



The Latest from the Naval Safety Center

MAY 2017

eBLAST

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Summer safety memo from the Secretary of Defense

In his April 14, 2017 Memorandum, "Preserving the Force," Secretary of Defense Jim Mattis, expressed the need to "leverage every available tool to prevent injuries ..." Below is the memo in its entirety.

From Memorial Day through Labor Day, many of us will face increased exposure to hazards at home and on the job. Warm weather and longer days combine for greater opportunities to travel, play sports, and enjoy recreational activities of every kind. As leaders, we must prepare ourselves and engage our people to ensure we exercise sound judgment and focused leadership to lessen the vulnerability of our uniformed and civilian workforce to unique summertime hazards. One loss is too many. The preservation of our force is a national security imperative.

While the actions you took last year resulted in fewer losses than the year before, we still lost 59 noble warriors to a variety of fatal mishaps, primarily motor vehicle crashes and water-related activities. Therefore, I challenge you to build upon your excellent efforts from last year to continue this downward trend. To safely enjoy an active season this summer, each of us must learn and heed those lessons painfully and gleaned from past mishaps. The personal use of known best practices such as proper diet and sleep hygiene, responsible use of alcohol, regular physical exercise, and driving without distraction will help ensure all are prepared to tackle the critical work of defending the Nation. Uniformed and civilian personnel alike must leverage every available tool to prevent injuries as well as the loss of valuable material and equipment.

The opportunity to lead this department is humbling, and I am truly honored to serve the world's finest military, civilian personnel and their families. Thank you for your selfless service to the Nation and enjoy a safe and healthy summer season!

New digital 360°SAFE magazine now available online



Our newest flagship magazine, 360°SAFE, is now live on <http://safety.navalive.dodlive.mil>. Together with the digital format of Approach, Mech and Sea & Shore, 360°SAFE brings you safety information that supports fleet operational priorities. We will continue to bring you feature stories, Bravo Zulus, and lessons learned in Approach, Mech and Sea & Shore.

Our transition from print to digital is a work in progress and we appreciate your patience. We will leverage

electronic and social media to give you quicker access to each current issue, printable articles and past issues. You can still find current and archived issues on our website: www.public.navy.mil/navsafecen/pages/media/mag_index.aspx. Let us know what you would like to see on our online pages by emailing us your feedback and questions to safe-mediafdbk@navy.mil.

Hot Topics and Trends



Summer Safety Presentation

Here comes summer, and for many in the fleet this means warm weather! Before you rush off for whatever fun-filled activities you have lined up, let us help you make this year's summer activities fun and mishap-free. The presentation includes Naval Safety Center statistical overview of summer 2016 fatalities as well as tips and resources. The 2017 summer safety presentation is now online. If you have questions about the presentation, please contact the Media and Public Affairs Department at safe-mediafdbk@navy.mil or (757) 444-3520, ext. 7870.

DOWNLOAD ►

Seasonal Safety Resources

The summer season is almost here! Prepare for your safety standdown by using resources available from our military service counterparts and other safety agencies. We want to hear about your ideas for safety resources. Email us at safe-mediafdbk@navy.mil. **BROWSE** ►

We Want Your Stories!

Our media surveys consistently show that readers like articles written by their peers, and they like to read about true-life events and experiences. Your effort keeps others from having to learn the hard way. Send us your stories about lessons learned and best practices. We also want your input, feedback, and comments. Send your letters, opinions, viewpoints, and suggestions to safe-mediafdbk@navy.mil.

SUBMISSION GUIDELINES ►

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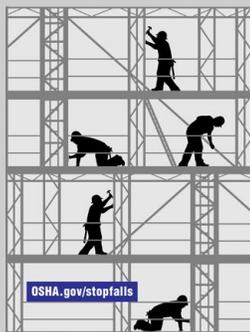
Environmental control system's update for F/A-18G

The F/A-18 fleet support team has identified the eight environmental control system (ECS) components to pursue for ECS reset, plus ThermoCouple Innovations Inc. (TCI) sensors (although TCI sensors are currently not available). The approach philosophy is to maximize creation of kits while continuing to meet the current fleet demand rates for the components that make up the ECS reset kit. The ECS reset also represents high-priority update of acceptance test procedures, specifically for cabin safety valve and cabin pressure regulator. Improvements to the test port pressure test, as outlined in the DoD Interactive Electronic Technical Manual procedures, are also in work to support the ECS reset effort.

The TCI sensors AFB-794 inspect for older sensors and requires removal/replacement with the new and improved sensors. Initial delivery of 50 new TCI cabin temp/flow sensors (A-D) will be no later than July 2017. The production lot test was successful and 13 cabin temperature sensors were shipped to the fleet via the Navy supply system this past March. An additional 250 (75 per month) sensors are scheduled to be available in October 2017. The TCI avionics temp/flow sensor (A-D) initial delivery date will be no later than August 2017. ThermoCouple Innovations Inc. can only produce one type of sensor at a time (cabin or avionics), so the production line will switch back and forth between sensor builds.

Don't fall! Weeklong standdown raises awareness

According to the Occupational Safety and Health Administration, fatalities caused by falls from elevation continue to be a leading cause of death for construction employees, accounting for 350 of the 937 construction fatalities recorded in 2015 (Bureau of Labor Statistics data). Those deaths were preventable. The National Fall Prevention Standdown from May 8-12 will raise fall hazard awareness across the country in an effort to stop fall fatalities and injuries. Information about the standdown on the OSHA website includes resources, free regional events, certificate of participation, social media infographics, and videos to assist employers with talking directly to employees about safety. The OSHA website also offers information on **HOW TO CONDUCT A SAFETY STANDDOWN**.



Employees
45-54
years old
are the most likely to die from a **fall** while working in construction

BLS data 2015

IS YOUR EMERGENCY PREPAREDNESS KIT READY? The Ready Navy website offers information and resources to help you prepare for emergencies. For more information, please call (202) 433-9348, DSN 288-9348 or email readynavy@navy.mil.



Preparedness Empowers You!

It saves lives, property, and time.

Emergencies happen, often with little or no notice. By taking action beforehand you can be prepared for any emergency.

Be Ready Navy. I am. Are you?

UPCOMING EVENTS



To spread the word about our safety programs and risk-management resources, the Naval Safety Center analysts, subject-matter experts and public affairs specialists take to the road promoting safety awareness. We hope to see you at these upcoming events. [Booth] indicates we will have an exhibit.

► MAY 8-12: National Safety Standdown to Prevent Falls in Construction

This fall prevention effort, in conjunction with the North American Occupational Safety and Health Safety Week, is an opportune time for employers, associations, and employees to set aside time to have open discussions about falls and how to prevent them. The National Fall Prevention Standdown is not limited only to construction industry trades. Many stakeholders within the construction industry as well as general industry and governmental entities join this event each year. This is the sixth year of the Construction Fall Prevention Campaign and the fourth year of the National Fall Prevention Safety Standdown. For more information, visit www.osha.gov/StopFallsStandDown.

► MAY 15-18: Naval Helicopter Association Symposium 2017 – Multi-Mission Superiority

Attendees gather valuable information about rotary wing aviation. The Naval Safety Center Deputy Commander, CAPT John Sipes, will be presenting a safety briefing. Take a moment to attend his session and stop by our exhibit booth. **Visit the NHA website.** [Booth]

► JUNE 1: Safety Center Change of Command

Commander, Naval Safety Center, will have a change of command on Thursday, June 1, 2017. More information to follow.

► JUNE 13: Annual Safety Month Event

The National Safety Council has designated June as National Safety Month. The Naval Safety Center will join the Facilities Services Directorate's Occupational Safety and Health Branch at the Pentagon for its annual Safety Month event on Tuesday, June 13, from 10 a.m. to 1 p.m. in the Second Floor Apex 9/10. The theme of this year's event is "All in for Safety" and OSHB will provide information about fire prevention, office safety, emergency preparedness, and distracted driving. Safety Center personnel will be in attendance to share safety-in-design accomplishments and offer risk-management information and answer questions. [Booth]

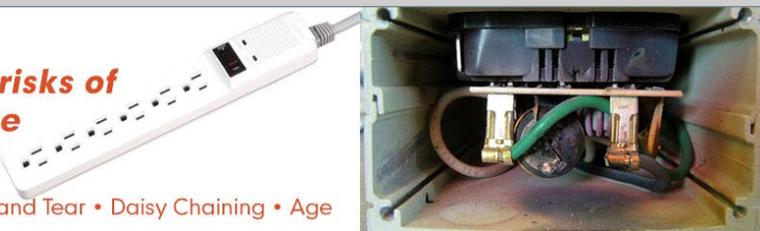
Daisy chained surge protectors catch fire

A Navy command submitted a report of surge suppressors catching fire and emitting smoke. The command is leasing a building off base. The building was experiencing transformer issues at the time. Although there is no evidence, maintenance was being performed on the transformer at the time of the fire. The maintenance could have caused a spike in voltage which resulted in the smoke and fire. The base fire department praised the command for their fast actions in securing power and calling 911. Fire Investigators determined that the surge suppressors were old and that some were daisy chained. This is not the first time daisy chained surge suppressors have been involved in a fire. The fire investigators suggested replacing all the older surge suppressors. They don't last forever.

Surge protectors are rated in joules, and this tells you how much protection they're designed to provide. For example, you might get a 1,000 joule surge protector. This is a measure of a total amount of energy a surge protector can absorb before the protection wears out and it stops absorbing any extra voltage. Every power surge your surge protector absorbs decreases the amount of future joules it absorbs, if that 1,000-joule surge protector takes a 1,000-joule hit, it's done for. But it's also done for if it takes 10 100-joule hits — or if it takes 1,001 joule hits. It's all cumulative.

Know the electrical risks of using surge protectors

Joules • Wear and Tear • Daisy Chaining • Age



Surge protector lifespans aren't measured in years; they're measured in joules. It's all about how many joules your surge protector has absorbed. But the older your surge protector is, the more it's likely degraded. Over time a surge protector is going to wear out. Some will give you a warning when they do. Many won't. If you've had a serious electrical event (like lighting blew out a transformer down the street), it's probably worth replacing your surge protector just in case.

Safety Professionals, supervisors and employees are reminded that surge suppressors can catch fire and that daisy chaining bypasses the surge suppressor's ability to trip off in the event of a power surge. There is no specific timeframe identified for surge suppressor replacement. It is suggested that commands conduct an additional one-time inspection of surge suppressors to determine if the surge suppressors should be replaced because of age.

For more information on power strips and dangerous daisy chains, download the document "**Fast Facts**," published by the Office of Compliance, or visit www.compliance.gov for more safety topics.

FAST STATS:

- All conductors and equipment must be approved by OSHA (29 CFR §1910.303(a)).
- OSHA's electrical standards require that listed or labeled equipment be used or installed in accordance with any instructions included in the listing or labeling (29 CFR §1910.303(b)(2)).
- OSHA's electrical standards require that outlet devices have an ampere current rating not less than the current load to be served (29 CFR §1910.304(b)(2)).
- The NFPA reports that wiring, switches, and outlets caused an annual average of 280 electrical fires, and \$11 million in direct office property damage between 1999-2002.

PRODUCT RECALL ADVISORY



Battery chargers for XBOX ONE video game controllers are being recalled by Performance Designed Products due to burn hazard.

PRODUCT NAME: Energizer® XBOX ONE 2X Smart Chargers

HAZARD: The battery chargers can overheat and damage the XBOX ONE video game controller, posing a burn hazard to consumers.

Consumers should immediately stop using the recalled battery chargers and contact Performance Designed Products to return the chargers for a full refund.

CONSUMER CONTACT: Performance Designed Products at 800-263-1156 from 10 a.m. to 4 p.m. PT Monday through Friday, or online at www.pdp.com and click on Safety Recall for more information.

DESCRIPTION: This recall involves Energizer® XBOX ONE 2X Smart Chargers used to charge XBOX ONE video game controllers. The chargers are black plastic and measure about 3.5 inches long, 5 inches wide and 11 inches tall. "Energizer®" is printed on the charger's label. Item number 048-052-NA is printed on the bottom of the chargers. The chargers hold up to two XBOX controllers.

SOLD AT: Best Buy, GameStop and other stores nationwide and online at Amazon.com and other online retailers from February 2016 through February 2017 for about \$40.

For more on this recall, visit the **Consumer Product Safety Commission** website.

Did you know?

In 2015, the Safety Center switched from conducting safety surveys to safety assessments. Read the article "**Prevent and Predict**" in 360°SAFE here.

- ▶▶ Our aviation assessment team visited 101 aviation squadrons, commands and subordinate commands in FY 2016.
- ▶▶ Also in FY 2016, our teams assessed 81 ships, submarines and dive lockers.

Read more about safety assessments in the inaugural issue of 360°SAFE.