

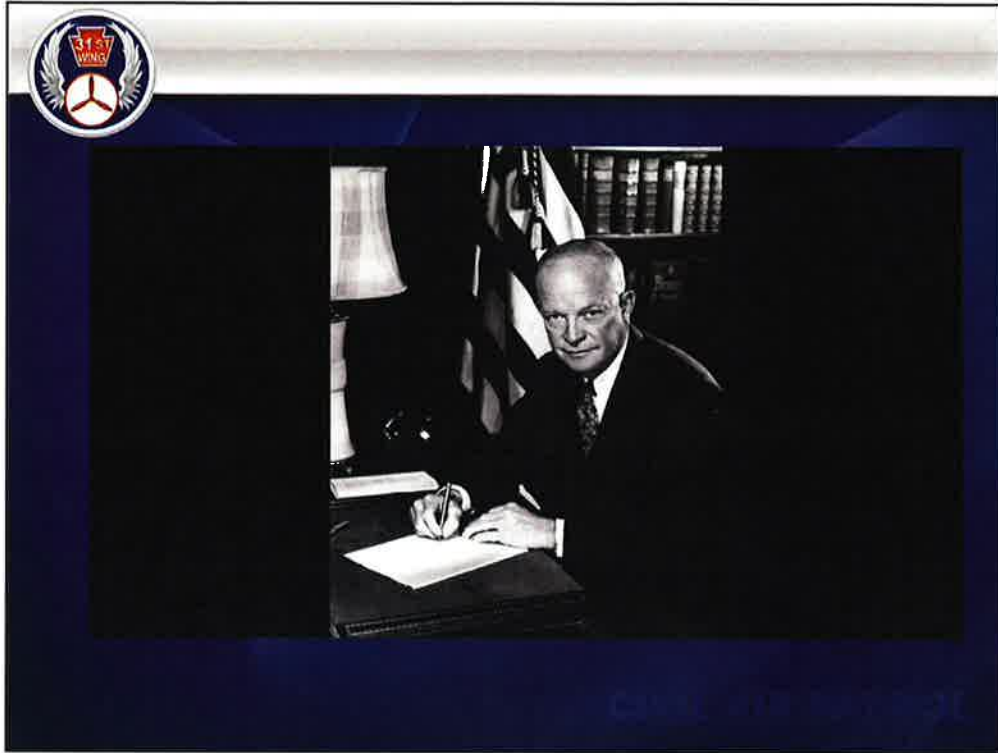


Capabilities & Engagement



Pennsylvania Wing
Citizens Serving Communities

It is my privilege to be here this morning to represent the 1800 members of the Pennsylvania Wing Civil Air Patrol, the US Air Force Auxiliary and Total Force partner in service to our communities, state and nation. I am Col Gary Fleming the Pennsylvania Wing Commander, this is Lt Col Kevin Berry Wing Vice Commander, and we have a number of our members here with us today. Thank you for affording me the opportunity provide information about our all Volunteer service to the Commonwealth and its Citizens.



First up a is short video that tracks Civil Air Patrol operations since inception and through today.

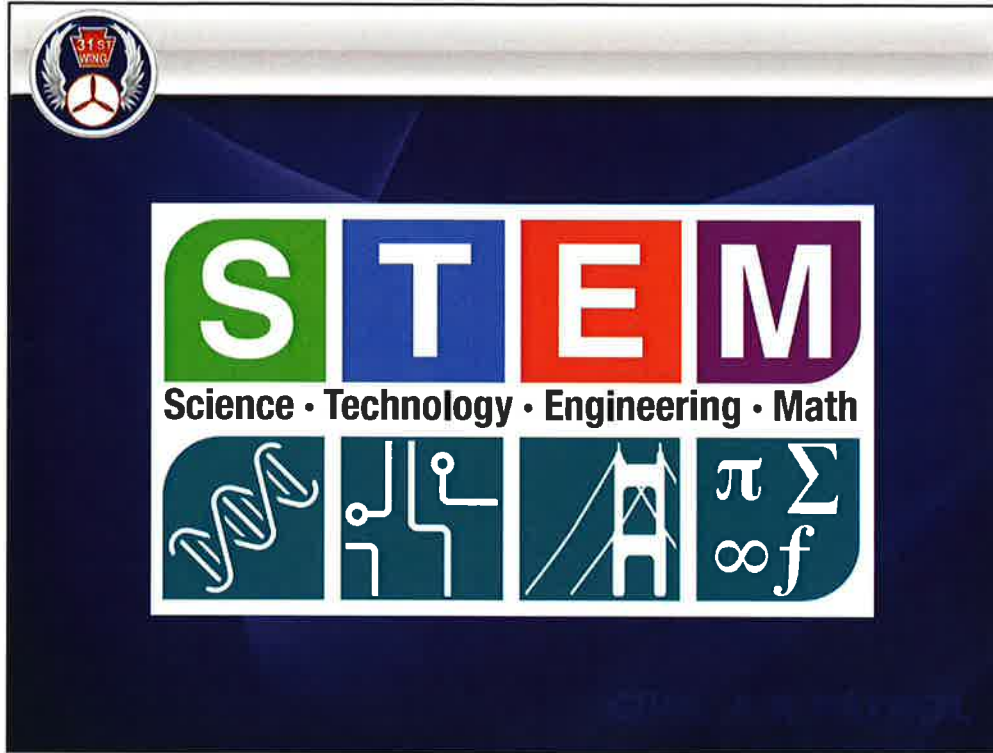


Aerospace Education

Aerospace Education



CAP has three main missions: Aerospace Education, Cadet Programs and Emergency Services. Our mission briefing begins with Aerospace Education.



The focus of Civil Air Patrol's Aerospace Mission is on STEM – Science, Technology, Engineering and Math. Our internal and external Aerospace Education programs, for our members and the community, are built around a STEM-based curriculum, with a strong emphasis on things that fly!



One great example of PAWG STEM activities is our Clarion Composite Squadron's STEM Fair, held last year at the Clarion County Airport. Cadets of SQ 504, with the support and encouragement of their senior members, planned, promoted and executed an AMAZING STEM activity for themselves and their community. The event was so popular that parking space was scarce at the airport! Hundreds of people from the community attended and enjoyed learning about physics, robotics, cyber security, drones, aircraft and of course, flying! The Squadron Commander attributes empowering the cadets to make this STEM Fair their own as the biggest key to its success!



STEM Kits Grant Program



Civil Air Patrol also has a wonderful selection of **FREE** STEM kits available to its members. This shows just a portion of the 15 STEM Kits now offered through a CAP grant program. Aerospace Education Officers at the Squadron, Group and Wing levels may order these kits for use in their lessons and events. Others, such as teachers and informal youth educators like Scout or youth group leaders, may join Civil Air Patrol as an Aerospace Education Member and receive these free kits, along with a wide range of other educational materials!

STEM kits are designed to enhance the CAP Aerospace Education curriculum and foster interest in diverse STEM areas. They arrive ready for learning and fun, right out of the box! The hands-on experience of building these kits, combined with conceptual learning, reinforces STEM topics learning, making it educational, fun and exciting!



Civil Air Patrol Cadets from across the nation, and here in Pennsylvania, participate in a timely technological initiative aimed at defending our nation against Cyber Attack: the Air Force Association's CyberPatriot Program. This National Youth Cyber Defense Competition educates and challenges our youth to become patriotic defenders of our nation's cyber-security and technological infrastructure. This competitive and highly technological program helps train a new generation of Americans to defend our nation in cyberspace. Pennsylvania Wing Cadet CyberPatriot teams from several Squadrons received regional recognition for their participation and success in the CyberPatriot program!




Operations







- Emergency Services
- Search & Rescue
- Disaster Relief

CAP's second mission area is Operations; this encompasses the areas of Emergency Services, Search & Rescue and Disaster Relief. OPS also manages Emergency Services training and Standards and Evaluation for our pilots. Lt Col Kevin Berry, Vice Commander, and himself a mission pilot will brief you on Pennsylvania Wing Operations.

Missions for America



- ▶ Search and Rescue
 - Missing Person
 - Missing Aircraft
 - Distress Beacons
- ▶ Disaster Relief
- ▶ Airborne Photography
- ▶ Homeland Security
 - Airborne Interdiction Mission
- ▶ Counterdrug Operations
- ▶ Surrogate Predator / Green Flag
 - JTAC Training
- ▶ MQ-9 Reaper Escort
- ▶ Disaster Communications

The members of Civil Air Patrol, including those in PAWG, provide a wide array of Emergency support services; and what began as a Homeland Security organization in 1941 remains on task for that, and many more missions nearly 76 years later. This is the “short list” of what we can do through our volunteer service, and the many federally funded assets and individual expertise we bring to bear on our missions.



Air Platforms

- ▶ Can operate with min 2500' runway (paved or grass)
- ▶ Interoperable CAP and Aviation Radios
- ▶ Advanced Electronic Search Equipment



Cessna 206 (1)



Cessna 182 (5)



Cessna 172 (6)

PA Wing has 12 CAP planes, all single engine Cessnas, based across state; each plane has the range to fly anywhere in state from its base on a single. Multiple, strategic base locations aid in reducing time to “target” and help maximize loiter times for missions requiring a sustained aerial presence.



Ground Resources

- ▶ 1,135 Emergency Service Qualified
- ▶ 31 8-15 PAX Vans
- ▶ 3 7 PAX Vans
- ▶ 3 Utility/4X4s
- ▶ UHF/VHF/HF Equipped
PA OpenSky Interoperability



Our qualified Ground team members position PAWG to be a force multiplier, capable of putting boots on the ground in support of many ES activities; the teams are self-transporting, arrive trained, equipped and self-sustaining for up to 72 hours afield; they bring specialized equipment including: dedicated CAP communications, radio direction-finders, first aid and patient transport gear and much more.



Communications Network

- ▶ 648 Radio Operators
- ▶ 38 Mobile Equipped Vehicles
- ▶ 2 Airborne Repeaters
- ▶ 23 Fixed Repeater Locations
- ▶ UHF/VHF/HF Equipped
PA OpenSky Interoperability



CAP communicators provide short, medium and long range communications with a variety of robust COM gear; CAP communicators maintain skills with frequent nets and exercises. Of note, PAWG communicators passed mission traffic in and out of Puerto Rico Wing in advance of Hurricane Maria and in the immediate wake of that devastating storm. On Thursday, PAWG communicators participated in a DoD short-notice exercise that tested CAP's ability to communicate nationwide during a simulated failure of commercial communications. Our members proved they could pass formal message traffic to communicate tasking for mission command and control.



We just completed our biennial Search and Rescue Evaluation YESTERDAY! This functional, performance-based test of our operational Emergency Services capabilities is conducted by the US Air Force. CAP-USAF, the Air Force organization responsible for ensuring that CAP is organized, trained, and equipped to fulfill the Air Force-assigned missions conducts this SAR/EVAL every other year. [Col Berry] piloted aerial imaging missions yesterday, while [Co Fleming] worked with our Incident Commanders and mission staff at PA Wing headquarters, Fort Indiantown Gap. More than 70 members Wing-wide participated in our SAR/EVAL, bringing dozens of different ES Specialty Qualifications to bear on the mission: pilots, air crew, ground teams, communicators, Incident Commander, Section Chiefs and mission base staff examples of the roles played by our all volunteer force to insure our ongoing our mission success!



NIMS Training Standards

- ▶ Specialty Qualification Training Records
Similar to AF 797 Job Qualification Standards
3 Year Recurrency Requirement
Tiered Qualification System
Certified Skills Evaluator Training
- ▶ Nationally Recognized Standards Compliance
National Incident Management System
American National Standards Institute
National Association for SAR
- ▶ Seamless Incident Command Systems Integration & Structure (ICS)

Task Name	Type	DATE	Date Recurr
SAR/CR Mission Pilot (SAR/CR) - SAR/CR Mission Pilot			
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Physical assets are the tools employed by our members who've attained Emergency Services Specialty Qualifications that comply with Nationally Recognized Standards.



Ice Jam Assessment Aerial Imagery Missions



Examples of Air Force Assigned Missions are aerial imaging, in this case of ice jams on the Susquehanna river.



Home Security Intercept Missions



Civil Air Patrol is engage in a Nationwide Homeland Security mission to train and exercise National Guard fighters for aircraft intercept missions.



Home Security Intercept Missions



[Col Berry] We are the “Track of Interest” for these missions...I prefer to think of it as being the “bad guys.” Fighters scramble from the 177th AW Atlantic City and are generally on top of us in about 10 minutes. This is a photo taken from one of our planes being intercepted by a NJ ANG F-16 fighter; the mission route begins in Elk county and progresses through Clearfield, Center, Mifflin and Snyder counties. This is some of the most exciting CAP flying I do! The F-16s ALWAYS win, but I love being “fighter bait.” All fun aside, this is a SERIOUS training mission for the Air Force and National Guard pilots who protect the skies of our Homeland!



sUAS "Drone" use on missions!



Pennsylvania Wing is on the verge of being able to deploy Small Unmanned Aircraft Systems or drones on operational missions! Our people are trained and ready to go, we're simply awaiting the "flight release" from NHQ. We envision a wide range of applications for the capable little flying machines that include aerial imaging, thermal imaging, communications and Search and Rescue. On a National level, CAP is developing an sUAS "threat" mission, where our drones assist military bases' in developing, testing and training their drone defenses.



Senior Member Professional Development

1. Senior Member Orientation Training
2. Squadron Leadership School (technical training)
3. Corporate Learning Course (management)
4. Region Staff College (Command & Staff)
5. National Staff College (Executive)

Additional Specialized Training Courses:

AESM, BIC, TLC, UCC & more

Seminars and Schools:

AEOC, NLOC, NESAs, HMRS & more

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Today's CAP Senior members have the opportunity to learn and grow their leadership skill through 5 Levels of CAP Professional Development. Training begins with a CAP orientation course and progresses through technical, management, command and executive training. There are many additional specialized schools and training opportunities to support Senior members' training in their chosen specialty tracks.



Senior Member Professional Development



Required and advanced training for our Senior members helps standardize our volunteer service and raise it to professional standards.



Senior Member Specialty Tracks

- ▶ Public Affairs
- ▶ Finance
- ▶ Inspector General
- ▶ Administration
- ▶ Personnel
- ▶ Logistics
- ▶ Operations
- ▶ Communications
- ▶ Emergency Services
- ▶ Aerospace Education
- ▶ Cadet Programs
- ▶ Safety
- ▶ Chaplain/CDI
- ▶ Historian
- ▶ Command
- ▶ Retention & Recruiting
- ▶ Information Technology
- ▶ Legal

There's something for everyone in CAP and these are just the general categories for Senior member Specialty Track service to our organization. Members often join because they possess a skill a unit needs. Other times, our volunteers join to learn, grow and serve in ways that differ completely from their day-to-day work and lives.



Pennsylvania Wing Cadet Training schools holds Winter and Summer sessions for youth development. The weekend long winter schools are in the State College area 15-17 March, and summer schools at Fort Indiantown Gap 16-23 June. CTS schools include: Basic Cadet Encampment, Leadership Development Course, Region Cadet Leadership School and PA Wing's exclusive STEM Academy now entering it's fourth year! This is a short video form our summer schools.



PENNSYLVANIA WING CADET TRAINING SCHOOLS

www.CTS.pawg.cap.gov

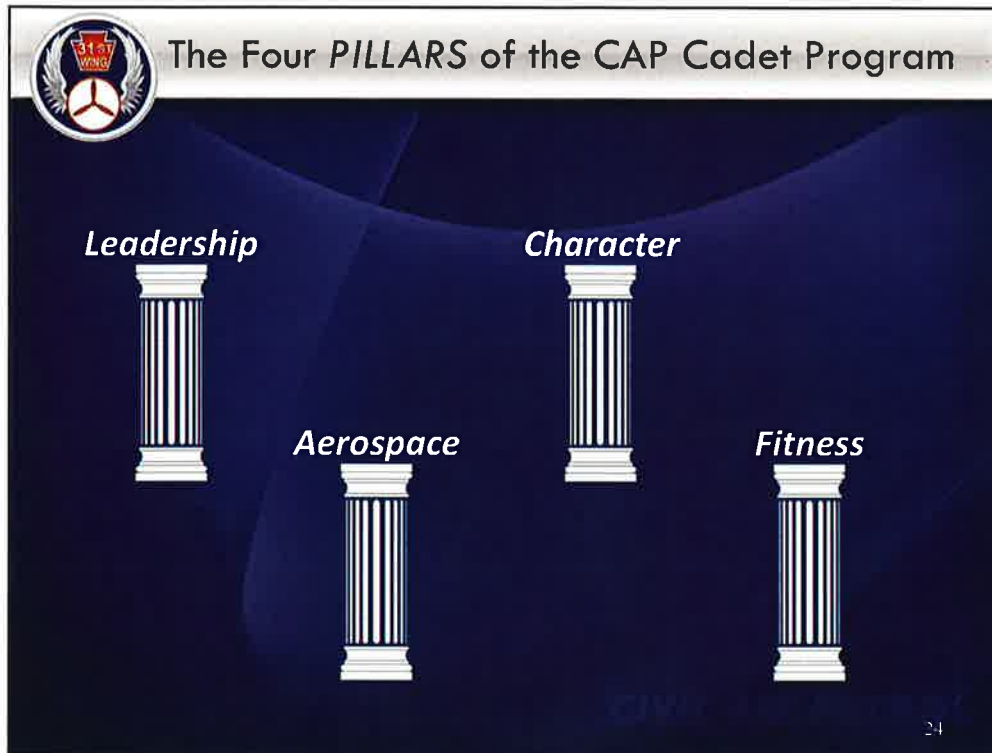


CIVIL AIR PATROL

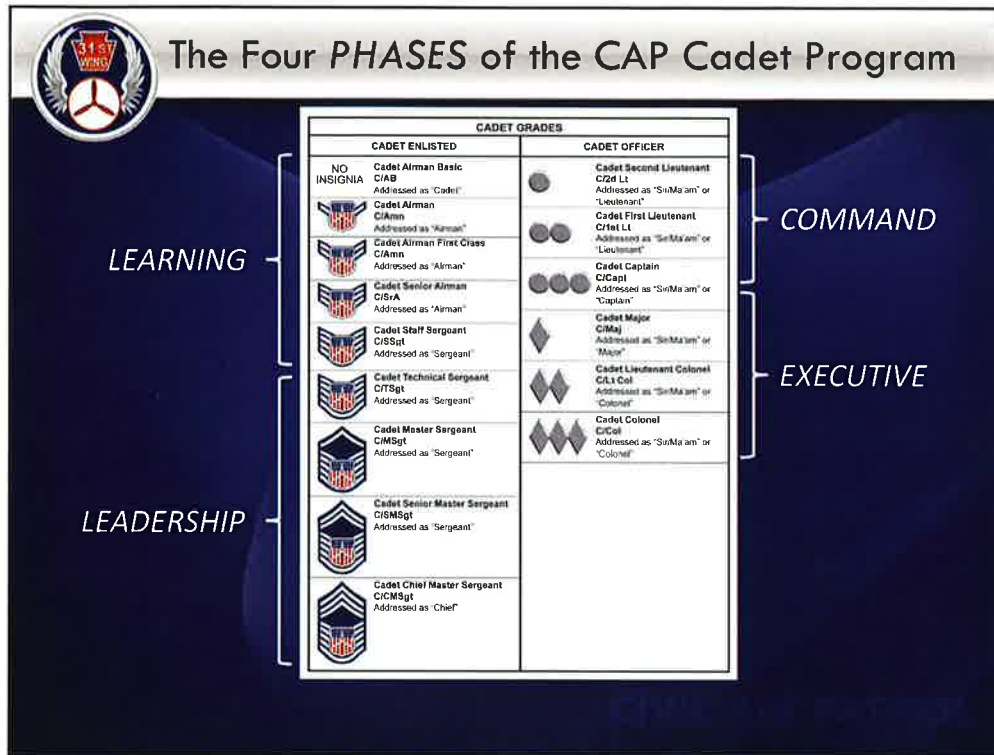


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There are four key elements or “pillars” supporting the CAP Cadet Program: Leadership Education and Implementation, Aerospace Education, Character Development with classes conducted by Chaplains at units that have them, and CAP-trained Character Development Officers elsewhere. Topic in CD classes range from discussions of current events, decision making, work and interpersonal relationships all centered around our core values of Integrity, Respect, Excellence and Volunteer Service. Physical Fitness encourages healthy practices with regard to nutrition and exercise, while avoiding behaviors that put health at risk. These “pillars” support a comprehensive program designed to foster good citizenship, good health and serve to train and inspire the future leaders of America.



Cadets progress through achievements that include education and training in the four 'Pillars' combined with experiential learning; they're required to employ what they've learned! In the learning phase, cadets are taught what it means to be a CAP cadet, and about the opportunities and responsibilities that come along with that status. They learn self-leadership, customs and courtesies, wear of the uniforms and what it means to be a valued member of a unit. In the leadership phase cadets gradually take more responsibility for leading others, becoming element leaders, flight sergeants and first sergeants. In the command phase, cadets become responsible for their own units as flight commanders, executive officers and cadets Squadron Commanders. Those cadet who continue to achieve enter the Executive Phase and work with Senior Leadership as mentors, and take responsibility unit strategic planning and often participate in similar activities at the Wing, Region and National levels. Unlike many youth programs, CAP Cadets are responsible for administering this program. Senior members, adults, mentor the cadets and make certain they're performing well and according to CAPR. But for the most part, they do an outstanding job of running our Squadrons, and training their replacements!



Cadet achievements bear the names of notable figures from military and aviation history. For example: the Hap Arnold award for C/A1C. The Charles Lindbergh Award and C/MSgt.



At the end of each of the four phases in the Cadet Achievement pathway, there are four Milestone Awards marking the successful completion of each phase; Wright Brothers – C/Ssgt and the end of the Learning Phase. The Billy Mitchell Award, where cadets transition from Cadet NCO to Cadet Officer between the Leadership and Command Phases. The Ira Eaker Award denotes the successful completion of all achievements of the CAP cadet program. The Gen Carl Spaatz D is Civil Air Patrol’s highest cadet honor. It is presented to cadets who have demonstrated excellence in leadership, character, fitness, and aerospace education, and corresponds to the rank of C/Col. Throughout this achievement series Cadets develop self-discipline, a strong sense of personal responsibility, the ability to lead and persuade, and a strong foundation for pursuing any career field, and especially one in aviation, space, science and technology.



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And cadets do it all with great pride; in their own achievements, those of their fellow cadets and in the accomplishments of their units.

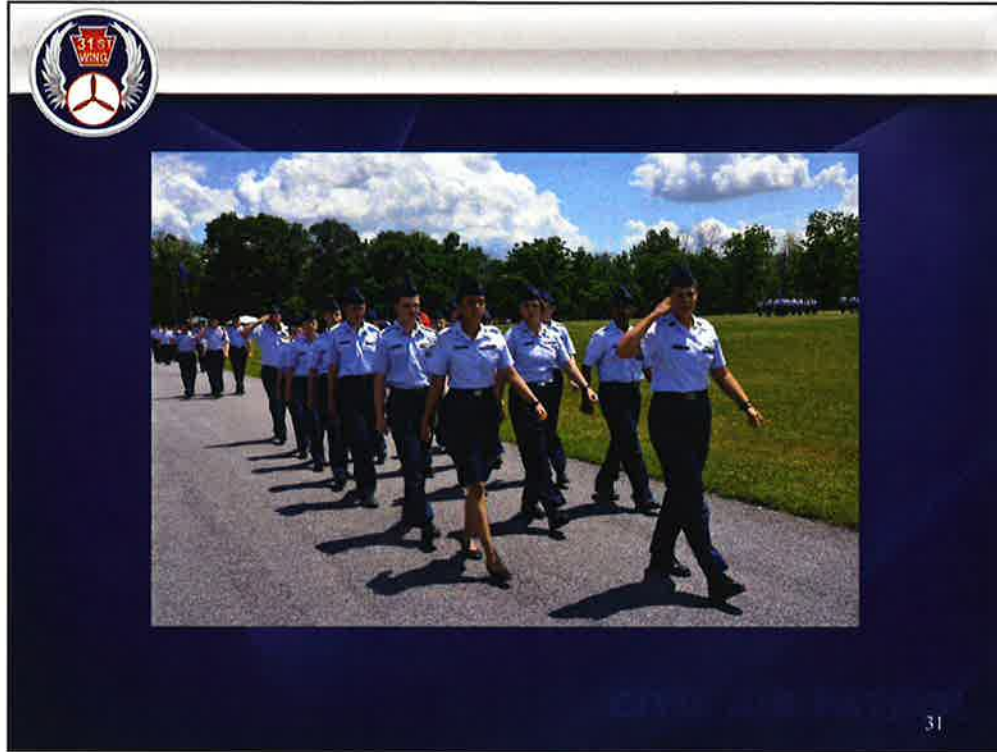


They learn first-hand, if you want to go far, you must go together!



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Teamwork.



Unity...



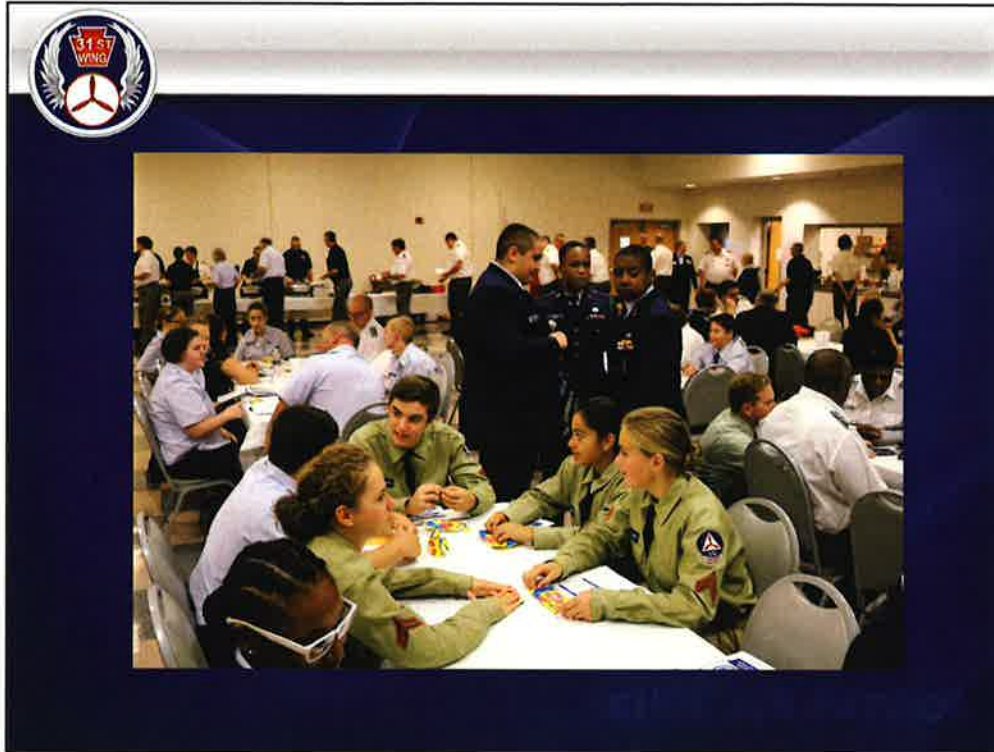
Camaraderie! These are hallmarks of the CAP Cadet Program and all critical elements in Cadet Leadership development. Our young women and young men live what they learn! They grow in stature, maturity and leadership; through it all they form fantastic relationships with their fellow cadets in PA, and across the nation; many of those relationships last a lifetime! (And more than a few have resulted in marriages, that produce a new generation of cadets! How's that for retention & recruiting?!)



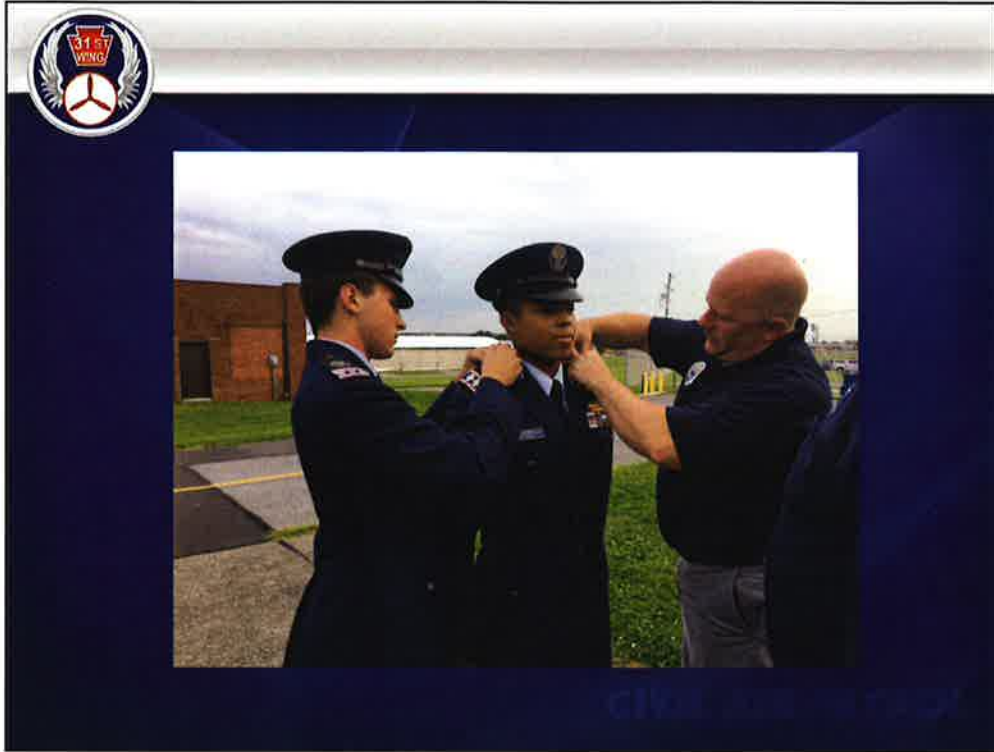
[Col Berry] In addition to supporting the Cadet program from the Senior side, I've had a front row seat for the wonderful contributions it's made to on one young woman's development as a parent of a cadet. She's develop as a leader, and in many other positive ways. This is me as SQ CC swearing in our daughter Ceara as a CAP Cadet just a few days after her 12th birthday. It earned her the unfortunate nickname of "Baby Berry" which she embraced and then grew out of quickly by charging hard and participating to the fullest. Here's just a sample of the many things she's done during her cadet career: And thanks to all she learned and did in CAP, she received CAP's appointment to the Air Force Academy Preparatory school in 2017 and is a Cadet Fourth Class at our United States Air Force Academy today! She wants to be a fighter pilot and the sky's the limit for her thanks in large part to her CAP Cadet career!



That's just one cadet's story. There are currently about 900 cadets in PAWG; over 25,000 nationwide.



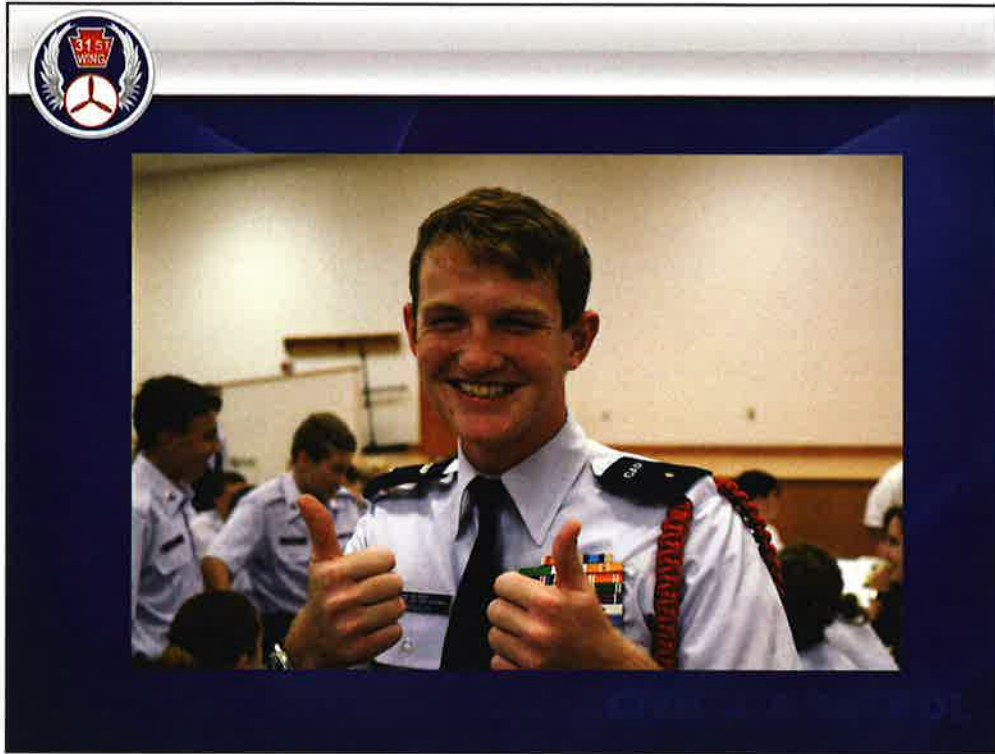
And all this effort produces cadets who know where they've come from...



Know where they're going...



Are serious and focused when needs dictate...



And can smile and enjoy THEIR service when time allows...



And most all derive a great sense of satisfaction from all of this!



General Carrelli, refers to PA Wing as “Part of Pennsylvania’s Air Force” which is at one humbling and motivating for our members. He also says, ‘It takes a thousand people to put a pilot over the target.’ In PAWG we’ve got about a thousand cadets. And we also have a thousand Seniors who do the best they can to provide fantastic training for our young people. Fortunately, we don’t do it alone; we get a lot of support from our communities, the General Assembly and many other organizations. And we’re especially thankful for the support we get from 19,000 Pennsylvania Guardsmen, who help shape our cadets’ future more than many will ever know!



Title



CAP Cadets and Seniors see a lot, do a lot and learn a lot...and they get to serve and hang out with some really cool people throughout their service. So that's the CAP Leadership story in a nutshell. Of course there's a lot more to it!



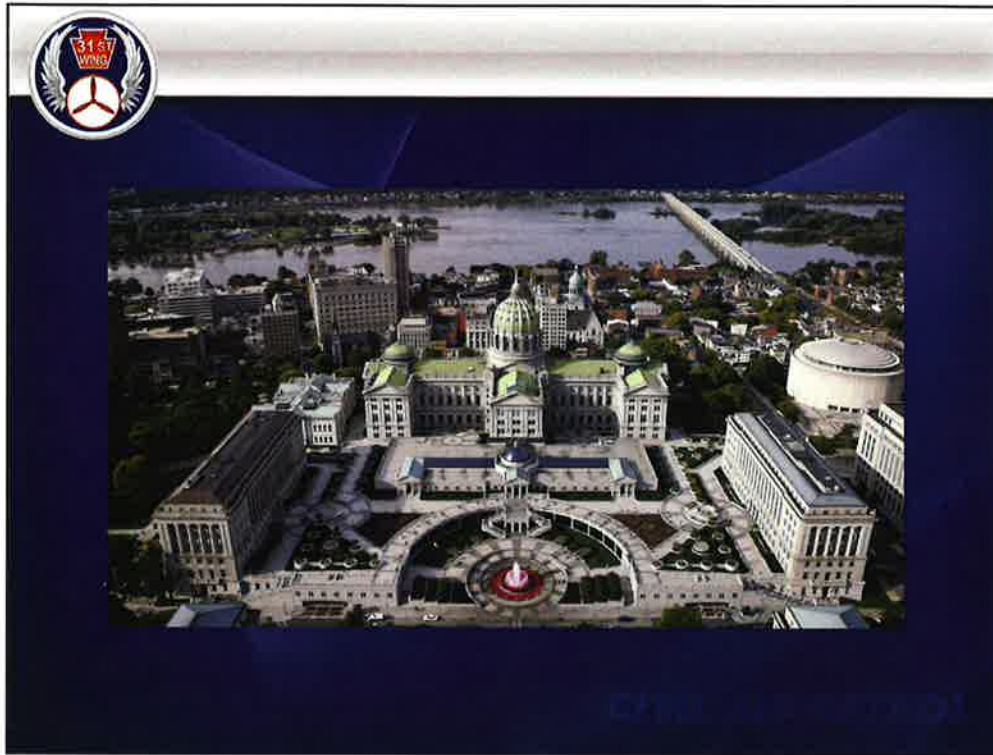
PA Wing Legislative Squadron

Application for Legislative Membership in Civil Air Patrol	
Personal Information (type or print)	
Full Name	
Date of Birth	<input type="checkbox"/> Male <input type="checkbox"/> Female
Mailing Address	
Phone Number	
E-mail Address*	
*Used to contact you concerning Civil Air Patrol activities	
Legislative Body	<input type="checkbox"/> US Congress <input type="checkbox"/> State Legislature <input type="checkbox"/> Other (please list):
Legislative Position	<input type="checkbox"/> Senator <input type="checkbox"/> Representative <input type="checkbox"/> Chief of Staff <input type="checkbox"/> Other (please list):
Date Appointed/Elected/Hired	
Area of Constituency (District etc.)	

Unit Commanders' Course

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This wouldn't be my presentation if it didn't include a shameless CAP recruiting spot! Many of you already show your support for Pennsylvania Wing as members of our Legislative Squadron. THANK YOU! You're all welcome to join, as are your key staff members. Representatives and Senators receive the honorary grade of Major, a membership card, periodic updates on Wing activities and an invitation to our annual Legislative Squadron breakfast here in the Capitool. BUT WAIT! That's not all...Legislative Squadron members are authorized to fly in CAP aircraft, visit CAP unit meetings, social events and activities. And it's FREE! All you need to do is complete the CAPF 12L in your packet and return it to Col Fleming or Lt Col Berry. Once you're in, keep you so long as you're in the General Assembly; and you don't have to re-apply once you're a member.

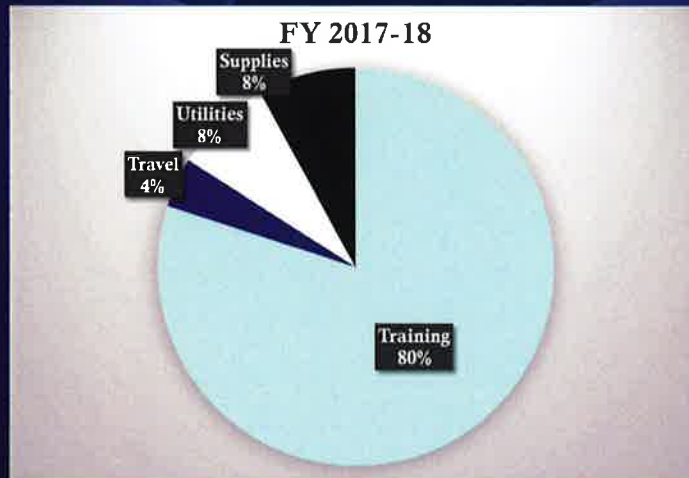


Thanks to the perennial support of the General Assembly, and especially that of the VA&EP Committee Chairs and members, the members of Pennsylvania Wing benefit greatly from the support of the Commonwealth, through its generous state appropriation. And as Commander, on behalf of all our members, THANK YOU! It is very gratifying to have so many good friends and members here at the Capitol. Your support enables us to serve better, to serve well and to do more and more each year!



State Appropriation

PA Wing State Appropriation



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Last year, PAWG invested nearly EIGHTY PERCENT of our \$100,000 state appropriation on training. 4% helped pay for travel for management, administration, inspections and attending events across the Wing. The 8% spent on utilities helps “keep the lights” on at our Wing Headquarters, paying for phones and internet service and facilities expenses such as hangars, repeater sites, and Hawk Mountain Ranger School. The final 8% paid for essentials like stationery, printing, postage, cleaning supplies and the like.



PA Wing State Appropriation



QUARTERLY REPORT					
ORGANIZATION	Civil Air Patrol, Pennsylvania Wing				
CONTACT NAME	Kevin Berry, Lt Col CAP	TITLE	Vice Commander PA Wing		
PHONE	412-603-0138	EMAIL	CV@PAWV.CAP.US		
REPORT DATE	14-Aug-17	Fiscal Year	2016-2017		
REPORT PERIOD	April - June 2017	GRANT #	4100072989		
EXPENDITURES					
BUDGET CATEGORY	AWARD BUDGET	PRIOR QTR AWARD SPENT	CURRENT QTR AWARD SPENT	OTHER FUNDING	AWARD BALANCE
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Travel	\$ 17,991.00	\$ 17,991.00	\$ -	\$ 14,957.00	\$ -

We work closely with the DMVA to provide a quarterly report detailing how PAWG spends our State appropriated funds for each quarter, and cumulatively as the fiscal year progresses.



PA Wing State Appropriation



PERFORMANCE MEASURES				
DESCRIPTION	QUARTERLY DATA		CUMULATIVE DATA	
	QUANTITY	UNIT OF MEASURE	QUANTITY	UNIT OF MEASURE
EMERGENCY SERVICES				
Search and Rescue Missions	7	Missions	11	Missions
Air Defense Training Missions	3	Missions	11	Missions
Non-CAP O-Flights (AFJROTC)	4	Sorties	14	Sorties
Advanced Aircraft Training/Upgrade	15	Pilots	19	Pilots
Training Missions	8	Missions	19	Missions
Counterdrug Operations	4	Missions	7	Missions
DoD Level Exercises	0	Missions	2	Missions

This includes reporting of numeric Performance Measures related to our three mission areas.



PA Wing State Appropriation



OUTCOMES & INITIATIVES

Provide a brief description of the activities, initiatives and expenditures during this quarter:

ES/OPS:PAWG accomplished with a Successful rating the Operations Eval from CAP-USAF. We also provided extensive support to ACA Crosstell, USCG Rotary Wing Air Intercept (RWAI) mission spinup, and the CAP NER Emergency Services Academy. We also began our counterdrug season. Cadet Programs: DMVA Support for Cadet Training Schools (CTS): TAG, DAG & CSM all presented to students. DMVA buses & truck saved CTS more than \$4500 in vehicle rental & fuel costs. Switching food vendors, which allowed remaining in training area, saved us about 2.5 hours per training day. CTS graduates included: Basic Encampment 161, Leadership Development Course 34, Region Cadet Leadership School 17, STEM Academy 11, Honor Guard Academy 2; 122 staff supported CTS comprised of Cadets & Senior Officers. CTS Winter School programs prepared 100 cadets and staff members for CTS Summer Schools. The Wing Conference was a large event that included a large number of cadets that had seminars from several colleges and recruiters from PA ANG. Aerospace Education: Cadet Programs regulations require CAP Cadets to receive 1.5 contact hours per month of Aerospace Education. The Aerospace Education Program for CAP Senior Members encourages adult members to become knowledgeable in aerospace history and education and its importance to our community, state and nation. Senior Members are awarded the Gen. Chuck E. Yeager Award and ribbon for successfully achieving a passing grade on the Yeager exam.

Along with short narratives regarding outcomes and future initiatives. It is my intent as Commander to make certain Pennsylvania Wing is a good steward of the state funds received and more importantly, to provide a meaningful and substantial return on investment for the dollars we receive.



Regular Session 2019-2020

Senate Bill 128

An Act amending Titles 51 (Military Affairs) and 74 (Transportation) of the Pennsylvania Consolidated Statutes, in Department of Military Affairs, providing for Civil Air Patrol; and, in authority of Department of Transportation, further providing for authority of department.

Our thanks to Senator Regan for introducing Senate Bill 128 in this new session. This bill, like its predecessors, codifies the relationship between the Department of Military and Veterans Affairs and Pennsylvania Wing. The bill designates the DMVA as Liaison for PA Wing CAP and for supervision of our use state funds. The bill was reported as committed at the Senate VA&EP's first meeting, Sen Regan's and Sen Williams' first as Chairs, on 29 JAN and is re-referred to Appropriations. On behalf of the members of PA Wing, I appreciate all the support for this legislation to date and look forward to its being sent to the Governor for his signature this session. THANK YOU!



Ladies and gentlemen, we are your neighbors and friends, we are YOUR Total Force partners and very proud to wear the uniform and privileged to stand with you; Pennsylvania Wing Civil Air Patrol is at your service and Semper Vigilans, Always Vigilant! Thank you for your ongoing support of Pennsylvania Wing and for your time and attention here this morning.