



Welcome to the 2023 Maryland Wing Conference

October 27 – 29, 2023

**Maritime Conference Center
Linthicum Heights, MD**





Conference Agenda 10/27/2023

Friday	27 October 2023
1700 - 1900	Registration – Deck A – South Tower – First Floor
1900 – 2030 8 South South Tower	Session hosted by Col Wes LaPre Cadets and Senior Members Welcome <u>Understanding Generational Differences / Improving Squadron Communications</u> Did you know that the Maryland Wing has members that make up 6 commonly identified generations? Learn about the different generations and what makes them "tick" so we can all communicate better. Watch a variety of clips from recent and older movies, showing (good and bad) leadership styles, team building skills. See if you can identify the movie the clip is from, the style or characteristic you saw and what makes it something you should practice or not. <i>(Cadet friendly event – no alcohol please)</i>
2030 – 2300 8 South / South Tower	Hospitality hosted by Col Wes LaPre Cadets and Senior Members Welcome <i>(Cadet friendly – no alcohol please)</i>



Conference Agenda 10/28 – AM

(All breakout sessions in Building 3)

Saturday	28 October 2023
0700 – 0800	Registration – Building 3 – Upper Level – Outside Auditorium
0800 – 0915	Morning General Session – Auditorium
0915 – 0930	Break – Central Break Area
0930 – 1030	Breakout Session 1 (scroll down for details)
1030 – 1045	Break – Central Break Area
1045 – 1145	Breakout Session 2 (scroll down for details)





Conference Agenda 10/28 PM

(All breakout sessions in Building 3)

Saturday	28 October 2023
1145 – 1400	Lunch Program and Awards
1400 – 1415	Break – Central Break Area
1415 – 1515	Breakout Session 3 (scroll down for details)
1515 – 1530	Break – Central Break Area
1530 – 1630	Breakout Session 4 (scroll down for details)
1645 – 1715	Guidon Bearers & Commanders Practice – Chesapeake Dining Room
1715 – 1800	Break
1800 – 1845	Wing Commander’s Reception – Deck Club (Building 2) – Senior Members Cadet Hospitality – 8 South – (Building 2)
1845	Proceed to Banquet – Chesapeake Dining Room
1900	Banquet – Chesapeake Dining Room



Breakout Session 1

0930 – 1030	Facilitator(s)	Location
<p><u>Unveiling the Universe with the James Webb Space Telescope</u> The James Webb Space Telescope (JWST), conceived in the late 1990's and built by over 10,000 dedicated scientists and engineers from NASA, European and Canadian Space Agencies, is the world's premiere space telescope. Since launch on December 25, 2021, it has enabled scientists from all over the world to probe the deepest mysteries of the universe from the planets in our Solar System and those orbiting other stars, to the formation and evolution of stars and stellar systems in our galaxy, to the nature of the myriad galaxies in the local universe, and to the earliest stars and galaxies that inhabited the universe just after the Big Bang. In this presentation, I will briefly highlight some of the amazing discoveries that have been made in only the first 1.5 years of the mission. These incredible results only hint at what we will find over the course of the mission, which is expected to last at least 10-15 years.</p>	Dr. Dean C. Hines	Auditorium
<p><u>STEM Expo with the Cadets of MDWG</u> Hear from the best and brightest STEM competition participants that Maryland Wing has to offer in science fair style presentation. Among those present will be teams from UAS4STEM, Growing Beyond Earth, CyberPatriot and more. Several STEM kits will also be on hand for cadet use.</p>	Cadets of MDWG	A300
<p><u>New Member Acclimation – Navigating eServices, AXIS and WMIRS</u> Joining Civil Air Patrol is exciting – and when it comes to navigating the systems of the organization it can also be confusing. Whether you're new to CAP, supporting the onboarding of new squadron members or simply interested in a refresher, you'll gain a great deal of knowledge and insight from this session. Join the Group Commanders as they take the mystery out of the CAP systems, and share their best practices for navigating eServices, the AXIS on-line Learning Management System and WMIRS. Bring your questions to this informative session.</p>	Lt Col Robert Thompson Lt Col Eric Tiso	A302



Breakout Session 1 (Continued)

0930 – 1030	Facilitator(s)	Location
<p><u>Chesapeake Bay Patrol – Supporting our Summer Homeland Security Mission</u> So, what is Bay Patrol? And why is it a mission of Maryland Wing? Join this session and hear from the Bay Patrol Coordinator about the important work MDWG performs on this critical mission that supports the Office of Homeland Security. You don't need to be an air crew member to support this vital initiative. Every summer, air and ground support, radio operators, and more contribute to the success of this mission. If you're interested in learning more about Bay Patrol, and how you can assist, please be sure to attend.</p>	Capt Joseph Dorffner	A303
<p><u>CAP Website Strategy Update</u> During 2023 / 2024, NHQ is updating their strategy for use of Wing and Squadron websites. This session will discuss the changes and improved brand management and mitigation of security risks associated with CAP's public presence. In addition, the roles and responsibilities of website editors will be discussed, along with information about the updated templates being provided by NHQ.</p>	1 st Lt Anthony Naia	A304
<p><u>Mission Manager and the IAP – Effective SAR Collaboration</u> Are you interested in learning how CAP has applied technology to improve collaboration and enable decentralized incident management? This session will showcase how our Incident Management Team plans and executes Search and Rescue (SAR) missions through our electronic Mission Manager and Incident Action Plan in Microsoft Teams. Join us for this engaging session to begin or enhance your mission experience. No prior mission or SAR experience required!</p>	Capt Dustin Winter	A306
<p><u>The Game Changers of the World – Understanding Emotional Intensity</u> This CDI focused session will address understanding those who are endowed with intelligence and deep awareness but are also more prone to emotional and interpersonal crises. Passionate engagement with life is not an easy path. Those with visionary or insightful qualities are deemed to be misunderstood misfits, however, are the ones who have shown the world the most bravery, tenacity, and love.</p>	Maj Agatha Vogelgesang	A307



Breakout Session 2

1045 - 1145	Facilitator(s)	Location
<p><u>Partnering with your State and Local Officials</u> Every squadron has a need to recognize excellence, and elected officials are among the best resources to encourage and acknowledge the contributions and successes of our members. Attend this session to learn how to create a better relationship with your squadron's state and local representatives. You will be able to discuss ways to engage your State Senator, Members of the MD House of Delegates, County Commissioners, Mayor, Sheriff and other elected officials. In addition to your recognition programs some officials can provide insights to fundraising and other financial grants because of their work with a wide variety of organizations.</p>	Col Wes LaPre Maj Jonathan Ebbeler	Auditorium
<p><u>Train the Trainer – The Next Generation of Leaders</u> A cadet will change roles at their unit every 6 to 12 months. What are the best ways to get them “trained up” for a new role? Lt Col David Trick, Maryland Wing Director of Cadet Programs and 2022 Tri-Wing Encampment Commander, will speak to exactly that! This presentation will be geared towards Phase III and IV Cadets, as well as new Cadet Programs Officers. All attendees can expect to leave with a series of resources to train Phase II and early Phase III cadets how to do best perform their roles in a squadron.</p>	Lt Col David Trick	A300
<p><u>Safety First (and Second and Third)!</u> Everything Civil Air Patrol does has safety at its core – so what better time than today to meet the new MDWG Safety Officer at this very important session. Do you have questions about CAP safety procedures? Are you confident in your completion of the F160s prior to an event or activity? Do you want to learn Safety related best practices? Join in to have your questions answered, learn best practices, and review real world samples of submitted F160s and have your chance to improve upon them.</p>	Lt. Col Raymond Phillips	A302



Breakout Session 2 (Continued)

1045 - 1145	Facilitator(s)	Location
<p><u>sUAS – Piloting from the Ground</u> Small Unmanned Aerial Systems (sUAS) team may be used in virtually all phases of a mission. Their operations are governed by local, state and FAA regulations and laws, as well as by CAP regulations and policies. Those interested in sUAS operations are invited to join this educational session to learn about:</p> <ul style="list-style-type: none">• New FAA remote ID requirements• New CAPR-70-4 sUAS Flight Management updates• Advanced sUAS Training Classes being offered• New sUAS Platforms being introduced <p>Learn how you can get involved and help this important initiative.</p>	Maj Philip Vogelgesang	A303
<p><u>AEO and AEM Town Hall</u> Our Wing is fortunate with robust populations of both Aerospace Education Members (AEM) and Aerospace Education Officers (AEO), but it's not always so easy to compare notes and brainstorm ideas. The interactive Town Hall is intended to be just that kind of opportunity! Bring whatever material you'd like to discuss with your AEO/AEM counterpart and seek common activities or common educational elements.</p>	Lt Col Robert Terry SM Janet Clarke SM Anita Ramalingam SM Melinda Smith	A304





Breakout Session 2 (Continued)

1045 - 1145	Facilitator(s)	Location
<p><u>Demystifying VolU and Training & Education: At the Squadron Level</u> Online cohorts? Onsite classes? Virtual-in-residence? Confused yet? Learn how CAP's Volunteer University works and how you can jumpstart your squadron's education and training program. Presented by Lt Col Brenda Reed, former CAP VolU Provost.</p>	Lt Col Brenda Reed	A306
<p><u>CISM Roundtable</u> The Critical Incident Stress Management (CISM) Team plays a key role, contributing to the overall success of our missions and the total health of those we serve. Join the CISM Team for an information conversation about the MDWG CISM Team activities and training opportunities. This session is open to all (cadets and senior members) who are interested in expanding their knowledge and understanding of this important resource. Join your facilitator, Capt Dustin Winter, as he shares his firsthand experiences from not only the MDWG CISM Team but also his responses as a member of the Maryland State (Region 1) CISM Team.</p>	Capt Dustin Winter	A307





Breakout Session 3

1415 - 1515	Facilitator(s)	Location
<p><u>Leadership for a Life in Aerospace</u> Come learn from Spatz #452 how he leveraged his experience as a cadet in CAP across a 35-year career in Naval Aviation. Col Trick served the U.S. Navy as a civil servant and aerospace engineer for more than three decades, during which he served as chief engineer on multiple programs including the X-49A and Scan Eagle. He became an internationally recognized expert in rotorcraft flight testing on ships. He also worked in several program offices including Aircraft Launch and Recovery equipment, Fire Scout, and H-60. He was the chief engineer for the Naval Aviation Center for Rotorcraft Advancement where he coordinated future technology efforts for rotorcraft. He was also the Chairman of the Industry and Professional Advisory Committee for Aerospace Engineering at Penn State.</p>	Col Larry Trick	A300
<p><u>Pilot Briefing / Nine Principles of Light Aircraft Flying (Part 1 of 2)</u> Following a MDWG Pilot Briefing and update, Join Rich Stowell, Billy Whitburn and Michael Phillips, along with our own Lt. Col. Anthony (Tony) Vallillo for a fabulous session based on the newly released and thought-provoking paper from award-winning Master Flight Instructor Rich Stowell identifying the first principles of light airplane flying. Nine principles are offered, divided into the three categories: Mindset, Motion, and Mechanics. This program is dedicated to CAP pilots who,</p> <ul style="list-style-type: none">• Are motivated to fly by the prospects of autonomy, mastery, and purpose• Have a growth mindset, no matter their level of experience• Aspire to improve their skills with better tips, tricks, and techniques• Want deeper knowledge; to understand better, teach better, fly better <p>The program explores the principles vis-à-vis familiar concepts that stem from them, as well as examples of the principles applied during training. Connections between the principles and representative examples of training content and activities are illustrated as well. Additionally, examples of the progression from the rote level of learning to the correlation level are presented within the framework of the nine principles.</p>	Lt Col Anthony (Tony) Vallillo Rich Stowell Billy Whitburn Michael Phillips	A302



Breakout Session 3 (Continued)

1415 - 1515	Facilitator(s)	Location
<p><u>K9 Rescue Partners and CAP</u> Have you ever wondered how CAP partners with the K9 Search and Rescue organizations during our Search and Rescue missions? Well, here's your chance to gain firsthand knowledge. Come join Chesapeake Search Dogs for this exciting and interactive session – where you can learn skills for partnering with K9 resources. Following a brief classroom briefing you'll proceed outside for real world examples and scenarios. Ground Team Members take note: Participation in this session satisfies your SQTR Task 0401 – Work with Canine Search Teams (sign-offs available).</p>	Capt Joseph Dorffner	A303
<p><u>Can "A or B" become "A & B"</u> This presentation is focused on how substantial overlap, in the physics and engineering for a technology pair serving apparently disparate goals, is often "two sides of the same coin". It's often the case when sustainable "green" energy tech is paired with space exploration tech. I'll emphasize examples for technologies relevant to this pair, but discuss others as well. In the modern laboratory this STEM skill set is often buried in the avalanche of demands for more and more specialization.</p>	Lt Col Robert Terry	A304





Breakout Session 3 (Continued)

1415 - 1515	Facilitator(s)	Location
<p><u>The Use of Technology in the Field</u> The Civil Air Patrol employs a range of technology tools to enhance its emergency services operations, encompassing data collection for Damage Identification, hazard recognition, and wreckage location marking. Through the utilization of readily available devices such as cell phones equipped with the Survey 123 App and the Quick Capture App, our instructors will impart comprehensive training on these tools' diverse functionalities, ensuring your preparedness for field data capture. This course is designed for students to gain hands-on experience in data collection, based on predefined scenarios within the classroom setting.</p> <p>In terms of updates, the transition from SARTOPO to CALTOPO has occurred, with the exclusive use of the CALTOPO URL and the integration of SAR Mode. Participants will receive an overview of the CALTOPO Mobile App for their smartphones, including real-time tracking and map creation features. Furthermore, attendees will learn how to generate maps and share them with others using the CALTOPO Web Interface.</p> <p>The curriculum will also cover a comprehensive review of the various tools and objects at your disposal, along with instructions on modifying map base layers and object feature layers. Lastly, students will acquire the skills to mark objects using the Marker At GPS functionality, as well as initiate and terminate Track Recordings.</p>	Capt Coleman (Cole) Brown Maj Michael (Mike) Zabetakis	A306
<p><u>Chaplain's Roundtable</u> Civil Air Patrol's Chaplain Corps has experienced some enhancements and changes. The Chaplain Corp Reporting (CAPCCAR system) has been retired, and in the past year we've seen several new releases, CAPR 80-1, CAPP40-80, just to name a few. This informational session will include a segment on HC Updates, address the new releases and enhancements, and review other important, ongoing and upcoming CAP HC projects and initiatives. We look forward to your joining this important discussion.</p>	Chaplain Edco Bailey Chaplain Chon Gann	A307



Breakout Session 4

1530 - 1630	Facilitator(s)	Location
<p><u>Color Guard Training</u> Come learn from Maryland Wing's National Cadet Competition team how to train a color guard. This session will consist of a 30-minute session of fast paced academics, laying out all the information and resources that exist to train a color guard, followed by 30 minutes of instruction from the team.</p>	BCC Color Guard	A300
<p><u>Nine Principles of Light Aircraft Flying (Part 2 of 2)</u> Following a MDWG Pilot Briefing and update, Join Rich Stowell, Billy Whitburn and Michael Phillips, along with our own Lt. Col. Anthony (Tony) Vallillo for a fabulous session based on the newly released and thought-provoking paper from award-winning Master Flight Instructor Rich Stowell identifying the first principles of light airplane flying. Nine principles are offered, divided into the three categories: Mindset, Motion, and Mechanics. This program is dedicated to CAP pilots who,</p> <ul style="list-style-type: none"> • Are motivated to fly by the prospects of autonomy, mastery, and purpose • Have a growth mindset, no matter their level of experience • Aspire to improve their skills with better tips, tricks, and techniques • Want deeper knowledge; to understand better, teach better, fly better <p>The program explores the principles vis-à-vis familiar concepts that stem from them, as well as examples of the principles applied during training. Connections between the principles and representative examples of training content and activities are illustrated as well. Additionally, examples of the progression from the rote level of learning to the correlation level are presented within the framework of the nine principles.</p>	Lt Col Anthony (Tony) Vallillo Rich Stowell Billy Whitburn Michael Phillips	A302



Breakout Session 4 (Continued)

1530 - 1630	Facilitator(s)	Location
<p><u>Mass Casualty Response</u> Not if, but when a disaster hits the State of Maryland, how will Maryland Wing resources assist during a Mass Casualty event? Are you ready to participate in the MDWG response? Join this engaging panel and see how CAP members may be tasked to help in a Mass Casualty event, such as hurricanes, flooding, and other events we may face.</p>	Capt Joseph Dorffner	A303
<p><u>Innovations in Squadron Development and Recruiting</u> Learn how you can help grow your squadron by meeting your prospective and current members' needs with "outside-the-box" ideas. Lt Col Brenda Reed, commander of the Granite Cadet Squadron, will share how the unit grew to 100+ members in less than four years. Bring your ideas for the discussion.</p>	Lt Col Brenda Reed	A304
<p><u>The Electronic Search</u> Direction Finding (DF) plays a crucial role in Search and Rescue (SAR) operations by helping locate the source of distress signals, such as emergency beacons, radios, or cell phones. In SAR situations, having specialized DF equipment is valuable, but if you lack this equipment, there are still options and ways to develop DF skills.</p>	Maj Michael (Mike) Zabetakis Capt Coleman (Cole) Brown	A306
<p><u>Joint Communications Session: All Things CAP Comms & Mission Specific Radio Operations</u> Are you a communications enthusiast? Have you ever wanted to become a net control station? Do you want to learn more about Nets, Repeaters and ReadyOp? Interested in how communications contribute to the success of our missions? Join this exciting session that highlights all things "CAP COMM" and learn what you need to know about new Emergency Service certifications being introduced soon. You'll also learn how mission success relies on strong and clear communications – specifically our annual Chesapeake Bay Patrol summer Homeland Security mission.</p>	Lt Col Richard Hoerner Lt Col Michel (Mike) Starr	A307



Conference Agenda 10/29 – AM

Sunday	928 October 2023
0845 – 0900 8 South / South Tower	Worship Service (Ecumenical)
0900 – 1100 8 South / South Tower	Commander's Call
0915 – 0930	Break – Central Break Area
0930 – 1030	Breakout Session 1 (scroll down for details)
1030 – 1045	Break – Central Break Area

