



CIVIL AIR PATROL
NORTH CAROLINA WING



Education and Training Newsletter

March 2026

Happy March, North Carolina Wing!

I hope that your education and training in CAP advanced in February and that you have a plan for March. I would like to share a thought from an Absorb class I am currently working on called *L4 Core Values In Action*. One of the readings on self-assessment includes the following line "good leaders are also lifelong learners who have the ability to self-correct when needed." CAP's Education & Training program allows us many opportunities to be life long learners. I have found that adding some discipline in my busy schedule to include the next thing I need to learn serves to build my confidence and skills as a CAP member. "The unexamined life is not worth living." - Socrates

1st Lt William Brown, NC Wing Assistant Public Affairs Officer

In This Edition

- Education & Training Awards
- Specialty Track Achievements
- 2025 Of The Year Awards
- 3D Printed STEM Kits: A New Take on Aerospace Education
- 2026 Summer Encampment
- Education & Training Opportunities
- How To Upload Documents into E-Services



Yeager Award



MAR-NC-023 SM Daniel A Mysiuk
 MAR-NC-048 Capt Hemant Solomon
 MAR-NC-048 SM Muhammad U Ghafoor
 MAR-NC-055 SM Elissa H Hays
 MAR-NC-301 SM John P Sherman
 MAR-NC-305 Capt Thomas V Giguere
 MAR-NC-307 2d Lt Jonathan Soto

Level I Member



MAR-NC-007 SM James A Crowell
 MAR-NC-019 SM Clayton D Pykiet
 MAR-NC-048 SM Alderson Neira Arce
 MAR-NC-048 SM Maximus A Kucherenko-Donovan
 MAR-NC-055 SM Elissa H Hays
 MAR-NC-143 SM Christopher C Bradburn
 MAR-NC-301 SM Ravikanth V Darbha
 MAR-NC-305 SM Michelle R Giguere
 MAR-NC-305 SM Benjamin I England

Volunteers serving America's communities, saving lives, and shaping futures.



CIVIL AIR PATROL

NORTH CAROLINA WING



Level II Davis

- MAR-NC-019 2d Lt Brandon L Tran
- MAR-NC-022 Capt William H White II
- MAR-NC-023 Capt Davidson Good
- MAR-NC-057 2d Lt Leslay M Sutter
- MAR-NC-057 2d Lt Frank A Clark
- MAR-NC-162 Capt James L Javurek



Level IV Garber

- MAR-NC-004 Maj Melissa D Smith

Level III Loening



- MAR-NC-019 1st Lt John D Reed
- MAR-NC-162 Lt Col Michael Garrison

Level V Wilson



- MAR-NC-153 Capt Jenny Fitzpatrick

Specialty Track Ratings Achieved in February

Senior Level

ADMINISTRATION	MAR-NC-004	Maj Melissa D Smith
PERSONNEL	MAR-NC-004	Lt Col Michael J Smith
PROFESSIONAL DEVELOPMENT	MAR-NC-005	Maj William E Bryant
AEROSPACE	MAR-NC-057	2d Lt Liya Beal
INFORMATION TECHNOLOGY	MAR-NC-145	1st Lt David Lister Jr
EMERGENCY SERVICES	MAR-NC-162	Lt Col Michael E Garrison

Technician Level

COMMUNICATIONS	MAR-NC-001	Maj Brent D Wooters
COMMAND	MAR-NC-003	Lt Col Roy W Asbell
HEALTH SERVICES	MAR-NC-022	1st Lt Isabella F Kjaerulff
AEROSPACE	MAR-NC-031	Maj William L Croft
PROFESSIONAL DEVELOPMENT	MAR-NC-048	1st Lt Subodh P Shah
EMERGENCY SERVICES	MAR-NC-121	Capt Mark R Sellin
CADET PROGRAMS	MAR-NC-153	1st Lt Calvin J Williamson
EMERGENCY SERVICES	MAR-NC-162	Capt Ronnie L Hicks
OPERATIONS	MAR-NC-162	Capt James L Javurek





CIVIL AIR PATROL
NORTH CAROLINA WING



North Carolina Wing “Of the year” Awards for 2025.

Presented at Wing Conference February 2026

NCWG Senior Member of the Year	Lt Col Joseph Weinflash
NCWG NCO of the Year	MSgt Ellen Franks
NCWG Cadet of the Year	C/Col Blake Shelton
NCWG Squadron of Merit	Apex Cadet Squadron
NCWG Group of the Year	Group 2, Maj Christine Weber, Commander
NCWG Ground Team of the Year	Franklin County Composite Squadron
Maj Gen Jeanne M. Holm AE Office of the Year	Lt Col Donald Beckett
Frank G. Brewer Aerospace Award	Lt Col Donald Beckett
Aerospace Education Cadet of the Year	C/Lt Col Mark McManaman
AFA Aerospace Cadet of the Year	C/CMSgt Enzo John Ekins
AfSA Outstanding National Cadet NCO of the Year	C/2d Lt Maddox Boose
Lt Col T. Keith Riddle Aircrew Member of the Year	Lt Col Ramond Davis
John V. Sorenson Cadet Programs Officer of the Year	Lt Col Daniel Guadalupe
Maj Gen Dwight H. Wheless Legal Officer of the Year	Capt Brad Jones
George Texido Legislative Officer of the Year	Lt Col Elizabeth Dunster
Col David Kantor Operations Staff Officer of the Year	Maj Michael McCoury
Col Robert V. Payton Public Affairs Officer of the Year	Maj Brent Wooters
NCWG Chaplain of the Year	Maj Todd Cook
NCWG Education & Training Officer of the Year	1st Lt Ian Barnes
NCWG Health Services Officer of the Year	Capt Derek Broadhead
NCWG Inspector General of the Year	Capt Ronald Ross
NCWG Property Manager of the Year	Capt William Mellick Jr.



CIVIL AIR PATROL

NORTH CAROLINA WING



3D Printed Kits, A New Take on Aerospace Education

By: Cadet Lt. Col. Mark D McManaman, MAR-NC-048

I was volunteering at the 2025 Wings Over Wayne airshow when I discovered a problem. I was in a STEM Hangar helping demonstrate various CAP STEM kits. One of the kits on display was a robotic claw. Visitors were invited to use the claw to pick up a small pencil and write with it. While the claw attracted a lot of attention, the task was too difficult for both kids and adults. We wanted the visitors to have fun, but instead they walked away frustrated. How could we improve their experience?



With several years of 3D printing experience, I considered printing something that would make it more accessible and enjoyable. At home, I designed and printed several types of blocks. They were simple shapes, cubes, beams, columns, and washers in various sizes. Depending on how users build with them, the tasks could vary from simple to more complex. I brought these blocks to the next outreach event, where CAP showcased its STEM kits. To my surprise, the robotics claw became an even bigger attraction for both cadets and visitors. Some played with it for as long as 20 minutes. Some kids even returned a few times.

This led me to consider whether other STEM kits can be improved in the same way and whether entirely new kits could be created and 3D-printed.

During my Mid-Atlantic Region Leadership Education and Advancement Program (LEAP) internship, I learned the current process for requesting STEM kits. A squadron's Aerospace Education Officer submits a request through eServices and may wait several months for the kit to arrive. There is also a limit on the number of kits a squadron may receive, based on its cadet membership at the time the request is reviewed and approved.

This process can lead to long wait times and limited flexibility. For example, a small squadron participating in a large STEM event may not have enough kits to support the activity. Likewise, a rapidly growing squadron may not have enough kits to support its Aerospace Education meetings. 3D-printed STEM kits can help address many of these challenges. Files can be downloaded, and kits printed within a few hours. If filament is available, any number of copies can be produced to support activities from small squadron meetings to large public events.

Unlike traditional STEM kits, 3D-printed kits can be open-source and editable, making them highly adaptable. CAP members working with these kits can develop valuable technical skills.



CIVIL AIR PATROL

NORTH CAROLINA WING



3D Printed Kits (continued)

This creates opportunities for members not only to print kits but also to improve them and share their designs with others.

This approach would support the development of an expanding library of on-demand STEM kits. It would also increase engagement by enabling cadets to design new kits and add components to existing ones.

This idea became the capstone project for my LEAP internship. I also submitted it to the Maj. Gen. Mark Smith Innovation Competition, where it earned the Platinum Prize. I had an opportunity to present this idea to a panel that included the National Commander, Maj. Gen. Regina Aye and Maj. Gen. Mark Smith. Although I was nervous, the panel members were supportive and expressed a strong interest in my proposal.



In addition to the manipulatives for the robotic claw, I developed a lunar geography kit. We tested it at the North Carolina Museum of Natural Sciences' 2025 Astronomy Days festival in Raleigh and at the squadron. It was also displayed at this year's NC Wing Conference.

A few days before the conference, my squadron received a Sphero STEM kit. While testing it, I realized that Sphero, while engaging, had a limited ability to interact with its environment. I designed a prototype add-on that allows Sphero to interact more purposefully with its surroundings. This gives users a wider range of engineering challenges to explore. Using a 3D printer allowed rapid prototyping, and I completed a proof of concept in time for the conference. Several cadets at the conference tested this prototype and provided valuable feedback for improvement.

Starting with my squadron, I plan to continue testing these ideas and involve more cadets in designing the kits. I am developing a better way to share 3D files. Finally, I plan to work with other squadrons in the NC Wing to further develop this idea. Ultimately, I envision this to be a collaborative STEM community that benefits cadets and squadrons for years to come.

Cadet Lt Col Mark McManaman was NCWG's Aerospace Education Cadet of the Year for 2025



CIVIL AIR PATROL
NORTH CAROLINA WING



2026 NC Wing Summer Encampment

NC Wing:

We are pleased to announce that the location for Summer Basic Encampment will be at the Marine Corps Air Station Cherry Point, NC. The dates for students will be 18 - 25 July, with cadet and senior member staff arriving on 17 July.

Registration will open for students on Monday, March 2nd on Registration Zone in eServices. There will be more information for cadets and senior members, along with the registration link, via email. Prior to Monday, please be sure that your health profile is properly updated in eServices and your parental links are complete.

Thank you,

Capt Elaine Kaempf





CIVIL AIR PATROL

NORTH CAROLINA WING



Save The Date for MARSAR

WHAT: MARSAR COLLEGE—Mid-Atlantic Region Search & Rescue College

WHEN: 24-26 APRIL 2026

WHERE: FORT BARFOOT, BLACKSTONE, VIRGINIA

Please save the date for this annual, major training event. More details will be forthcoming from our co-directors, Lt. Col. Eric Judy (WVWG) and Capt. Casey Jacobson (VAWG).

2026 Spring Ranger Training Weekend

Spring RTW is being held at Camp Tuscarora in Four Oaks, NC, from March 27-29, 2026. We are offering a comprehensive range of courses including Pre-Ranger, Basic through Advanced Ground Team training, as well as specialized courses in Wilderness First Aid (limited to 24 students), Mission Radio Operator (limited to 10 students), and sUAS Technician (limited to 10 students). A Ground Team Leader Course will also be offered based on registration and instructor availability. For more information, please contact NC Wing Ranger Program Director, Capt Stephen Beal at Stephen.Beal@ncwgcap.org.



Level 5 In-Person Course

Mid-Atlantic Region is hosting a Level V in-person course 18-22 Mar 2026 at Camp Fretterd, Reisterstown MD, open to any senior member who has completed Level IV.

Cost: \$50 to cover coffee, tea, water, classroom snacks and graduation dinner. All other meals are on your own.

Billeting: No charge. Some private rooms and some large, shared rooms ("open bay").

Register in eServices Registration Zone NLT 15 March at:

<https://www.capnhq.gov/CAP.Experiences.Web/Registration/RegistrationDetails?EventID=7767>



CIVIL AIR PATROL

NORTH CAROLINA WING



Wing SAREX / Ops Eval Registration

North Carolina Wing will be holding a Wing Search and Rescue exercise on April 10-11, 2026. This will be a Friday evening and all day Saturday event. The incident staff will kick off the scenario and conduct limited searches on Friday evening and then transition to a full incident on Saturday. Getting good member turnout at this exercise is important since this exercise will also serve as our CAP-USAF Operations Evaluation.

Lodging will be available on site at Wing Headquarters for members wanting to camp or sleep in the building. There are also a number of local hotel options.

Sign ups for incident staff and aircrews are below. Ground teams will be rostered at the squadron level and a separate form will be sent to unit commanders and ESOs prior to the exercise for specific numbers and COVs. Incident staff and aircrews will be notified of assignments prior to the exercise. These registrations are due NLT March 29, 2026.

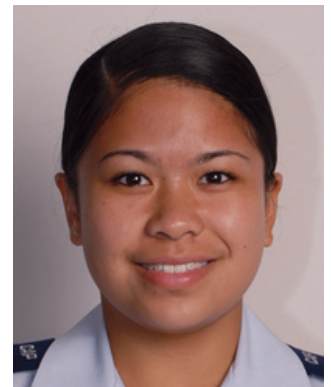
Incident Staff: [NC Wing SAREX / Ops Eval Incident Staff Registration - APR 2026 – Fill out form](#)

Aircrew: [NC Wing SAREX / Ops Eval Aircrew Registration - APR 2026 – Fill out form](#)

Do you have an up-to-date photo uploaded to e-Services? If not, you should! It is very simple. Uploading your photo will allow it to appear on your 101 card and well as your CAP membership card that you receive annually.

There are detailed instructions for taking and uploading your photo located here:

<https://www.gocivilairpatrol.com/members/cap-national-hq/member-services/membership-card-guide>





CIVIL AIR PATROL
NORTH CAROLINA WING



Civil Air Patrol Cadet STEM Workshop Series

NCWG Group 6 Aerospace Education & the Aviation Institute of Maintenance (AIM) in Charlotte are hosting cadets for hands-on STEM and career learning in an instructional environment while working towards your CAP Cadet STEM Basic Badge.

The STEM Workshop Series will include 3 different workshops each offered in the morning and in the afternoon. Each workshop will support 20 cadets, have a theme and a separate challenge coin. Cadets who complete the 3 Session Series will be awarded a special challenge coin for showing completion of the series. These sessions will be offered a couple times every year. Each session will provide 4 hours towards the 12-hour requirement of the CAP STEM Badge and information needed to complete a career dossier.

The sessions offered include (sessions can be attended in any order):

Session 1: Electronics

Basic Electronics

Electronics with Soldering

Avionics Systems

Session 2: Propulsion

Reciprocating Engines

Turbine Engines

Engine Demo and Safety

Session 3: Materials

Sheet Metal & Riveting

Non-Metallic & Composites

Aviation Components

Please click [registration link](#) for full details.

<https://www.capnhq.gov/CAP.Experiences.Web/Registration/RegistrationDetails?EventID=10253>

BASIC INFORMATION:

Morning Program: Saturday Mar 14, 0800 - 1200

Afternoon Program: Saturday Mar 14, 1300 - 1700

Age: 8th Grade, High School and Older Cadets

Cost: \$30/session (for materials & supplies)

Location: 7421 East Independence Blvd Charlotte, NC 28227

Project Officer: Lt Col Tammy Hallihan, CAP, thallihan@ncwgcap.org



CIVIL AIR PATROL

NORTH CAROLINA WING



Airborne Photographer School

NC-082 in Winston Salem is hosting an Airborne Photographer (AP) Ground School on Saturday, 14 MAR 2026. This course is for new AP trainees; those that wish to renew/refresh their AP skills; and those who want to learn more about the role of APs in support of future missions.

DATE: Saturday, 14 March 2026

TIME: 0930 – 1600 local

WHO: Seniors who want to complete AP F&P & current AP's wanting a refresher.

LOCATION: Smith Reynolds Airport Fire Station at 3000 Aviation Dr, Winston-Salem, NC 27105

REGISTRATION is REQUIRED in advance.

If you wish to attend, fill out this online Registration Form:

[Registration Form for Airborne Photographer Ground Class on 14 MAR 2026](#)

You will receive an automated email reply confirming your registration.

REGISTRATION CLOSE: Monday, 09 March, 12 noon est.

Attendees who participate actively will earn credit for all nine (9) Familiarization & Preparation requirements on your AP SQTR.

We will briefly review the Advanced Training tasks but will not grant "APPROVAL" of the Advanced Tasks. Proficiency of Advanced Tasks must be demonstrated during at least 2 air sorties with a local AP SET (Specialty Educator Trainer) on board to fully qualify as an AP. At this time, we do not anticipate air sorties to complete the AP Advanced Tasks.

The class is open to Cadets over age 18.

For questions please reach out to: Maj Jack O'Connor, jack.oconnor@ncwgcap.org

2026 National Conference August 28-29, 2026

Save the date for CAP's National Conference which will take place this August in Kansas City, Missouri. Registration information coming soon!





CIVIL AIR PATROL
NORTH CAROLINA WING



NC Wing CyberPatriot Coaches Camp

NC Wing Seniors,

Are you looking to promote CyberPatriot within your squadron? Do you have cadets that are ready to learn but you don't know where to start? Have you been building a CyberPatriot program but feel you're in it all alone? Then join us for the Annual NC Wing CyberPatriot Coaches Camp, Saturday, May 23rd, 2026 from 9:00am to 4:00pm. Here are some of the topics from this 1 day class:

1. What is CyberPatriot?
 2. How can we start a team?
 3. I'm not in IT or Cyber. How can I help?
 4. What can Seniors do to help a cadet team(s)?
 5. How can I find mentors?
 6. What's the next step?
- ...And many more.

If you are a "seasoned" coach, please join us! This will be a time where we trade ideas, network, and help start more teams from NC Wing and show MAR and National just how awesome NC Wing is in CAP Cyber!

This one day class will be held at NC Wing HQ in Burlington, NC on Saturday, May 23rd, 2026 from 9:00am to 4:00pm.

You will only need to cover travel and meals, there is no cost other for the class itself. We plan to purchase subs for lunch, so please bring cash to cover or bring your own lunch.

Please signup on the form linked below if you plan to attend.

NC Wing CyberPatriot Coaches Camp Signup form: <https://forms.office.com/r/LPsSQeEm9T>

Hope to see you there!

-Capt Roy Vestal
rvestal@nc048.ncwgcap.org



CIVIL AIR PATROL
NORTH CAROLINA WING



New Historian Virtual Course

Historian Fundamentals & Orientation Course 10 Apr 2026

Event Coordinator (POC): 1st Lt Mark J. Struve mstruve@iawg.cap.gov

Event Type: Course, Virtual, Online

Registration Deadline: 30 Mar 2026 23:59 CST

Event Time: 10 Apr 2026 19:00 - 10 Apr 2026 21:30 CDT

Registration Link: [Click here](#)

Description:

This course will cover the fundamentals of being a historian and historical officer in the Civil Air Patrol across four modules: Basics, Annual History, Oral History, and Operationalization. The intent is to build a corps of historians in the CAP capable of leveraging their expertise with command functions and mission integration. Offered by the North Central Region Historian.

Level IV

NCWG will be hosting the moderated modules of level 4. You must have completed Level 3 in order to enroll. One or two modules will be presented virtually at 19:00 on the last Wednesday of the month starting 28 Jan 2026. The last four modules will be offered in-person as a Capstone event at a location central to the greatest number of students on 29-July. There will be a simultaneous virtual option for those not able to travel to the in-person event. You are not required to attend every module but will receive credit only for the modules that you attend. Level IV primarily focuses on expanding leadership skills, program development, and building a more holistic view of CAP. Level IV prepares the member for service as a group or wing-level leader who aspires to serve on staff or as a commander. The Level IV modules provide students with in-depth studies of management, leadership, and communications skills, and show how CAP's missions are accomplished at the group or wing level. Discussions, case studies, and practical exercises are integral parts of the modules. Register now to join our next session on 25 February 2026.

Registration Link:

<https://www.capnhq.gov/CAP.Experiences.Web/Registration/RegistrationDetails?EventID=9129>



CIVIL AIR PATROL

NORTH CAROLINA WING



Hickory Composite Squadron Emergency Services Training Weekend

March 20–22, 2026. Registration Deadline - March 13, 2026

This comprehensive training event is designed to enhance operational readiness, inter-team coordination, and mission effectiveness across multiple response disciplines. The exercise will provide structured, scenario-based missions and hands-on field experience for participating personnel.

Exercise Components Will Include:

- Ground Team Missions – Scenario-based field operations focused on land navigation, search line procedures, clue awareness, and mission documentation.
- sUAS Operations – Small Unmanned Aircraft Systems deployment and aerial search integration in support of ground operations.
- K9 Search Operations – Operational search scenarios utilizing certified K9 in coordination with ground elements. K9 resources will be onsite Sunday Morning only.
- FAM/PREP (Familiarization & Preparation Training) – Structured training designed to help members progress toward GTM3 trainee status, including task sign-offs, hands-on skill development, and qualification preparation.

Event Details:

Dates: March 20–22, 2026

Location: 5065 Sterling Dr, Hickory, NC 28601

All personnel planning to attend must register in advance using the links below:

[HICKORY ES TRAINING SIGN-UPS](#)

[Civil Air Patrol - Registration Zone: Registration Details](#)

Your participation is vital to maintaining operational excellence and mission readiness. We strongly encourage all qualified members to attend.

If you have any questions, please contact 1st Lt Katie Bryant: Katie.bryant@ncwgcap.org



How Do I...

The "How Do I" section contains items and tips that will help members navigate eServices, find information, and provide "I didn't know that" items.

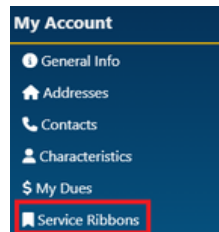
How Do I Enter Activity and Service Ribbons into eServices?

Civil Air Patrol's CAPR 39-3 is the regulation for awarding CAP Medals, Ribbons and Certificates. When you earn an activity or service ribbon, eServices does not automatically enter them into your eServices account. Your activity and service ribbons can only be entered under your personal login. The Uploading Activity and Service Ribbons to eServices Record guide can also be found on the NC Wing Education and Training Resources webpage.

Access your account by clicking your name in the top right area of the main eServices screen.



In the dropdown menu, click on "Service Ribbons"



On the next screen click on "Add Previously Authorized Ribbon"



Enter the Date earned (obtained from your certificate, CAPF 2A or Personnel Authorization). Click on cadet or senior, whichever applies to you. Click on the down arrow to open a dropdown menu. Select the title of the ribbon earned and click "Create". A message will be sent to your commander to verify your ribbon and place it in your permanent CAP record. You must supply your commander with the documentation to support the ribbon unless they already have it on file. Email your commander the CAPF 2A, certificate, or Personnel Authorization you received documenting the award so they can approve the entry.

