

CAP Cadet Flight Plan Youth Aviation Initiative



A Brief Summary of the many possibilities available to you, including Orientation Flights, Free Memberships in Aviation Organizations, Free Online Courses, Flight Academies, Flight Scholarships and more!

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Aerospace Education Officer – Cenla Composite Squadron

Opening Notes about Cadet Aviation Opportunities

Your CAP Deputy Commander of Cadets, Aerospace Education Officer, and other Senior Member Staff are here to help guide your path any way we can... but as with many things within Civil Air Patrol, you need to be self-driven with this!

Although Civil Air Patrol is gradually becoming able to increase funding for Cadet Flight Education, this is a costly endeavor for the organization, and therefore only a fraction of Cadets nationwide will receive Scholarships and appointments to Flight Academies.

Your first year as a Cadet will include the opportunity to participate in local Orientation Flights. But beyond that, per the CAP Cadet Flight Plan, your first year will mainly involve building a foundation as a well-rounded Cadet through various training subjects such as Leadership, Aerospace Education, Fitness, Character Training, and Drill & Ceremonies Training. You should also plan for earning the Wright Brothers award during this time. After your first year, you should plan to attend Cadet Encampment.

Then... as a 2nd Year Cadet... you are eligible to set your sights on a Cadet Flight Academy and fly solo.

Flight Academies are competitive...

Achieve as much as you can at your Squadron level every year..

Lots of Info online about CAP Cadet Flying... do your homework!

Your CAP Staff is here to point you in the right general direction, and even help clear obstacles... but this is your journey to walk!

The Opportunity is there!

Go Get it!!!

We can't go get it for you.. but we can help clear roadblocks!!!

CADET FLYING PAGE

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CADET FLYING



Safe, Fun, Educational

CAP is America's premiere opportunity for air-minded youth. Thanks to CAP adult volunteers, cadets learn about the fundamentals of aviation through classroom activities, self-study texts, orientation flights, and formal flight training. You've reached the Cadet Flying Home Page, your source for information about:

- Orientation flights
- Free cadet memberships in aviation organizations
- Elective activities for individual cadets and squadrons
- Flight academies
- Flight scholarships

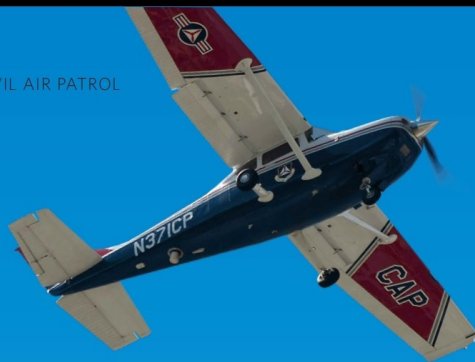
Orientation Flights

The cadet orientation flight program shares with cadets the thrill of flying. Every CAP cadet under age 18 is eligible for five flights in a powered aircraft (usually a single-engine Cessna), five flights in a glider aircraft, and an unlimited number of backseat flights when conditions allow. Orientation flights are always free to cadets. Survey data has repeatedly shown that the #1 reason youth become CAP cadets is



The CAP Cadet Flying Page is a great “Home Base” for those seeking overall information about the opportunities that CAP has for air-minded Cadets. This page contains information about Scholarships, Orientation Flights, Academies and many other topics that are central to your taking advantage of the many aviation benefits available to you as a Cadet.

<https://www.gocivilairpatrol.com/programs/cadets/activities/cadet-flying>



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.aero, and also apply for the CAP College Scholarship Program



8 Compete for the elite **Cadet 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 NCSA; compete for the **Lift 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

SECOND CADET YEAR

FIRST CADET YEAR



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



Sherrita "Lex" Kimbrell
1st Female African-American
Fighter Pilot



Eric Roe
Astronaut



Nicole Malachukwili
1st Female
Thunderbolt Pilot

the CADET FLIGHT PLAN for AVIATION CAREERS

DETAILS @
GoCivilAirPatrol.com/Scholarships

ASSISTANCE PROGRAMS

Cadet Encampment Assistance Program	Need-based program helping cadets with tuition and uniform expenses; priority given to first-year cadets
Take-Off Program	Merit-based program supporting cadets at week-long powered and glider flight academies, possibly leading to solo flight
Lift Program	Need-based program supporting cadets at week-long career explorations (NCSAs)
Cadet Wings Program	Merit-based program for cadets pursuing a private pilot certificate; ultra-competitive... the jewel of cadet life
College Scholarship Program	Merit-based program supporting cadet education at colleges and career schools

FIRST CADET YEAR



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

Take the controls during an orientation flight in a single-engine aircraft or glider. You won't merely fly over your house; you'll progress through a syllabus, where each flight focuses on a different theme that reinforces what you've studied in the textbooks. Cadets sometimes are privileged to receive orientation flights in military aircraft or even balloons.

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

Attend a week-long, overnight encampment for an immersion into the full challenges and opportunities of cadet life. Interact with Air Force and aviation professionals as you explore a variety of aviation and STEM-related careers through hours and activities in the control tower, at the engine shop, or aboard a flight simulator. Develop leadership skills to prepare for success in adult life.

* Activities vary based on host facility resources

SECOND CADET YEAR

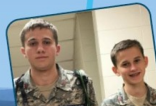
Begin formal flight training in a single-engine or glider aircraft during week-long flight academies, a cadets-only environment where the instructors are specially prepared to lead young aviators toward their first solo flight. Selection for CAP flight academies is competitive, so you'll need to have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

Test-fly an aviation, space, or technical career field at a National Cadet Special Activity career field. While the encampment introduced you to the aerospace field at large, each NCSA concentrates on a single career field. You can explore a career in military aviation, engineering, aircraft manufacturing, space operations, cyber defense and other opportunities. Again, the selection process is competitive, so stay active in your squadron and rank-up as a cadet. The **Lift Program** can help with your expenses.

THIRD CADET YEAR & BEYOND

Leverage your cadet experience as you enter college or the workforce. CAP offers college scholarships and the **Cadet Wings** program can help with training that leads to a private pilot's license.

If you're considering military service, the service academies and ROTC, especially USAFA and AFROTC, look favorably upon cadets who have worked hard in CAP and earned the Billy Mitchell Award. About 8% of USAFA Academy cadets get their start in CAP, and CAP cadets have a special avenue for an USAFA appointment through our USAFA Preparatory School program. Finally, if you enlist in the Air Force and have earned the Mitchell Award as a cadet, you'll be promoted to Airman First Class (E-3) after completing basic training.



the **CADET FLIGHT PLAN** for **AVIATION CAREERS**

FIRST CADET YEAR

1. Join CAP
2. Attend squadron meetings
3. Participate in an orientation flight
4. Study Aerospace Dimensions & rank-up
5. Attend encampment with help from **CEAP**

SECOND CADET YEAR

6. Compete for **TOP Cadets**, attend a National Flight Academy & fly solo
7. Compete for **Cadet Lift** & attend a career exploration academy (NCSA)

THIRD CADET YEAR & BEYOND

8. Compete for **Cadet Wings** & earn the Private Pilot Certificate
9. Compete for **Academic Scholarships**, ROTC, or service academies
10. Enter the aviation profession

CADET INVEST
FINANCIAL ASSISTANCE FOR CADETS

**Cadet Encampment
Assistance Program (CEAP)**

**Take-Off Program
"TOP Cadets"**

Cadet Lift

Cadet Wings

Academic Scholarships

Endowed Flight Scholarships

DETAILS @

GoCivilAirPatrol.com/CadetInvest

NEW CADETS START HERE

CIVIL AIR PATROL CADET SUPER CHART

PHASE I THE LEARNING PHASE				PHASE II THE LEADERSHIP PHASE						
ACHIEVEMENT 1	ACHIEVEMENT 2	ACHIEVEMENT 3	WRIGHT BROTHERS AWARD	ACHIEVEMENT 4	ACHIEVEMENT 5	ACHIEVEMENT 6	ACHIEVEMENT 7	ACHIEVEMENT 8	BILLY MITCHELL AWARD	
MANDATORY TRIAL PERIOD Orientation begins immediately as the Cadet Great Start, but the prospect for cadet must attend three meetings before the unit commander may approve the membership application. Cadet receives New Cadet Kit with two weeks of joining.	 JOHN CURRY First National Commander of the Civil Air Patrol and a strong advocate for female aviators.	 HAP ARNOLD Commanding general of U.S. Army Air Forces during World War II.	 MARY FEIK Pioneer in the fields of aviation mechanics and engineering, and proud CAP member.	 ORVILLE & WILBUR WRIGHT First men to achieve powered, controlled, sustained, heavier-than-air flight.	 EDDIE RICKENBACKER America's "Ace of Aces" during World War I; he wanted CAP cadets to know him as "Eddie".	 CHARLES LINDBERGH First man to fly across the Atlantic Ocean solo, non-stop, aboard the "Spirit of St. Louis".	 JIMMY DOOLITTLE Pioneer in field of aeronautical engineering and leader of the World War II raid on Tokyo.	 ROBERT GODDARD The "Father of Modern Rocketry" and developer of the first liquid fueled rocket.	 NEIL ARMSTRONG First man to set foot on the Moon, aboard Apollo 11 on July 20, 1969. "One giant leap for mankind".	 BILLY MITCHELL America's first vocal advocate for military airpower; he proved the airplane could sink ships.

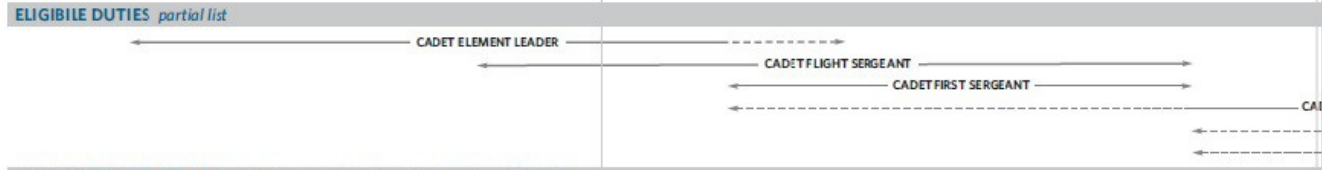
GRADE, INSIGNIA, & AWARDS									
CADET AIRMAN	CADET AIRMAN FIRST CLASS	CADET SENIOR AIRMAN	CADET STAFF SERGEANT	CADET TECHNICAL SERGEANT	CADET MASTER SERGEANT	CADET SENIOR MASTER SERGEANT	CADET CHIEF MASTER SERGEANT	CADET CHIEF MASTER SERGEANT	CADET SECOND LIEUTENANT
<p><i>Eligible for Curry Star Votex</i></p> <p><i>Eligible for Leadership School and Civic Leadership Academy; eligible for SC in the USAF; eligible for promotion to 2d Lt as a senior member of age 21</i></p>									

PROMOTION ELIGIBILITY REQUIREMENTS										
LEADERSHIP	Learn to Lead Chapter 1 & Drill Test	Learn to Lead Chapter 2 & Drill Test	Learn to Lead Chapter 3 & Drill Test	Learn to Lead Comprehensive Exam with Drill	Learn to Lead Chapter 4 & Drill Test	Learn to Lead Chapter 5 & Drill Test	Learn to Lead Chapter 6 & Drill Test	Learn to Lead Chapter 7 & Drill Test	Learn to Lead Chapter 8 & Speech, Essay & Drill	Learn to Lead Comprehensive Exam
AEROSPACE	No Requirement	Aerospace Dimensions Any Module	Aerospace Dimensions Any Module	No Requirement	Aerospace Dimensions Any Module	Aerospace Dimensions Any Module	Aerospace Dimensions Any Module	Aerospace Dimensions Any Module	No Requirement	Aerospace Dimensions Comprehensive Exam
CHARACTER	Cadet Wingman Course	Participate in 1 Activity	Participate in 1 Activity	No Requirement	Participate in 1 Activity	Participate in 1 Activity	Participate in 1 Activity	Participate in 1 Activity	Participate in 1 Activity	No Requirement
FITNESS	Attempt CPFT as a Baseline	Participate in 1 Activity & Have Attempted CPFT in Previous 180 days	Participate in 1 Activity & Have Attempted CPFT in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days	Participate in 1 Activity & Have Attained HFZ in Previous 180 days
SPECIAL ACTIVITY										Graduate Encampment

CADET PHYSICAL FITNESS TEST STANDARDS																			
AGE	PACER (20m laps)								RUN EITHER				1-MILE RUN				PROMOTION		
	10	11	12	13	14	15	16	17	18+	10	11	12	13	14	15	16		17	18+
	MALE	17	20	23	29	36	42	47	50	54	11:30	11:10	10:40	9:46	9:22	9:04		8:42	8:22
FEMALE	17	20	23	25	27	30	32	35	38	11:30	11:10	10:40	10:20	10:09	9:58	9:46	9:34	9:22	

Training & acclimation. No CPFT performance standards.

LEADERSHIP EXPECTATIONS	
ATTITUDE	Displays a positive attitude; optimistic; enthusiastic; is team oriented.
CORE VALUES	Aware of the Core Values; honest; wears uniform properly; practices customs and courtesies.
COMMUNICATION SKILLS	Listens actively; attentive; asks good questions.
SENSE OF RESPONSIBILITY	Follows directions; dependable; arrives ready to learn and serve; effective in managing own time.
INTER-PERSONAL SKILLS	Maintains a positive attitude and encourages good attitudes in others; does not flaunt rank or authority.
CRITICAL THINKING	Displays a commitment to the Core Values; promotes team spirit, professionalism, and good sportsmanship as a team leader.
DELEGATION SKILLS	Proficient in informal public speaking (i.e., in giving directions to and training junior cadets).
	Enforces standards; trustworthy in supervising a small team and leading them in fulfillment of a series of simple tasks; given a plan, is able to carry it out.
	Guides and coaches junior cadets; recognizes when junior cadets need help; leads by example; is not a "boss".





PHASE I THE LEARNING PHASE

	Date Completed	Score
ACHIEVEMENT 1	Leadership - Chapter 1 Test	
	Leadership - Drill Test	
	Aerospace	NA NA
	Fitness - Attempt CPFT	
	Character - Wingman Course	
	Promotion Effective Date	

ACHIEVEMENT 2	Leadership - Chapter 2 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + Do CPFT < 180 days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

ACHIEVEMENT 3	Leadership - Chapter 3 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + Do CPFT < 180 days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

WRIGHT BROS. AWARD 	Leadership - Comprehensive Exam	
	Leadership - Comprehensive Drill Test	
	Aerospace	NA NA
	Fitness - 1 Activity + HFZ < 180 days	
	My Goal Date for Completing	<input type="text"/>
Promotion Effective Date	≥ 56 days after last promotion	

SET GOALS
When will you earn the Wright Brothers Award? The Spaatz?

RUNNING TALLIES

Aerospace: The Journey of Flight

Test No.	Corresponding module in <i>Aerospace Dimensions</i>	Study <i>Journey</i> Chapters
___ 1	Introduction to Flight	1, 7, 8
___ 2	Aircraft Systems & Airports	2, 9, 10
___ 3	Air Environment	3, 18, 19
___ 4	Rockets	4, 21, 23
___ 5	Space Environment	5, 25, 25
___ 6	Spacecraft	6, 26, 27

Aerospace Dimensions
During Phases I & II, complete the 6 modules in any order, marking an X in the appropriate space below.

___ 1 Introduction to Flight
___ 2 Aircraft Systems & Airports
___ 3 Air Environment
___ 4 Rockets
___ 5 Space Environment
___ 6 Spacecraft

You must complete one test during achievements 9, 10, 11, 14, 15, and 16. You may take the tests in any order. If possible, study the "Journey" chapters corresponding to the "Aerospace Dimensions" module being studied by the cadets you are mentoring or instructing. Some chapters in "The Journey" (11-17, 20, 22) are not included in your course of study.

PHASE II THE LEADERSHIP PHASE

	Date Completed	Score
ACHIEVEMENT 4	Leadership - Chapter 4 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + HFZ < 180days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

ACHIEVEMENT 5	Leadership - Chapter 5 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + HFZ < 180days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

ACHIEVEMENT 6	Leadership - Chapter 6 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + HFZ < 180days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

ACHIEVEMENT 7	Leadership - Chapter 7 Test	
	Leadership - Drill Test	
	Aerospace - Module ____ Test	
	Fitness - 1 Activity + HFZ < 180days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

ACHIEVEMENT 8	Leadership - Chapter 8 Test	
	Leadership - Drill Test	
	Leadership - Speech	
	Leadership - Essay	
	Aerospace	NA NA
	Fitness - 1 Activity + HFZ < 180days	
	Character - 1 Activity	
	Promotion Effective Date	≥ 56 days after last promotion

MITCHELL AWARD 	Leadership - Comprehensive Exam	
	Aerospace - Comprehensive Exam	
	Fitness - 1 Activity + HFZ < 180 days	
	Graduate Encampment	
	My Goal Date for Completing	<input type="text"/>
Promotion Effective Date	≥ 56 days after last promotion	

Prove you have The Right Stuff.. By Keeping your First Year on The Right Track!

**THE
RIGHT
STUFF**



While your first year as a Cadet may not seem that important toward your Aviation career, it is very important toward it!

During your first year you are building the FOUNDATION you need, to show CAP you are a go-getter!

CAP Stripes to Diamonds Page

<https://www.gocivilairpatrol.com/programs/cadets/stripes-to-diamonds>

Cadet Flight Plan Poster

<https://www.gocivilairpatrol.com/programs/cadets/cadet-blog/2018/07/11/cadet-flight-poster>

Aerospace Dimensions PDF Booklets & More

<http://gccs.njwg.cap.gov/cadet-study-links>

Attend Leadership, Character & Fitness Training at Squadron

Prepare/Register for Summer Encampment

<https://www.gocivilairpatrol.com/programs/cadets/activities/encampment>

Cadet Encampment Assistance Program (CEAP)

<https://www.gocivilairpatrol.com/programs/cadets/newcadet/ceap>

Looking toward your Second Year

CAP Youth Aviation Initiative Page

<https://www.gocivilairpatrol.com/programs/cadets/cadetinvest/youth-aviation-initiative>

CadetInvest

<https://www.gocivilairpatrol.com/programs/cadets/cadetinvest>

To Be Continued!!