

SAFETY MEMO

TO: ALL AAE STAFFS

DATE: 06/09/2024

REFERENCE: AAe/SMS/SM/15/2024

SUBJECT: Missing of Hangar 77 Cooper Earth Strip & Alert Actions

INTRODUCTION:

It has come to Safety Office attention that Hangar 77, located at roof top lighting strike pole Cooper Earth Strip, has been reported as missing. This is a significant issue that requires immediate attention and corrective action to prevent further occurrences. The missing of a lightning strike pole Cooper Earth Strip, particularly Hangar 77 roof top, could have several serious implications. Below is an analysis of the potential impacts:

Incident Details:

- **Location:** Cooper Earth Strip
- **Hangar:** Hangar 77 – Roof Top
- **Date of Incident:** 06 Sept 2024

1. Safety Risks:

- **Increased Vulnerability to Lightning Strikes:**

The primary function of a lightning strike pole Cooper Earth Strip is to protect structures and equipment by safely channeling lightning energy into the ground. Without the Cooper Earth Strip, Hangar 77 and nearby structures are at higher risk of being directly struck by lightning. This could lead to severe damage, fires, or even explosions, especially if flammable materials or sensitive electronics are housed within the hangar.

- **Risk to Personnel:**

The absence of the lightning strike Cooper Earth Strip increases the risk to personnel working in or near Hangar 77 during thunderstorms. Direct lightning strikes can be life-threatening, making it a critical safety issue.

2. Operational Impact:

- **Temporary Shutdowns:**

To mitigate the risk of lightning strikes, operations near Hangar 77 may need to be temporarily halted during inclement weather, leading to delays and disruptions in scheduled activities.

- **Damage to Assets:**

If a lightning strike occurs and damages aircraft, equipment, or infrastructure within the hangar, it could lead to significant operational setbacks. Repairs or replacements could result in prolonged downtime.

3. Alert Phase.

- Please avoid the area around Hangar 77 roof top until further notice. We are assessing the situation and implementing safety protocols to ensure everyone's protection.
- Be Vigilant: If you notice anything unusual or have any information that could assist in the investigation, report it to the safety office immediately.
- After Work Hours: Ensure that all non-essential electrical equipment and systems are properly shut down at the end of each workday. This includes lights, computers, and any other electrical devices that are not required to remain operational.
- Weekends: Before leaving on Fridays or before extended breaks, make sure to perform a full shutdown of all non-critical electrical systems. Confirm that all equipment is turned off and disconnected from power sources as applicable.

4. Conclusion

The missing lightning strike pole at Cooper Earth Strip, especially Hangar 77, poses significant safety, operational, financial, and reputational risks. Addressing this issue promptly is critical to mitigating potential damages and ensuring the safety of both personnel and assets. Implementing preventive measures and ensuring compliance with safety standards will help protect the organization from these risks.

Thank you for your cooperation.



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