

A large SpaceX Falcon Heavy rocket is shown in the process of launching, ascending vertically against a clear blue sky. The rocket is white with blue and black markings, including the SpaceX logo. It has three large boosters and a central core. At the bottom, the engines are firing, creating a massive plume of white and orange smoke. The text "CADET NEWS + INNOVATIONS" is overlaid on the image in a large, bold, sans-serif font. "CADET NEWS" is in dark blue, the "+" is in yellow, and "INNOVATIONS" is in red.

CADET NEWS + INNOVATIONS



CIVIL AIR PATROL
NATIONAL CONFERENCE 2018
ANAHEIM

When something is important enough, you do it even if the odds are not in your favor.

ELON MUSK, Founder, SpaceX

Cadets Will Soar!

Cadet Lift, Take-Off Program, & Cadet Wings Provide Financial Assistance

Flying and aviation career exploration is becoming even more accessible to cadets, thanks to three new financial assistance programs launching this fall.

Cadet Lift will provide tuition and/or transportation assistance to economically disadvantaged cadets so they may participate in Air Force and STEM-related activities (NCSAs).

The Take-Off Program will provide tuition and/or transportation assistance to cadets, by merit, so they may participate in powered or glider flight training at a National Flight Academy.

Cadet Wings is the new diamond of cadet life, covering all flight training expenses leading to a Private Pilot Certificate for

approximately 40 of the most outstanding cadets annually. Cadets will train locally with a volunteer CAP CFI, or at a local FBO, or at an in-residence college, depending on their individual situation and program capacities.

All together, the three programs represent a \$1.5M investment in cadets. Funded by the Air Force, the programs are additive to the funds already supporting cadets.

Some of the distinguished graduates from this summer's NFAs will enter the first cohort of the Cadet Wings program.

Cadet application procedures and details for volunteer CFIs will be announced this fall. ▶ GoCivilAirPatrol.com/scholarships.

Also introducing **Cadet Invest**

Cadet Invest is a catchall term or portfolio of programs that financially assist cadets in participating fully in cadet life.

Until recent years, there was scant financial assistance available at the national level. But now there are a good handful of programs such that we need to name the bucket they all live in so as to more effectively communicate those opportunities to the cadet community. The infographic below provides a visual outline of this portfolio of financial assistance programs.





CADET WINGS

Cadet Wings is the new diamond of cadet life.

Beginning this fall, cadets selected for this ultra-competitive program will train for a Private Pilot Certificate, with Cadet Wings covering nearly all expenses.

► [GoCivilAirPatrol.com/scholarships](https://www.GoCivilAirPatrol.com/scholarships).





CIVIL AIR PATROL

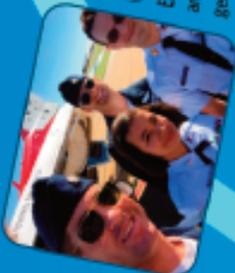


THIRD CADET YEAR & BEYOND

SECOND CADET YEAR

SECOND CADET YEAR

FIRST CADET YEAR



10

Enter the aviation profession and give back to the next generation of cadets



9

Compete for ROTC and Service Academy appointments; check out the University Aviation Association, uaa.asstc.org, and also apply for the [CAP College Scholarship Program](#)



8

Compete for the elite [Gadet Wings](#) program, which covers expenses leading to a Private Pilot license; You'll want to have earned your [Mitchell Award](#) to be competitive



7

Explore an aviation or STEM career at an NCA; compete for the [LRI Program](#) to get help with expenses; if needed, try to earn the [Mitchell Award](#) by the end of your second cadet year



6

Attend a cadet flight academy and fly solo; compete for the [Take-Off Program](#) to get help with expenses

the CADET FLIGHT PLAN

for AVIATION CAREERS

5 Go to encampment and interact with the Air Force; apply for **CEAP** funds to get help with tuition and uniforms, if needed



4 Study and advance through the cadet aerospace texts; try to earn the Wright Brothers Award by the end of your first cadet year



3 Take the controls during your first orientation flight - they're always free to cadets



2 Learn aerospace basics at weekly squadron meetings; ask which stipend kits are available



1 Enter the Cadet Program between ages 12 and 18

START HERE

DETAILS @
GoCivilAirPatrol.com
/Scholarships

ASSISTANCE PROGRAMS

Cadet Encampment Assistance Program

Need-based program helping cadets with tuition and uniforms expenses; priority given to first-year cadets

Unit-Off Program

Need-based program supporting cadets at week-long powered and glider flight academies, possibly housing in solo flight

UT Program

Need-based program supporting cadets at week-long career exploration (NCSA)

Cadet Illness Program

Need-based program for cadets assuming a personal pilot certificate after being ill for... the period of cadet life

College Scholarship Program

Need-based program supporting cadet education at colleges and career schools



Kristin Malachuk
1st Female
Thunderbolt Pilot



Eric Bee
Astronaut



Shawna "Sam" Embold
1st Female African American
Fighter Pilot

FIRST CADET YEAR

Join CAP between ages 12 and 18; participate in a weekly squadron meeting (2-3x/week "Saturday" activity per month); and a 1-week overnight activity each summer. Out-of-pocket expenses average \$200 to \$500 or more, but financial assistance is often available.

Read about the **fundamentals of aerospace science** - orbits, engines, navigation, weather, etc. as you advance through a system of assignments designed to transform you into a "dynamic American jet aerospace leader."

Learn from a mentor and through hands-on activities (CAP's adult volunteers include many pilots and instructors). Make friends with other aviators; each will provide you support during your journey.

SECOND CADET YEAR

Begin formal flight training in a single-engine or glider aircraft during a week-long flight academy in states-only environment where the instruction is specifically prepared to lead young aviators toward their first solo flight. Selection for CAP flight academies is competitive, so you'll need to have been participating in your squadron and working up to earn a bid. The **Unit-Off Program** can help with your expenses.

Test fly an aviation, space, or technical career field at a National Civilian Special Activity. While the on-campus environment goes to the aerospace field at large, each NCSA concentration is a single career field. You can explore a career in a military aviation, engineering, aircraft manufacturing, space operations, or other defense and other opportunities. Again, the selection process is competitive, so stay active in your squadron and work up to earn a bid. The **Unit-Off Program** can help with your expenses.

THIRD CADET YEAR & BEYOND

Leverage your cadet experience as you enter college or the workforce. CAP often college scholarship and the **Cadet Billing** program can help with tuition that leads to a private pilot's license.

If you're considering military service, the **Senior Academics and ROTC** (especially USMA and AFROTC) look favorably upon cadets who have worked hard in CAP and earned the EBly. Talk with your CAP and CWP cadets about a special award for an USMA appointment through our USMA Preparatory School program. Finally, if you enroll in the Air Force and have earned the Mitchell Award as a cadet, you'll be prioritized for Airman First Class (E-3) after completing basic training.

* Activities only; location fees locally variable.

Cadet Flight Plan Poster



CAP is by far the #1 program for aspiring young aviators, and you probably know about many of the resources, activities, scholarships, and other tools available to cadets. Still, we think it'll be helpful to organize that information better.

Cadets need to visualize the waypoints along the route from New Cadet to Professional Aviator. Because we're on the cusp of a worldwide pilot shortage, our work is more important than ever.

That's the purpose of a new poster, CAP Visual Aid 60-106, *Cadet Flight Plan for Aviation Careers*, depicted on pages 3-4. Every squadron will receive a hard copy in **August**. Please tack it up to your bulletin board. Do a 5-minute show-and-tell. Use the poster to inform cadets of our opportunities and to motivate them to excel in CAP. ▶ GoCivilAirPatrol.com/library

CP Officer Handbook 2018 Increasing Adult Professional Development

Introducing CAPP 60-11, the *Cadet Program Officers' Handbook and Specialty Track Guide*. This resource becomes effective on 1 October 2018, at which time it will replace the current specialty track, CAPP 216. Thereafter, ratings may be earned only by fulfilling CAPP 60-11's requirements. We're posting CAPP 60-11 now, three months early, as a convenience.

This edition returns to the handbook format. You'll find the usual information on how to advance in the specialty track, but at 65 pages, the *CP Officers' Handbook* also includes tons of suggested best practices. It's intended as the "start here" guide for adults who are new to the Cadet Program. Some topics include:

- ★ How should you select and organize a cadet staff?
- ★ What curriculum resources are available? (Hint: a lot!)
- ★ What's a wingman and how should the wingman program operate?
- ★ Who does what on the adult staff?
- ★ What are some best practices for planning successful weekly squadron meetings?
- ★ How can you use cadets as instructors while ensuring activities are of high quality?

Introduction to Cadet Programs

Recommended Best Practices

Professional Readings

Position Descriptions

Earning Specialty Track Ratings

NCAC In-Person Meetings

Beginning with the upcoming 2018-19 National Cadet Advisory Council term, the NCAC will meet in-person three times annually, versus twice, as has been the practice for many years.

This change is being made to increase the cadets' learning opportunities, integrate the "Leadership by Committee" training materials more effectively, and ensure the council gets off to a great start early in the term, versus not having their first in-person meeting until the term is half over.

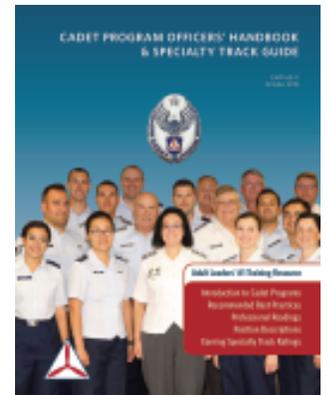
November / Fall CSAG Meeting at Maxwell AFB
Training & Initial Vector

February / Legislative Day in Washington DC
Business Meeting & Interim Report

August / National Conference in Baltimore
Business Meeting & Final Report

Restated, the cadet regulations (CAPR 60-1, CAPR 60-2) tell you what to do, while the *Handbook* advises you how to do it well.

Additionally, to continue our community's growth, we've included a handful of readings about youth development as a profession. Eventually those readings will be incorporated into the TLC courses.



Finally, the specialty track requirements have been updated to incorporate program elements that simply didn't exist back in April 2014 when the current / soon to be obsolete edition was released. You'll see knowledge and performance requirements relating to CEAP, Curry Blues, the Cadet Wingman Program, and more.

Ask anyone. The quality of adult leadership is indisputably the #1 factor affecting the cadets. We hope this new resource equips adult volunteers with valuable new tools to help their local programs and the cadets flourish.

Cadet Publications Updated for '18

CAPR 60-1, *Cadet Program Management*, 1 February 2018, is now effective. This edition of the regulation replaces CAPR 52-16. It has been extensively revised as part of the CAP-wide publication reengineering process. Twenty volunteer members of the National Cadet Team, plus eight highly-experienced Cadet Programs Officers appointed by the region commanders, contributed to the new publication.

Summary. For a summary of the program enhancements and administrative updates, an online presentation is available as a simple PDF and as a recorded webinar.

Fitness. One of the two biggest program enhancements in the regulation is the introduction of the Active Cadet Fitness Program and a revised Cadet Physical Fitness Test.

Staff Duty Analysis. The other big program enhancement in the regulation is the introduction of a revised SDA program. During each Achievement in Phases III and IV, cadets will serve in a support staff role, draft one of eight types of technical documents, and deliver an oral briefing using the technical document as a jumping off point.

UPDATES TO OTHER CADET PUBLICATIONS

As the cadet regulation changes, so too will the library of other cadet-related forms and pamphlets. We will be gradually phasing-in revised publications throughout 2018. For now, the following revised publications are available:

CAPP 60-12, *Parents' Guide to the CAP Cadet Program*

Replaces the unnumbered Parents Guide. Adds sections on CEAP and Curry Blues Voucher. Adds content about ABUs. Mentions that CAP is open to youth who have special needs and asks parents to bring those needs to local leaders' attention. New cadets receive a copy of the *Parents' Guide* with their New Cadet Packet. Hardcopies will also be available through Vanguard.

CAPF 60-90 series, *Cadet Leadership Feedback*

Replaces the CAPF 50 series. No substantive changes made.

CAPVA 60-100, *Cadet Super Chart*

Updated to reflect the new CPFT and SDA rules. The *Super Chart* is available online, formatted for printing on two sheets of letter-size paper. We provided every squadron with a poster-size version in January 2018.

CAPVA 60-101, *Personal Cadet Tracker*

Updated to reflect the new CPFT and SDA rules. The suggested best practice for using this document is for each cadet

to print a copy, keep it at home, and manually update it as they progress so they can set goals and stay abreast of what they need to do to earn promotions.

DDR & Future of the Cadet Character Program. One consequence of the new CAPR 60-1 is that the stand-alone regulation on Drug Demand Reduction, CAPR 52-22, is rescinded. A memo explains how that will affect the future of the cadet character development program.

CAPR 60-2, *Cadet Protection Policy*

An updated cadet protection regulation took effect 1 March 2018. It contains no significant changes, only minor refinements. A summary of enhancements is available.

► GoCivilAirPatrol.com/library

FULL-TIME POSITION OPENING Assistant Program Manager

Join the National Cadet Team as a salaried professional

The assistant program manager will administer a new scholarship-like program that makes aviation training accessible to cadets. The incumbent must be a creative thinker who can envision a full system of managerial processes from program advertising to registration to contracting and reporting. Further, this individual will manage a portion of the national cadet special activities portfolio, working with volunteer leaders to ensure that career exploration camps operate per CAP managerial practices. The position is designed for a new or moderately experienced professional who possesses outstanding attention to detail and a growing competency in project management skills.

Requirements

- ★ Bachelor's degree in any discipline
- ★ 1-year's experience in project management, including:
 - ☆ administering a project requiring keen attention to detail with little to no supervision day-to-day
 - ☆ proven ability to track multifaceted projects through to completion
 - ☆ experience in basic bookkeeping using spreadsheets
- ★ Proficiency in MS Word, Excel, and Outlook
- ★ Strong written communication skills; ability to write pitch-perfect correspondence independently
- ★ Good public speaking and presentation skills appropriate to a webinar setting
- ★ Customer-focused, positive attitude
- ★ Desired but not required: experience in aviation and/or CAP Cadet Programs

This is a full-time, salaried position located in Montgomery, Ala. For application procedures and deadlines, see GoCivilAirPatrol.com > About > Employment

Cadets at School - Program Refresh

While the majority of cadet units are supported by the local community, CAP welcomes middle and high schools to host squadrons through the Cadets at School program. Currently there are 39 school units in 18 wings. Four out of five of the largest squadrons in the country are school-based units.

In January 2018 a cross-functional team (CFT) was assembled to examine the Cadets at School program with the vision of expansion to serve populations currently underrepresented in CAP, including youth from inner cities and minority communities. A final report with a list of recommendations was presented in April 2018. The path

forward was developed based on feedback from senior leadership.

Over the next year we'll be making strides to improve and promote the Cadets at School program. Keep an eye out for upcoming changes:

★ Revised CAPP 60-13, *Cadets at School* incorporating newly-identified best practices.

★ Integration of school program topics into the Region and Wing Commander Course.

★ Publicity campaign to increase awareness of the Cadets at School program among CAP members and middle and high schools to encourage the chartering of more units.

NATIONAL CADET TEAM Current Priorities

1. Youth Aviation Initiative

Increase cadet opportunities to fly and get involved in aviation by implementing Cadet Lift, Take-Off Program, and Cadet Wings

2. Cadets at School

Make the Cadet Program easier for schools to implement as an extra-curricular, on-campus activity

3. Cyber Module (Expected 2020)

Integrate cyber into the core curriculum via a new module in the *Aerospace Dimensions* series

4. CP Officers' Handbook **COMPLETED**

Transform the specialty track guide into the #1 resource for adult volunteers

5. Cadet Great Start

Refresh the content, collect and share best practices, and make the overall program easier for squadrons to implement

6. NCSA Year of Curriculum **COMPLETED**

Qualitatively improve NCSA's ability to deliver meaningful career exploration opportunities by refreshing their curricula

7. Squadron Turn-Around (working title)

Investigate using the BGCA model of providing struggling squadrons with intensive, special support

8. DCP Conference (Deferred to 2019)

Via a weekend event, learn together, share best practices, and improve how wings and regions implement the Cadet Program



KEY LEADERSHIP CIRCLE (CP)

- ★ ♦ **Curt LaFond** Director of Cadet Programs
- ♦ **Col Ned Lee** CP Manager
- ♦ Lt Col **George Ishikata** CP Staff Coordinator
- ★ ♦ **Wendy Hamilton** Career Explorations Manager
- ★ ♦ **Joanna Lee** Youth Dev. Program Specialist
- Vacant**, see p.6 Asst. Program Manager
- Susan Schneider** Program Coordinator

COUNCIL GROUP (NCAC)

- ♦ Lt Col **Christine Lee** NCAC Senior Advisor
- Capt **Mia Ottesen** Asst. Senior Advisor
- ♦ C/Col **Abhishek Mogili** Cadet Chair '17 - '18
- ♦ C/Col **Holly Fieglein** Cadet Vice Chair '17 - '18

EDUCATION GROUP (CPE)

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- Lt Col **Jett Mayhew** DDR Coordinator
- Lt Col **Valerie Brown** Education & Testing Coord
- ♦ Lt Col **Rob Smith** Asst Ed & Testing Coord
- ♦ Lt Col **Justin McElvany** Asst Ed & Testing Coord
- ♦ Lt Col **Grace Edinboro** Drill & Ceremonies Coord
- ♦ Maj **Forest Allen** Asst Drill & Ceremonies Coord
- ♦ Lt Col **Zoe Falls** C/Leaders' Adult Ed Coord
- Capt **Wendy Walsh** C/Special Needs Coord

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- Lt Col **Margarita Mesones** Asst NCSA Coordinator
- ♦ Lt Col **James Peace** Asst NCSA Coordinator
- Lt Col **Peggy Myrick** IACE Director
- ♦ Lt Col **Ron Hanson** Scholarship Coordinator
- ♦ Lt Col **Shaun Adams** Asst Scholarship Coord
- ♦ Lt Col **Elliott Korona** Asst Scholarship Coord
- ♦ Lt Col **Pedro Torres** Asst Scholarship Coord
- Lt Col **Paul Creed III** Cyber Curriculum Specialist
- Lt Col **Bill Sydow** Cyber Competition Coord
- ♦ Lt Col **Nicholas McLarty** Cyber Curriculum Specialist
- Maj **Bill Blatchley** Cyber Competition Coord

SPECIAL GROUP (CPX)

- ♦ Col **JD Ellis** Spaatz Association Liaison
- ♦ Lt Col **Jim Jenkins** CP Outreach Coord
- Lt Col **Roger Middleton** CP Development Coord
- ♦ Lt Col **Tom Rehman** Cadet Analytics Coord



ON THE COVER The Falcon Heavy, the world's most powerful rocket. Its first stage is composed of three Falcon 9 nine-engine cores whose 27 Merlin engines together generate more than 5 million pounds of thrust at liftoff. For its test launch, SpaceX CEO Elon Musk made the payload something fun: a Tesla Roadster. Falcon Heavy restores the possibility of flying missions with crew to the Moon or Mars. *Illustration courtesy of SpaceX*



Congratulations!
CADET OFFICER SCHOOL
CELEBRATES 50 YEARS OF EXCELLENCE