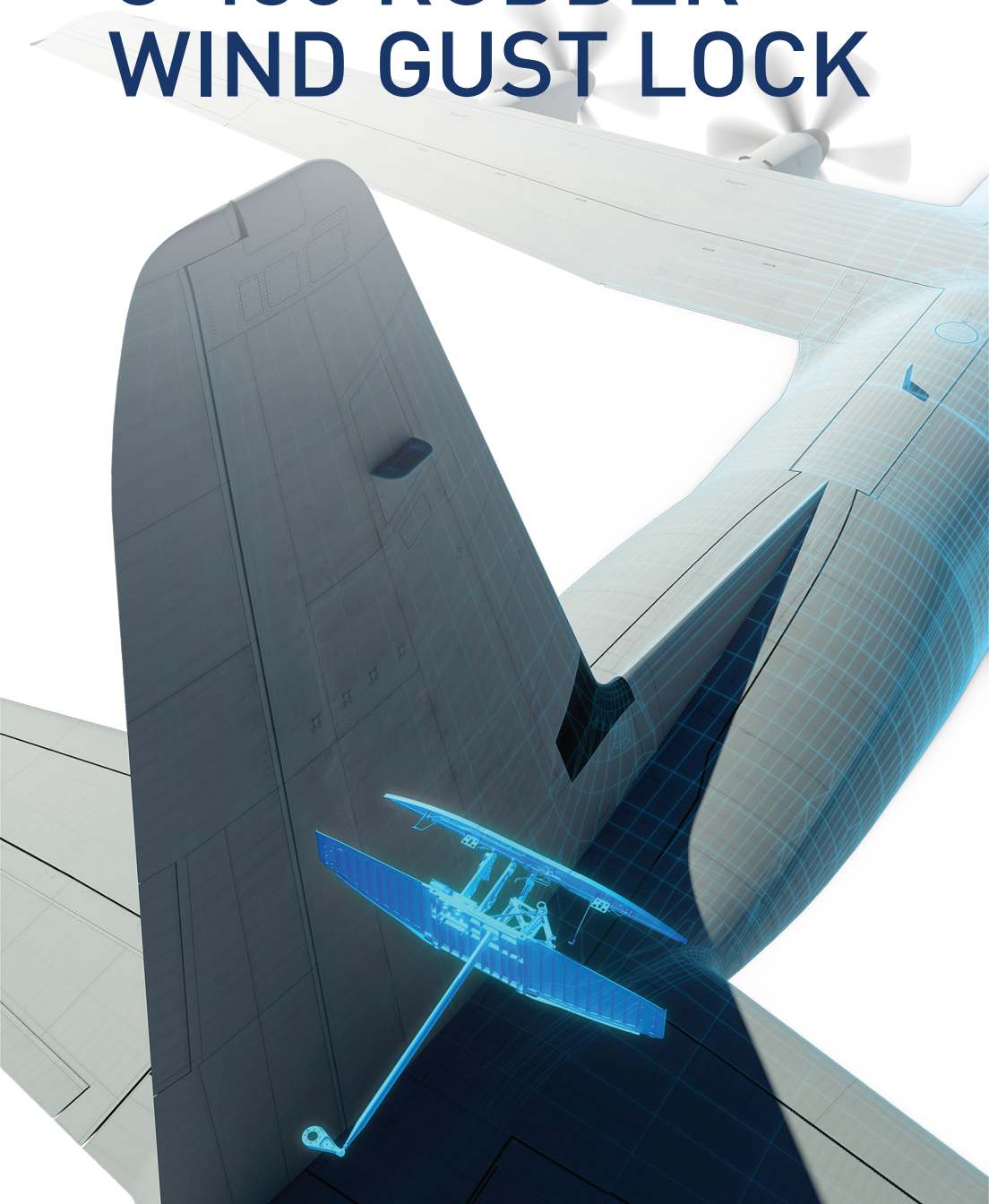


**LOCKHEED MARTIN** 

# C-130 RUDDER WIND GUST LOCK



# C-130 Rudder Wind Gust Lock

- The C-130 rudder and control system can be susceptible to wind gust induced damage while the aircraft is inactive. Incorporating the Rudder Wind Gust Lock is a cost effective solution to reduce the risk of significant wind induced rudder control system damage.
- Lockheed Martin has designed a Rudder Wind Gust Lock device that is easily activated from within the aircraft during mooring. The Rudder Wind Gust Lock consists of a modified rudder push rod end bearing and locking mechanism that will react rudder gust loads on the aft pressure bulkhead. The kit also includes rerouted hydraulic tubes to accommodate the Rudder Wind Gust Lock design.
- The Rudder Wind Gust Lock incorporates a mechanical fuse which the pilot can override if the lock is inadvertently left engaged before flight, or if extreme wind gusts exceed its design limits. When not in use, the rudder lock is placed in its stowed position.
- The Rudder Wind Gust Lock kit is applicable to C-130H/J/L-100/LM-100J\* aircraft and may be installed by the operator at home base or during other convenient maintenance downtime. The kit includes hardware, installation locating tooling and installation instructions.

*\*C-130H/J aircraft compatibility has been verified. Legacy aircraft compatibility may require aircraft inspection and validation.*



**RUDDER LOCKED**



**RUDDER LOCK STOWED**

*Product availability subject to USG export regulations.*

For more info, contact **AMMM Customer Support Center**  
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