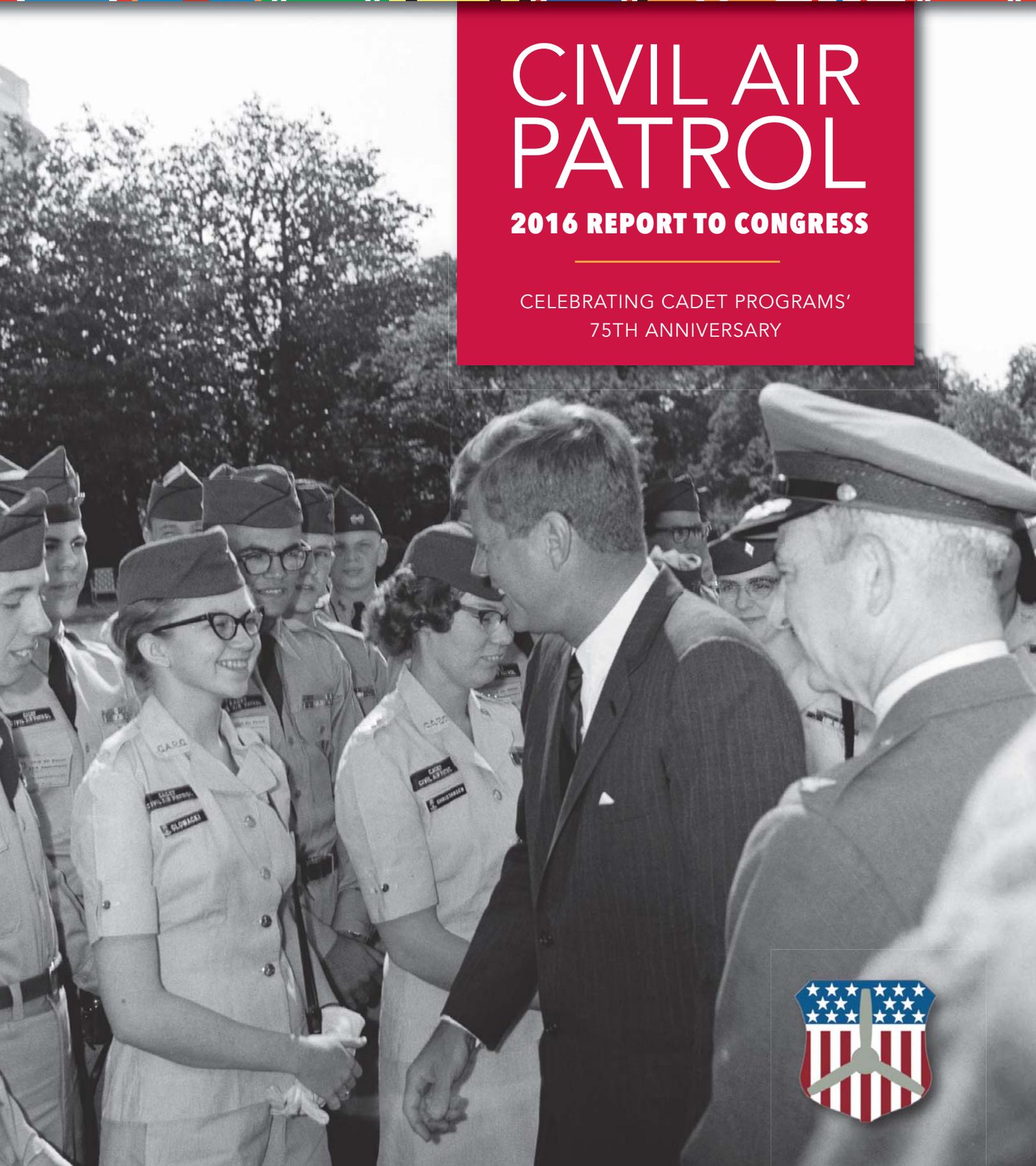


LOUISIANA

CIVIL AIR PATROL

2016 REPORT TO CONGRESS

CELEBRATING CADET PROGRAMS'
75TH ANNIVERSARY





NATIONAL STATISTICS

Volunteer Members

32,656 adult members
24,091 cadets
34,320 voting-age members
6,928 aircrew personnel
30,742 emergency responders

Squadrons

1,437 locations nationwide

Aircraft

560 single engine
54 gliders
3 balloons

Vehicles

1,042 vehicles

Interoperable Communications

749 VHF/FM repeaters
9,926 VHF/FM stations
1,850 HF stations

Missions

1,265 search and rescue missions
92 lives saved
577 finds
139 other state support missions

Cadet Flying

27,316 cadet orientation flights

Total Hours Flown

104,525

Appropriations

\$27.4 million operations & maintenance
\$10.4 million aircraft procurement
\$1.7 million vehicle procurement

\$167 million value of wings' volunteer hours

About the Cover

President John F. Kennedy visited with a group of CAP cadets in the White House Rose Garden on May 7, 1962. Kennedy is seen here speaking to Cadet Maj. Julianne G. Glowacki, from the president's home state of Massachusetts. Glowacki is now a professor of orthopedic surgery at Harvard Medical School and a senior scientist at its teaching affiliate, Brigham and Women's Hospital.

Marking its 75th anniversary this year, Cadet Programs can track its beginnings to Oct. 1, 1942 – 10 months after the formation of CAP itself. More than 1 million cadets have benefited from Cadet Programs' leadership, character development and aerospace training curriculum.

Volunteer Members

367 adult members
180 cadets
385 voting-age members
115 aircrew personnel
354 emergency responders

Squadrons

19 locations statewide

Aircraft

11 single engine

Vehicles

18 vehicles

Interoperable Communications

22 VHF/FM repeaters
128 VHF/FM stations
27 HF stations

Missions

16 search and rescue missions
3 finds
3 other state support missions

Cadet Flying

262 cadet orientation flights

Total Hours Flown

1,485

Financial

\$63,925 in state funding
\$1.5 million value of wing's volunteer hours

National Commander

Maj. Gen. Joseph R. Vazquez
jvazquez@cap.gov

Region Commander

Col. Mark E. Smith
markedwardsmith@earthlink.net

Wing Commander

Col. Thomas W. Barnard
TBarn38202@aol.com

Gov. Relations Advisor

Col. Cecil A. Scarbrough
LAWGCC@bellsouth.net

Wing Info

P.O. Box 74670
Baton Rouge, LA 70874-4670
225-359-9497
www.lawgcap.org

LOUISIANA WING

SERVING THE STATE AND NATION FOR OVER 75 YEARS

As an integral part of the state's overall response team, the Louisiana Wing stepped up during 2016 to help meet the challenges presented by heavy flooding. In March and again in August, wing members provided continuous support both on the ground and in the air. The wing provided more than 8,000 images to the state and massive amounts of disaster assessment information to key state and federal decision-makers.

The wing's government relations and homeland security advisor, Col. Art Scarbrough, remained in contact with key officials while embedded with the Air Operations Branch of the Governor's Office of Homeland Security and Emergency Preparedness. "Being on-site and having direct input allowed us to respond quickly and to maximize the skills and capabilities of Civil Air Patrol," Scarbrough said later.

The Louisiana Wing combines the talents of its highly skilled volunteers in service to the people of Louisiana as the primary low-cost force multiplier

for the U.S. Air Force, the federal Department of Homeland Security, the state of Louisiana and a multitude of local emergency response organizations. Louisiana Wing aircrews and ground support members routinely participate in disaster assessment and relief missions in response to incidents ranging from periodic flooding to devastating hurricanes.

The wing's single-engine aircraft, equipped with state-of-the-art cameras and manned by professionally trained crewmembers, provide aerial imagery to state and federal emergency managers when needed. And Civil Air Patrol's highly successful cadet programs continue to help develop leaders for tomorrow.

"For the last 75 years, CAP has supported the people of Louisiana and the nation in times of peace and conflict. We stand ready for any contingency!" said Louisiana Wing Commander Col. Thomas "Doc" Barnard.



First Lt. Daniel Stoute and Maj. Mark Warriner, both members of the New Orleans-based Billy Mitchell Senior Squadron, and Lt. Col. Cathy Beauford of the Pontchartrain Cadet Squadron plan a flood damage assessment sortie.



NATIONAL MISSIONS & TECHNOLOGY

CAP has one of the largest single-engine piston aircraft fleets in the world, operating 560 powered aircraft that support missions for communities nationwide every day. Fifty-four gliders and three hot-air balloons are used to provide cadet orientation flights. Cadets will play vital roles in the future of American civilian and military aviation, and dedicated CAP pilots work to give them opportunities to explore aviation and learn how to fly. CAP also maintains a fleet of over 1,000 ground vehicles consisting of vans, trucks, sedans and other special purpose vehicles used to support our missions. CAP's multimillion-dollar interoperable VHF-FM and HF radio communications network consists of over 11,700 fixed, mobile and portable radio stations used for command and control of resources and to communicate with counterpart agencies at the federal, state and local levels.

HIGH-PROFILE MISSIONS

- Damage assessment flights throughout CAP's Middle East Region after Hurricane Joaquin and subsequent flooding.
- Storm assessment support to Texas after multiple storms in October and November.
- Storm and flooding support in Ohio, Missouri and Louisiana from the end of the calendar year through January.
- Remote piloted aircraft escort missions in support of MQ-9 Reaper training in Syracuse, New York, were demonstrated in December and began full operations in June once Federal Aviation Administration approval was received; 251 hours were flown to prepare for and support this operation in fiscal year 2016.
- Support to the U.S. Army Corps of Engineers in Arkansas for flooding in January.
- Severe weather and flooding support operations in Texas from the end of April into early June.
- Damage assessment support to West Virginia for flooding operations from late June through July.
- Tornado support in Illinois in late July.
- Indiana severe weather support in late August.
- Hurricane Hermine support to Florida, North Carolina and Maryland in September.
- California wildfire support to FEMA in October 2016.
- Aircrews from CAP's Florida, Georgia, Indiana, Kentucky, Maryland, North Carolina, South Carolina and Virginia wings flew impact assessment and aerial imagery sorties before and after Hurricane Matthew.



BY THE NUMBERS

Civil Air Patrol annually conducts 90 percent of all inland search and rescue missions in the continental U.S. as tasked by the Air Force Rescue Coordination Center and other agencies. CAP was involved in 1,265 SAR missions in fiscal year 2016 and was credited with saving 92 lives.

- **6,928 aircrew personnel** and **4,245 ground team members** are available for CAP missions.
- **30,742 qualified personnel** trained to federal standards supported 164 disaster relief and other federal, state and local agency support missions.
- CAP aircrews flew **104,525 hours** conducting search and rescue, disaster relief, air defense, counterdrug and numerous other critical missions.
- CAP services, performed in the air and on the ground by CAP's volunteers, cost only **\$120 to \$165 per flying hour**, saving millions of dollars over other aviation options.
- Aircrews conducting counterdrug and drug interdiction operations flew **9,682 hours** helping law enforcement agencies seize \$1.5 billion in illegal drugs and currency, leading to 1,909 arrests.
- CAP aircrews flew **1,390 hours on 215 air defense exercise missions** helping prepare fighter units across the country for homeland security missions.
- CAP aircrews flew **1,168 hours on 30 Surrogate Unmanned Aerial Systems missions** to train U.S. and coalition forces from around the world.
- CAP pilots flying as mentors to America's future aviation leaders flew **9,693 hours to conduct 27,316 cadet orientation flights** in both powered aircraft and gliders.
- In all, CAP members provided **\$167 million in volunteer services to the 1,437 communities** they support nationwide.
- The Air Force Rescue Coordination Center credited CAP's national cell phone forensics and radar analysis teams with **70 lives saved**.

NATIONAL CADET PROGRAMS

TRANSFORMING YOUTH INTO
DYNAMIC AMERICANS AND
AEROSPACE LEADERS

Core Values

CAP instills the organization's core values in its cadets – integrity, volunteer service, excellence and respect. Cadets are drug-free role models in their communities and schools.

Wreaths Across America

Every December, in all 52 wings and even overseas, cadets participate in Wreaths Across America observances, presenting the colors and placing wreaths on veterans' graves in national cemeteries and at war memorials.

Career Exploration

Through more than 50 National Cadet Special Activities cadets annually explore careers in a wide variety of fields. Cadets can choose to investigate flying, aircraft maintenance and manufacturing, cyberspace operations, engineering, robotics and emergency services, among others.

Flying High

The opportunity to fly is a major attraction CAP offers youth. During 2016, CAP's pilots flew cadets on 27,316 orientation flights.

Leadership

Our program offers cadets in-depth training in leadership and enables them to apply classroom principles to real-world needs. With adult supervision, cadets are encouraged to plan events, make decisions and teach and mentor junior-ranking cadets.

Community Service

CAP cadets serve their communities in myriad ways, including collecting and distributing food and clothing to the needy, carrying out cleanup campaigns and meeting logistical needs for aviation-related events like air shows.



NATIONAL AEROSPACE EDUCATION



CAP's Aerospace Education and STEM programs, consisting of over 40 no-cost aerospace education products and programs, generate interest in Science, Technology, Engineering and Mathematics careers in over 24,000 cadets and about 200,000 K-12 students nationwide.

STEM Kits

Over 185,000 K-12 youth across the country were exposed to career exploration programs associated with astronomy, flight simulation, model and remote-control aircraft, robotics, rocketry, weather, hydraulic engineering and computer programming.

Teacher Members

CAP's AE programs extend to adults as well as youth. CAP offers a special membership for teachers promoting AE and STEM in their classrooms. This includes Teacher Orientation Program flights that provide educators with the opportunity to experience firsthand the excitement of flying and to expand their aeronautical knowledge, which also enriches learning for 30,000 students annually.

Young Learners

Over 22,000 youth in 37 states are K-6 Aerospace Connections in Education program participants. The no-cost program offered by more than 360 teachers enriches aerospace/STEM academics, character education and physical fitness with an engaging grade-specific curriculum.

Cyber Security

The Air Force Association's CyberPatriot Program, complemented by CAP's cyber security educational materials, is grooming participants for future cyber security careers. Civil Air Patrol is a leader in the All Service Division national high school CyberPatriot program, with past championships in the competition. In 2016 the Colorado Springs Cadet Squadron team placed third nationally.



CELEBRATING CADET PROGRAMS' 75TH ANNIVERSARY



MISSION STATEMENT

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

www.gocivilairpatrol.com

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