



THE MARYLAND WING SAFETY MONTHLY



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PILOT'S CORNER



The two things you never want to run out of in flight are airspeed and fuel.

Unfortunately, weather and other factors can cause airborne delays requiring the pilot to reevaluate their plans. Piloting, navigating, and evaluating new circumstances simultaneously can significantly tax a pilot. So what is the solution? First, if there is another qualified pilot onboard, give them the controls and instructions on what you want them to do. Safety is increased significantly when all a pilot has to do is fly, which means with that other pilot flying, you are much less likely to run out of airspeed due to saturation and/or distraction. Secondly, since you are now free of manipulating the controls, you can determine the best solution to your problem, but with the understanding you can only do as much with an airplane as the fuel on board will let you do. Sometimes the best solution is to land at a suitable airport and figure things out in that comfortable, no stress environment. That can be especially important if you are the sole pilot in the aircraft. Thirdly, if you remain aloft, do not be afraid to ask for assistance. ATC (which represents the full resources of the federal government), will provide you will all the help you need to bring your flight to a safe conclusion. **Safety in action:** do not panic. Watch speed, altitude, attitude, fuel, and solve one problem at a time. Ask for help if necessary. Land if necessary to ensure safety. In that case you will be surprised how enjoyable a landing can be.



SAFETY IN THE MOVIES

1971's *The Omega Man* was a study in how to remain safe in the presence of constant danger. Careful planning, situational awareness, and preparation were the keys to survival in this sci-fi adventure. Great advice regardless of how many zombies have surrounded you.



HIGH ADVENTURE

Some members are not aware of the definition and additional requirements of high adventure cadet activities. For a thorough review please refer to CAPR 60-2, or to Maryland Wing Safety Bulletin January 22, 2025 for a handy guide. Our library can be accessed at...<https://mdwg.cap.gov/staff-sections/safety>.



THE SAFETY DICTIONARY

PREPAREDNESS—the state of being prepared and ready.

CAPR 160-1 IN FOCUS

160-1 2.4.2.5
Region and wing commanders will



review all open and closed mishaps with their SE at least quarterly, to include the status of open mishaps, mishap trends within their region or wing, and the status of process improvements identified through mishap reviews. When appropriate, the commander will designate emphasis items to be addressed through the Plan, Do, Check, Adjust (PDCA) process (see paragraph 4.2) and include in their Annual Program Review (see paragraph 4.8).



CADET CORNER



Preparedness is an essential part of safety for all functions. Cadet leadership needs to ensure their cadets are fully prepared (equipped and trained), for any event, regardless of the nature of that event. Cadet events are essential for individual growth, advancement in grade and skill level, and unit functionality. But all events must be planned and prepared for carefully.



WISDOM



Wisdom is making the most out of the time available. Spend as much of that time as necessary to ensure safe operations.

We can always learn from the mistakes and misfortunes of others. In light of the recent fires in California, let's carefully consider this advice.

EVACUATION PREP

As the world changes, it is important to be prepared to safely and efficiently evacuate your home, potentially with little or no warning. Preparing ahead of time can help to reduce stress and anxiety, and help you evacuate safely if the time comes.



Save yourself time and stress by preparing an evacuation bag ahead of time, and keep it in an easy to access place. At the end of every season, rotate out the perishable items within such as food, water, and medications. The more you can keep in the bag, the more time you have to grab everything else. Remember, it is okay if you can't do everything. Some preparation is better than no preparation.

CYBER SAFETY

Phishing: Not a relaxing way to spend an afternoon.

You are likely familiar with the concept of internet scams, but I wanted to take a moment to discuss Phishing scams. There has been an uptick in our members receiving these types of scam emails, and it's important that you are familiar with these types of messages to better protect yourself and the Wing.

A Phishing scam uses deceptive emails, messages, or websites to trick individuals into providing sensitive information, clicking malicious links, or make purchases using social engineering techniques. The sender may disguise their email address to impersonate a member of wing, region, or national staff to make it seem more legitimate.

Here are some signs to watch for:

1. **Unusual Sender:** Ensure the sender is contacting you from a recognized email address. Most official emails from wing / region / national staff will originate from an email ending in ".gov", such as "md.cap.gov", "cap.gov", "mar.cap.gov", "capnhq.gov".
2. **Urgent Language:** Be cautious of emails pressuring you to act quickly, such as "Your account will be locked" or "Immediate action required"
3. **Suspicious Links:** Verify that links emailed to you go to the website you are expecting. Do not click on links that you feel could be suspicious. Navigate to a website on your own instead of trusting a link in your email.
4. **Unexpected Attachments:** Do not open attachments from unfamiliar senders. These attachments may contain malware, which could compromise the security of your computer or mobile device.
5. **Requests for Purchasing:** Members of Civil Air Patrol staff will never ask other members to make purchases on their behalf, such as gift cards and cryptocurrency.

Good Cybersecurity practices you can follow to stay safe:

- **Think Before you Click:** Verify the sender before clicking links, opening attachments, or replying to emails. Does the name of the sender match their email address, or is the "commander" emailing you from a group of random letters and numbers at a free email provider such as gmail or yahoo?
- **Report Suspicious Emails:** If you suspect an email might be a phishing or other malicious attempt, report it immediately to the MDWG Information Technology team at ITO@md.cap.gov
- **Use Strong Passwords:** Complex passwords that are not reused across different websites increase your personal security and mitigates an attacker's ability to access other services in the event of a compromise.

Cybersecurity is a shared responsibility. All members from cadets through National Leadership need to be aware of these threats and know how to mitigate them. If you have any questions or concerns, please do not hesitate to reach out to me.

Very Respectfully,

1st Lt Anthony Naia
Maryland Wing Director of IT

