LIGHTNING STRIKE PROTECTION
Solutions for composite applications
To maximize new generation aircraft performance, composite materials have replaced aluminum alloy in many structures. However, this change poses real challenges in the area of electrical conductivity, as composite is much less conductive than aluminum.

Ensuring proper lightning strike protection of composite structures can be difficult, especially considering that fuel tanks are located in airplane wings.

To avoid serious in flight safety issues, regulations now require aircraft manufacturers to provide redundant protection systems against potential hazardous electrical effects.

In order to offer the safest and most reliable solutions, our products are based on interference fit installation. The interference fit provides intimate contact between the conductive areas and structure. Which firstly, avoids plasma and creates a preferential conductive path for the current to flow through the structure. These solutions eliminate any arcing and plasma risk at the source, rather than adding extra barriers to contain sparks and outgassing.

LISI AEROSPACE have gained much experience in this field and propose a dedicated product range with unique technologies:

**SLEEVE TAPER-HI-LITE™ SYSTEM**
- Mature technology
- Indirect interference fit
- Full composite or hybrid structure
- Easy installation, even in the most restricted areas

**PULL-IN™ AND PULL-STEM™ SYSTEM WITH HI-KOTE™ STRIPES COATING**
- New coating technology
- Direct interference fit
- Hybrid structure
- Easy installation

Complete range of head styles, diameters from 3/16” to 1”, to fit with your requirements.

Refer to our specific brochures to know more about our products.