



Safety+Health

Newsletter



National
ELECTRICAL
Safety Month

SAFETY **Culture**
in the Workplace



MAY is
**BETTER
HEARING
MONTH**

INCORRECT **MAINTENANCE MANUAL PROCEDURES**

May 2025

CONTENTS

02 National Electrical Safety Month

AMTs must prioritize safety and remain vigilant when working on aircraft electrical systems and avionics components. Use insulated tools when required.

04 Mental Health Awareness Month

Mental health awareness plays a crucial role in reducing stigma, encouraging early intervention, and fostering empathy and understanding.

06 Safety Culture in the Workplace

"Safety is our top priority." We're fully committed to ensuring the safety of both our customers and employees. But is it, really?

12 May is Better Hearing Month

Life can be noisy, and each sound that reaches your ears that is more than 80 decibels has the potential to damage your hearing. Protect yourself.

14 Incorrect Maintenance Manual Procedures

Incorrect maintenance manual procedures can create safety hazards, damage equipment, and cause accidents. Be diligent and report any errors.

15 Upcoming Events

PPE Roadshow





National ELECTRICAL Safety Month

Electrical safety is very important in aircraft maintenance. A problem with an electrical system can cause serious accidents. Therefore, aircraft maintenance technicians (AMTs) must know and follow electrical safety protocols.

First, AMTs should understand the dangers of working with electrical systems. Risks include electric shock, burns, and fires. To reduce these risks, technicians must follow safety protocols and wear the right personal protective equipment (PPE), such as insulated gloves and safety eyewear.

Besides PPE, AMTs need to use special tools for electrical work. For example, insulated screwdrivers and pliers can help prevent electric shocks and short circuits. It is important to check tools and equipment regularly to ensure they are safe to use.

Proper training is crucial for ensuring electrical safety. Technicians should learn about the specific electrical systems they will work on and general safety procedures. This training should include knowing how these systems are designed, how they operate, how to handle electrical parts safely, recognizing dangers, and responding to electrical emergencies. Good training can help reduce the risk of damage to aircraft and injuries to personnel.

Proper grounding is a critical aspect of electrical safety. AMTs must ensure that all equipment is properly grounded before working on electrical systems to prevent electrical shocks and fires.



M&E 99-2500-0-0033
CPN **KIT8385**
Electrical Insulated Tool Kit



Created in 2016 by the LMSM Safety Committee

Using lockout/tagout procedures is essential to ensure safety when working on aircraft electrical systems. These procedures involve using tags that indicate that electrical power should not be applied to the aircraft. Signs should be placed in the cockpit, near the external power connector, and documented in the aircraft logbook.

Additionally, AMTs must remain vigilant when working on electrical systems. They should be aware of hazards such as exposed wires or damaged components and take appropriate steps to mitigate risks. It is also important to be aware of their surroundings, especially in the presence of potential ignition sources like fuel or other flammable materials.

AMTs must prioritize safety while working on aircraft electrical systems and avionic components. By following established safety protocols, wearing the appropriate personal protective equipment (PPE), using the right tools, receiving sufficient training, understanding electrical systems, grounding equipment properly, checking tools regularly, and being mindful of their surroundings, maintenance personnel can prevent electrical accidents and ensure their own safety as well as that of their colleagues. □

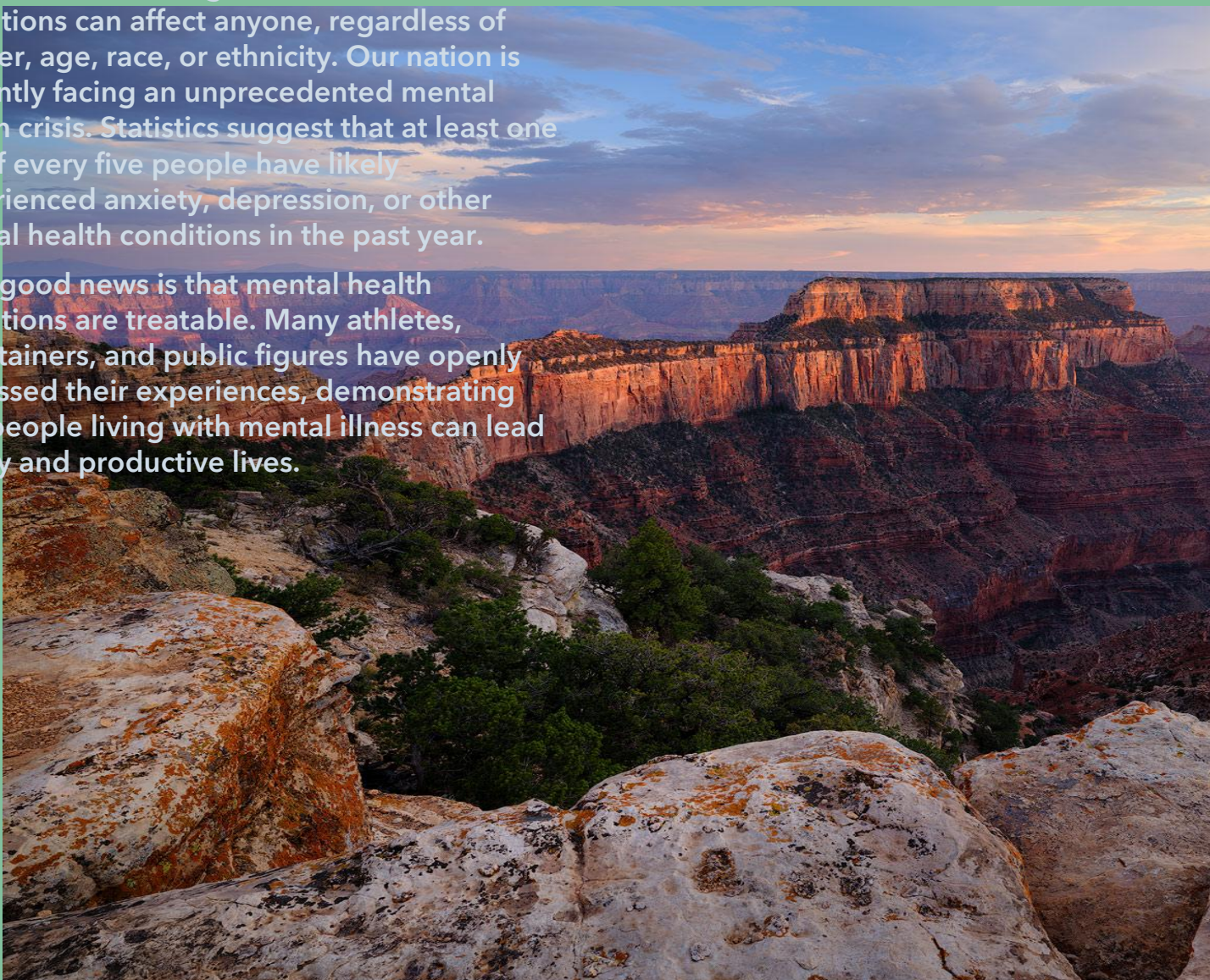
STAY ALERT!

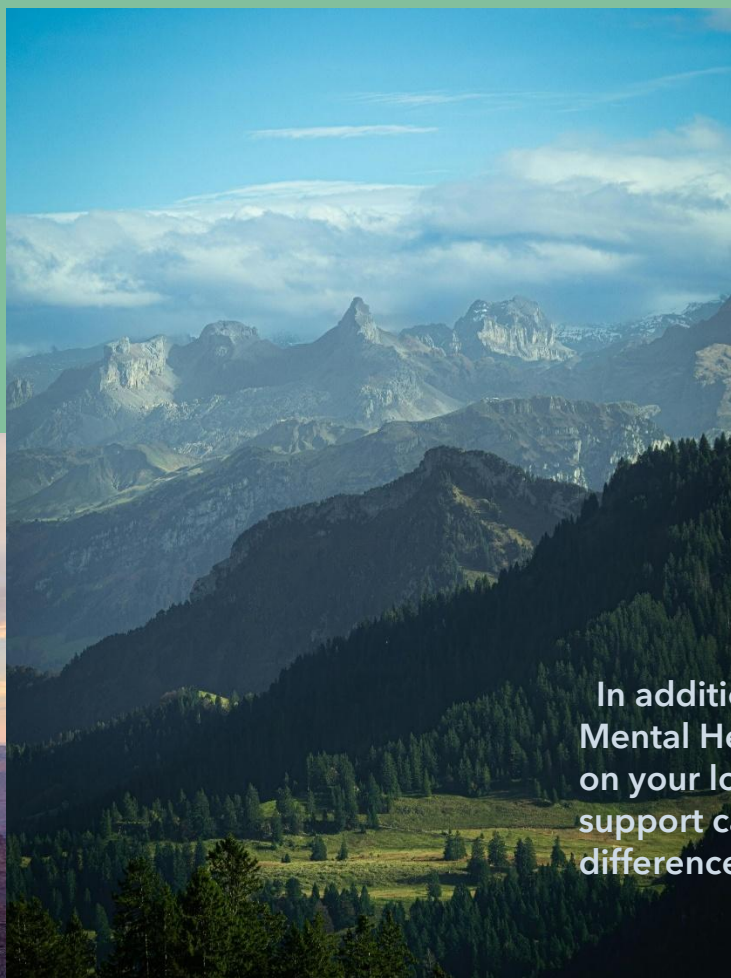




May is Mental Health Awareness Month, which serves as an important reminder of the significance of mental health and its impact on our overall well-being. Mental health conditions can affect anyone, regardless of gender, age, race, or ethnicity. Our nation is currently facing an unprecedented mental health crisis. Statistics suggest that at least one out of every five people have likely experienced anxiety, depression, or other mental health conditions in the past year.

The good news is that mental health conditions are treatable. Many athletes, entertainers, and public figures have openly discussed their experiences, demonstrating that people living with mental illness can lead happy and productive lives.





Engaging in conversations about mental health helps normalize these discussions and encourages others to seek help. More individuals are prioritizing their mental health alongside their physical health and embracing self-care for overall well-being.

This is vital, as caring for mental health can enhance physical and emotional health, improving productivity and resilience. However, self-care varies for everyone; some may find exercise and sleep effective, while others might benefit from support groups or therapy.

In addition to focusing on your own self-care this Mental Health Awareness Month, consider checking in on your loved ones. Simply listening and providing support can make a significant—and even lifesaving difference for someone living with mental illness. □





Safety is Our Top Priority

Safety vigilance does not solely rest with maintenance programs or management teams; it lies primarily with Aircraft Maintenance Technicians (AMTs). Currently, AMTs are not recognized as equal safety partners alongside airlines, manufacturers, and regulators. We need to be acknowledged as the experts we are, which will allow us to take a proactive approach to safety rather than the usual reactive response.





SAFETY Culture in the Workplace

The culture of safety within the airline industry has been on the decline. Although air travel has maintained an impressive safety record over the past decade, it has become increasingly easy to overlook legitimate warnings. The reality is that airlines now prioritize pleasing their shareholders and increasing profits over ensuring safety, particularly when the safest options may be too costly.

We don't have to look far for examples. Boeing's safety culture has been under scrutiny in mainstream media for years, as the company works to regain trust with its 737 Max series aircraft.

Meanwhile, Airbus faces its own challenges in Europe, as they have informed airlines that hundreds of A320neo aircraft will be grounded in the coming years to investigate a rare but serious production issue with Pratt & Whitney's Geared Turbofan engine series.

Perceptions of safety culture within an organization can vary significantly depending on whom you ask. Upper management will confidently assert that the safety culture is excellent from their comfortable offices, distanced from hands-on work activities. In contrast, aviation maintenance technicians (AMTs), who are on the frontlines executing the work, will likely offer a very different perspective.

Upper management plays a crucial role in shaping the safety culture, as their decisions have top-down implications. Poor safety cultures often stem from profit-driven agendas. Many upper-level managers create safety threats that focus solely on financial outcomes, which then trickle down to the AMTs.

This can result in excessive pressure, stress, and fatigue for those technicians, leading to

A weak safety culture in the airline industry, where prioritizing safety isn't a top organizational value, can significantly increase the risk of accidents and injuries.



procedural deviations such as not following documented procedures, using unapproved methods, skipping steps, or taking shortcuts.

The recent increase in injuries and aircraft damages underscores a fundamental risk in safety. This issue is not about the specifics of individual incidents but rather concerns the overall safety culture. Unfortunately, we have been here before.

In the past, the safety culture within the airline industry was proactive, anticipating risks rather than waiting for negative outcomes to investigate, learn, and implement necessary changes.

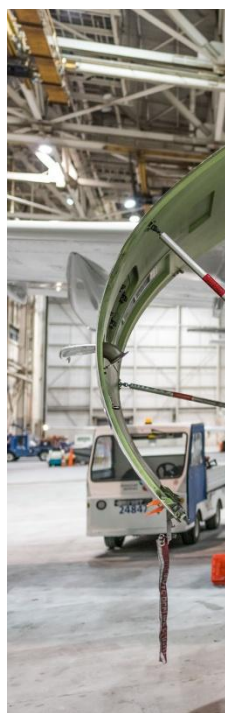
Today, however, a poor safety culture has become the norm in many workplaces where everything is considered acceptable until a serious

incident occurs. At that point, organizations tend to overreact by introducing more policies, which often fail to address the root causes of the problems.

Airlines often only comply with the bare minimum safety standards, such as providing personal protective equipment (PPE), instead of actively working to eliminate or reduce hazards.

This responsibility frequently falls on employees, who must take measures to protect themselves and report any violations.

A weak safety culture can lead to significant negative consequences for any organization. One of the most immediate risks is an increased likelihood of accidents, such as complacency, underreporting of issues, and failure to address potential hazards,



creating unsafe working conditions that can lead to serious injuries or fatalities.

This environment also negatively impacts employee morale, fostering fear, distrust, and a sense that their well-being is not valued. As trust in management erodes, employees may hesitate to report safety concerns, fearing retaliation or inaction.

This reluctance can further lead to resistance against new safety initiatives and a lack of buy-in from employees and leadership. Additionally, ineffective communication and limited transparency



prevent the timely identification and resolution of safety issues, while insufficient resources and inadequate training further hinder the implementation of effective safety programs.

Ultimately, a culture discouraging open reporting and proactive safety efforts places employees and the organization at significant risk.

I'm sure most everyone has heard the familiar phrase, "Safety is our top priority." Our company is fully committed to ensuring the safety of both our customers and employees. But is it? Recent reports indicate a concerning pattern of airlines not complying with safety protocols.

The situation worsens when managers resort to the threat of sending employees home, firing, and bullying team members into adopting a culture of secrecy that prioritizes efficiency over safety and well-being. This permanent pursuit of efficiency and productivity has only increased these safety concerns during the last few years.

However, sometimes economic pressures and other factors can disrupt safety in the work environment. This raises an important question: Is there currently a problem with safety culture?

The answer is yes, and addressing this issue requires strong leadership. It is essential to have someone in upper management with a back-



ground in safety and/or hands-on aircraft maintenance.

This individual can provide valuable safety-related input for senior leadership decisions that may negatively impact safety.

It's important to note that many upper management lack experience in safety management and have little practical knowledge of working on aircraft. As a result, their decisions often focus more on production than the safety implications of those choices.

Moreover, if those in leadership positions are not held accountable for their actions, this mindset permeates the organization, fostering a culture of indifference.

Effective leadership is crucial for making necessary investments, integrating information, and collaborating with frontline employees and unions.

It's not only about adhering to regulations; it's also about understanding the basic principles of a safety-first culture in every operation, decision, and situation.

There is simply no room for compromise when it comes to safety. □





Sustained exposure to high-decibel noise levels is a primary occupational hazard. The intense sound levels experienced on the tarmac from aircraft engines and equipment can cause both temporary and permanent hearing damage.



MAY is **BETTER HEARING MONTH**

Hearing is one of our most vital senses, yet it's often taken for granted. For over 75 years, May has been recognized as Better Hearing Month. This month-long campaign offers an opportunity to publicly highlight the daily challenges faced by individuals with hearing loss, as well as the various support solutions available to prevent hearing loss and maintain healthy hearing.

Hearing loss is often mistakenly believed to only affect older adults; however, individuals of all ages, from infants to the elderly, can experience hearing difficulties.

Physicians and researchers agree that several factors contribute to the development of hearing loss. These include heredity, chronic exposure to loud noises, certain medications and chemicals, as well as earwax blockages, all of which can impact a person's ability to hear well.

According to the National Council on Aging, untreated hearing loss has been linked to numerous other health complications, such as arthritis, diabetes, hypertension, depression, anxiety, and even Alzheimer's disease and dementia.

Hopefully, through education and campaigns like Better Hearing Month, the use of hearing protection will be considered no different than wearing eyeglasses. □



INCORRECT **MAINTENANCE MANUAL PROCEDURES**

How often have you completed a job only to find that the maintenance manual is incomplete or incorrect? Do you instinctively know how to perform the task correctly? Consider what happens if a mechanic with less experience in this issue, or who is fatigued or under pressure, encounters the same situation. Will they be able to identify the error in the maintenance manual and reach the correct conclusion? The answer is, not always.

It is everyone's responsibility to identify errors in the maintenance manual and bring them to the attention of your crew chief, management, and engineering to ensure safe outcomes.

When reviewing the latest revision of a maintenance manual, you'll often find that the reasons for the revisions include clarifications, procedural changes, lubricant alternatives, and a variety of other adjustments made by professionals like yourself. Be diligent and share your knowledge. □



UPCOMING EVENTS

MAY
01

Heat Stroke Prevention Day

This day focuses on raising awareness and preventing heatstroke, particularly in children, by reminding parents and caregivers about the dangers of hot cars, including children getting trapped in an unlocked vehicle, being forgotten, or being left mistakenly or intentionally.

MAY
11-17

National Women's Health Week

This week marks an annual event aimed at raising awareness about women's health issues, encouraging preventive screenings, and promoting healthy lifestyle choices. It is a time for women to prioritize their physical, mental, and emotional well-being, as well as to discuss their healthcare needs with their providers.

MAY
01-31

National Water Safety Month

Water is an attraction during the summer months. We're drawn to lakes, rivers, beaches, and public pools, as well as water slides, so safety is a necessary concern. Practice water safety. Visit www.nationalwatersafetymonth.org for more information.

MAY
13
15

PPE ROADSHOW

MCO

TPA



Safety+Health
Matters!

Got Feedback?

Suggestions on Safety topics in upcoming Newsletters?

Email: Safety@local591.com