



THE MARYLAND WING SAFETY MONTHLY



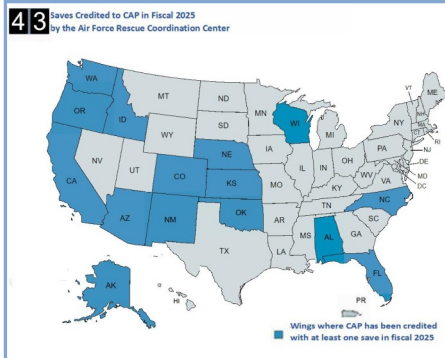
SEPTEMBER 2025

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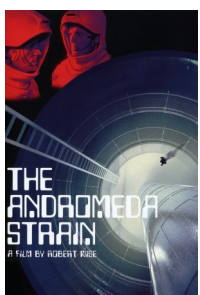


The Safety Way

You have heard it said that Civil Air Patrol is America's best kept secret. One of our "secrets" is our life saving work. With air, ground, and technological resources, CAP has greatly added to the health and welfare of our country through our rescue efforts.



Those efforts, of course, would not be effective without the oversight and inclusion of good safety and risk management practices. All activities, even emergency responses, need to be planned with safety in mind and be subject to continuous risk management. Consider risk management a form of protection for the participants and insurance to see that each mission is successful. Make it your priority...that is The Safety Way.



This 1971 highly-rated techno thriller joins us to a group of scientists attempting to stop an unknown contagion for which the human body has no defense.

As with all safety precautions, the scientists follow carefully-planned procedures and practices to ensure they remain safe while attempting to meet the challenges of the situation. Risk management is in full force, and by this they are able to find the answer and save their lives and the lives of others. It is a safety lesson for all of us.



When safety is first, you last.



THE PILOT'S CORNER

Money is dangerous stuff. Mix that with an anti-authority attitude and it can be deadly. Money represents freedom of choice, but not all choices are wise. For example, a wealthy pilot purchased an aircraft that performs at a level far above their training and experience. When pilots do that it often results of the loss of both the pilot, the aircraft, and maybe others. The person in question was a 99 hour pilot that purchased and flew a very high performance, single-engine turboprop. "It's a single, right!? I just got my license in a single, right?!" He went from a slow, docile Cessna 172 to a Piper M600 single-engine turboprop (three times as heavy, three times the horsepower, more than twice as fast, and will fly three times as high in a very demanding environment). He crashed on his first solo. Fortunately he lived. Along with this foolish decision, it makes me wonder where his instructor/s and aviation friends were. Then again, he was anti-authority. There is something to be said for an attitude of submission toward safety.



PERSONAL HEALTH & SAFETY

Personal safety obviously includes protecting one's health. The Department of Health and Human Services recommends a combination of aerobic exercise, short periods of exercise throughout the day, and strength training. An essential ingredient to all this is the self discipline to maintain the program. In fact, when it comes to safety, self discipline to follow the rules is an essential ingredient in all endeavors. Stay healthy — stay disciplined — stay safe.



NAVIGATING CAPSIS

Chapter 2: Navigating CAPSIS begins with finding it, obviously. Unless you add it to your Favorite Apps list in eServices, it requires a little digging. In the upper left hand corner of the website is a drop down menu. Select Menu, Safety, Safety Information System (CAPSIS), and you will arrive at the home page. The SSOs will be conveniently stacked by date of occurrence. You can open the SSO of your choice by clicking on the Occurrence number (ex: FY25-0000), then you will have arrived. More next month...



SUBTLE PHISHING EXPEDITION

Criminals do not rest. They are constantly endangering our information safety—both for us and Civil Air Patrol. Here is a new one: hackers are modifying URLs by replacing the normal slash (/) with the Japanese character *λ*. Without close and careful examination by the user, the URL looks normal, but if you click on it you will open the door to a variety of malware. Browsers do not distinguish the difference between “/” and “λ”. You and I should.

Phishing vs. Spear Phishing vs. Whaling

Phishing	Spear Phishing	Whaling
Uses mass emails to trick individuals and groups into revealing sensitive information.	Uses personalized emails to trick individuals into revealing information.	Uses personalized emails to trick high-value targets into revealing information.



THE CADET CORNER

It is vitally important that you as a cadet spend your time not only equipping yourself for your current responsibilities, but also for the future as responsible adults. Among the essential tools needed for success is patience. This one virtue has a significant impact on personal and unit safety in that it will keep you from making rash decisions instead of decisions made from proper planning and risk analysis.



Patience helps us resist the negative emotions that come from any kind of hardship. Patience is less about waiting than about attitudes. How do we handle our emotions when things don't go the way we intended?

- Ref: https://www.gocivilairpatrol.com/media/cms/Patience_B94537D3180E2.pdf



CAPR 160-1 IN FOCUS

160-1 2.4.7. Activity Directors: Activity directors for National Cadet Special Activities, wing encampments, and any other CAP activities lasting more than 48 hours will designate an activity SE. The activity SE will be appointed in the planning process to ensure they play a key role on the activity director's staff, guiding RM processes and complying with all regulatory requirements.

CAPR 160-2 IN FOCUS

160-2 6.8.2. Safety Stand Downs. Anytime a wing or region commander decides to suspend operations of a type of CAP mission, or suspend the operations of CAP aircraft or vehicles, based on SSOs or any safety concerns.

MONTHLY REPORTING

Please make sure your unit monthly safety briefing is being recorded in eServices. The monthly briefing is not only required by regulations, but failing to record it effects Wing standing and your SUI. Just follow this path: eServices / Menu / Reports / Safety Information and Reporting System (SIRS) - Reports / Log Safety Education.

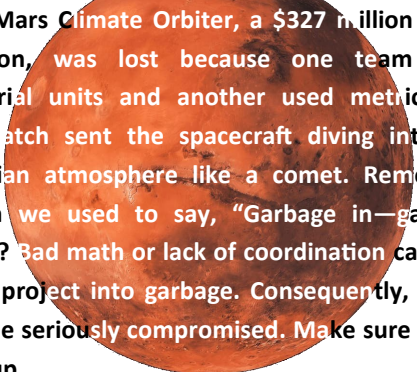


“Safety has to be everyone's responsibility... everyone needs to know that they are empowered to speak up if there's an issue.”

- Captain Scott Kelly.

Your Director of Safety receives phone calls, text messages, emails. You can contact Lt Col Ray Phillips at: rphillips@md.cap.gov / 301-667-9652

ACCURATE MATH IS SAFETY



The Mars Climate Orbiter, a \$327 million NASA mission, was lost because one team used imperial units and another used metric. The mismatch sent the spacecraft diving into the Martian atmosphere like a comet. Remember when we used to say, "Garbage in—garbage out."? Bad math or lack of coordination can turn your project into garbage. Consequently, safety can be seriously compromised. Make sure things add up.

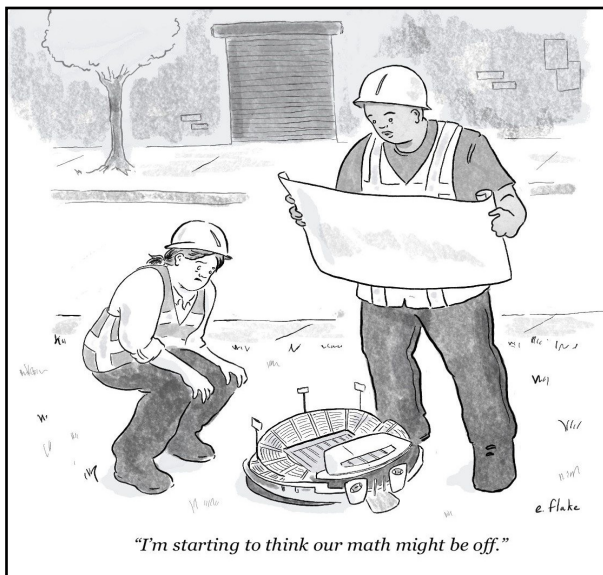
WISDOM

Wisdom requires that we never assume. Better to risk stating the obvious (what seems obvious to you), than assuming activities will be safe. Ask questions and coordinate.



THE SAFETY DICTIONARY

Coordinate—the act of involving the proper relationship or harmonious interaction among functions or parts or CAP members, to ensure operational safety.



TO OUR SENIOR SENIORS: DON'T FALL FOR IT

Understanding fall risks.

Falls are a leading cause of injury among seniors, often resulting in loss of independence. Understanding your personal risk is the first step to prevention. Several factors can increase the risk of falls, including:

★ Medical factors

- **Vision** – Do you have difficulty seeing clearly?
- **Balance** – Do you feel unsteady when standing or walking?
- **Muscle weakness** – Do you have reduced strength or decreased stability climbing stairs?
- **Medication side effects** – Are you taking medications that cause dizziness or drowsiness?
- **Chronic conditions** – Do you have a medical condition like nerve damage, arthritis, or osteoporosis?
- **Cognitive impairment** – Do you have memory loss or experience confusion?

★ Environmental factors

- **Poor lighting** – Is your home well lit?
- **Flooring** – Are your floors smooth and free of clutter?
- **Obstacles** – Are there any tripping hazards in your home?
- **Bathroom safety** – Do you have grab bars in your shower and bathtub?
- **Stairs** – Do your stairs have handrails on both sides?
- **Footwear** – Do you wear shoes with non-slip soles?

To reduce your fall risk, ask your doctor or physical therapist for a comprehensive assessment and personalized recommendations. You can also take steps to modify your home by installing grab bars, improving lighting, and removing trip hazards for added safety.