



THE MARYLAND WING SAFETY MONTHLY



DECEMBER 2023

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The Safety Way

Look around your house, and you'll see things you never even realized have a shelf life. Fire extinguishers, for example, can lose pressure with time. Also, smoke detectors should be replaced at regular intervals. Check the date on those and carbon monoxide detectors too. Bike helmets will degrade after five years. After a few months some cosmetics can grow bacteria—a risk for conjunctivitis. One of our faithful standbys, bleach, gets 20% less effective each year.

And then there is our ubiquitous technology. Some gadgets become safety risks—especially ones with lithium-ion batteries. Any unit with a lithium-ion battery is susceptible to damage over time. For example, old phones sitting in a drawer can start a fire. A man who collected every Samsung flagship phone since 2010 noticed a scary pattern — batteries swelling enough to crack the glass and split the cases even though they were not being used. It is even being suggested now not to charge your EV inside your garage. Auto insurance and NTSB sources have said recently that 4125 electric cars catch fire each year. Some of those fires have occurred in garages and have damaged their associated houses and endangered the occupants and firefighters.

So safety demands that we remain aware of the condition of our equipment and electronics at CAP and at home, and use common sense in the use and storage of said items. That is The **Safety Way**.

PILOT'S CORNER

They say that privately owned boats are holes in the water you put money into. Privately owned aircraft are no different. However, I would suggest we equate preventative maintenance with safety. In the same way, as CAP pilots, do not be reluctant to identify issues with failing or failed components no matter how small they are. In our Wing we recently had a smoke in the cockpit event—all from a light switch. Your attention to detail may save yourself and other CAP members. Also be careful to check on the legality of the aircraft you want to use. Is it still within its required inspection interval?

I read a story of a Cessna 310 owner who did little to no maintenance on his plane. One day right after takeoff he began to experience cascading failures. It was so noticeable to people on the field that, without prompting, the tower called him and cleared him to land on any runway.

Unfortunately, he didn't make it.



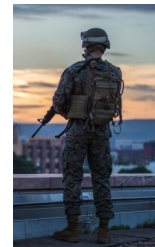
CADET CORNER



TEAMWORK! The great thing about safety is that you have other cadets that can help you maintain the safety standards. Work together to keep each other safe. As we have said before, use your wingman.

Teamwork makes the dream work.

SAFETY AIM



Our safety aim is to remain always on guard against bad safety practices. Bad practices lead to bad habits. Bad habits lead to a bad safety culture in an organization.

UNSAFE PRACTICES LEAD TO AN UNSAFE CULTURE

WISDOM

Be especially careful of the habits you form and practice. If they are unsafe they will eventually lead to disaster.



THE SAFETY DICTIONARY

PRACTICE— habitual or customary performance or operation.



Give yourself and your loved ones the gift of **Christmas Safety**. Please remember to be cautious with ladders, extension cords, overloaded household circuits, dry trees, and open flames. Practice safe kitchen practices while cooking and avoid food spoilage. Be a defensive driver but don't drive if not necessary. Moderate food and beverage intake. And don't fry a turkey indoors (not kidding).

HAVE A SAFE AND MERRY CHRISTMAS.



CAPR 160-2 IN FOCUS

CAPR 160-2 28 December 2022

5.3.3. Implementing/completing accepted and revised mitigating actions applicable to their area of responsibility and authority

5.4. Safety Officers. Safety Officers (SE) in a duty assignment are responsible for:



5.4.1. Assisting members in safety notification and reporting to ensure all required information is provided to appropriate leadership and properly recorded in CAPSIS.



5.4.2. Assisting assigned review officers in conducting safety reviews and properly recording the information in CAPSIS.

5.4.3. Assisting commanders and other functional leadership (DO, AMO, CP, etc.) in implementing/completing mitigating actions.

5.4.4. Monitoring the implementation/completion status of mitigating actions where their region or wing is identified as the OPR.

5.4.5. Assign review officers in accordance with Section 7.1.

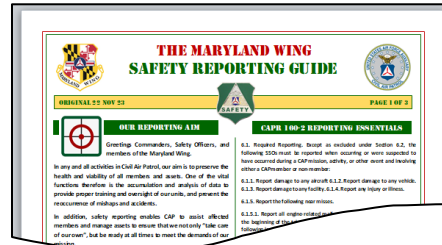
PROPER AND TIMELY MAINTENANCE EQUALS SAFETY FOR ALL USERS.



SAFETY REPORTING



The Maryland Wing website Safety Section is undergoing improvement. Along with a continuously updated CAPF 160 Library, we now have a Maryland Wing Safety Reporting Guide to assist you in timely and accurate incident reporting. This includes CAPSIS guidance, Maryland Wing reporting requirements and references, CAPR 160-2



essentials, and other items of interest. As with the other publications, you can find this ready reference at: <https://mdwg.cap.gov/staff-sections/safety>, under the banner Monthly Safety News and Training.



Please emphasize to your people the necessity for consistent and timely safety reporting. Let's keep our people harm free. Thank you for all you do.



CAPR 160-1 IN FOCUS

160-1.1.4.1.2. Member participation at every level is an integral component of mishap prevention. All members, including cadets, are expected to be actively engaged in RM during the planning, preparation, execution and post-activity review of all CAP activities.



SAFETY IN THE MOVIES



World War II and the efforts of the USAAF were still fresh in everyone's memory in 1949. Aside from the fact that this movie was one of the great historical

epics, its filming came almost immediately after the war which made it quite technically correct. As a consequence, we can discern much of the safety efforts taken to protect the bomber crews in the midst of a the very dangerous flying environment. Safety began with training and then ongoing duty performance evaluations. That is because one crewmember's performance always effects safety of the entire crew. Add to that continuous aircraft maintenance and repair, careful flight planning including weather and enemy capability, medical care, and a myriad of personal equipment to protect the flyers in sky, become part of their overall safety shield.

Report All Near Misses



Checking A **Near** Thing Can Prevent The **Real** Thing!