



## C-130 HERCULES LIGHTWEIGHT ARMOR

# QINETIQ

### LAST Armor® LWA (Lightweight Armor)

LAST Armor LWA delivers superior safety, advanced features, dramatic weight savings, and reduced lifecycle costs, making missions safer, aircraft more efficient, and budgets more sustainable.

#### Safeguarding Aircrew and Mission Success

- ✓ Aircraft in conflict zones face small-arms fire risk during takeoff and landing.
- ✓ LWA Armor protection shields the crew and critical cockpit systems.
- ✓ Proven in combat and humanitarian operations globally, LAST Armor LWA boosts crew confidence and mission success.

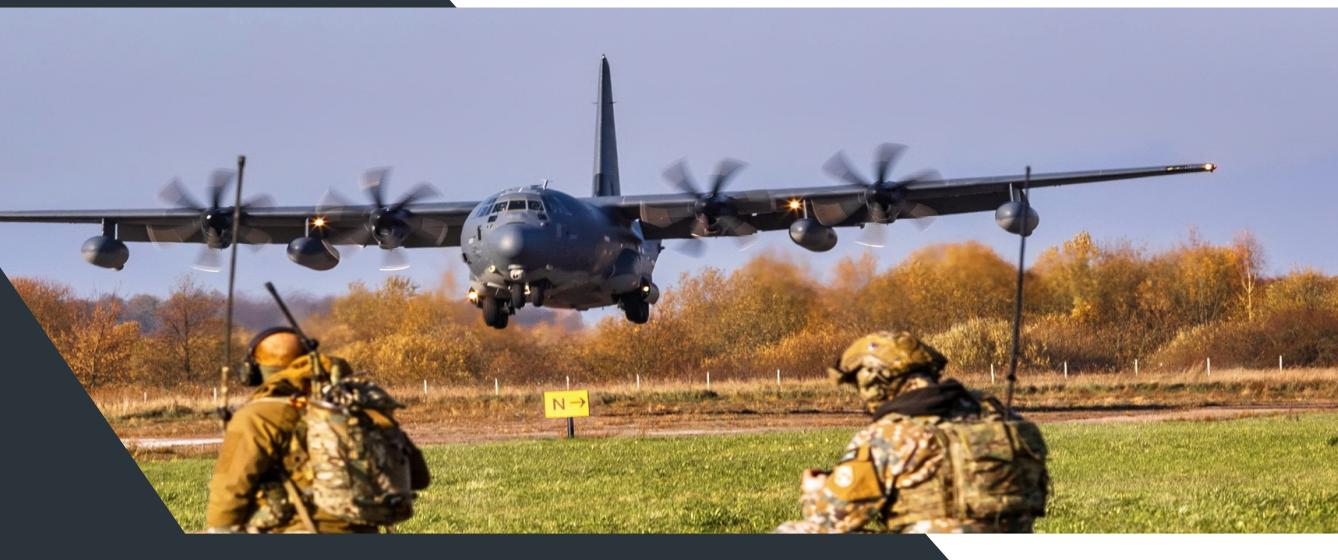
#### Superior Protection

- ✓ Provides life-saving protection to aircrew
- ✓ Maintains mission-critical avionics safety
- ✓ Offers multi-hit capability superior to brittle ceramic legacy systems
- ✓ Minimal back-face deformation for enhanced survivability.

### LAST® Armor LWA – Key Features

- ✓ **Role-fit Design:** Tool-free installation minimizes downtime and maximizes aircraft availability.
- ✓ **Interchangeability:** Panels can be swapped between aircraft of the same configuration.
- ✓ **Modular System:** Damaged panels can be replaced individually in the field, avoiding full system replacement.
- ✓ **Proven Attachment:** Proprietary hook-and-loop attachment-no additional airframe holes needed; 5x stronger than commercial systems.
- ✓ **Fast Installation:** LWA installs in 1 hour with 2 people or 2 hours solo.





## Weight Savings and Cost Advantages

### Lightweight Innovation

- ✓ LAST Armor LWA is up to 50% lighter than legacy ceramic armor.
- ✓ Improved aircraft center of gravity and fuel economy.
- ✓ Minimal impact on cargo capacity, freeing up space for mission payloads.

### Cost & Maintenance Benefits

- ✓ Legacy systems require **20,000+ tile replacements annually**, driving high recurring costs.
- ✓ LWA panels are **extremely durable**, only replaced after ballistic impact.
- ✓ Covers last longer, reducing downtime and replacement expenses.
- ✓ Result: **minimal recurring costs** and **maximum mission readiness**.

## Ready to upgrade your fleet's protection?

Contact MHD-ROCKLAND to discuss your C-130 requirements.

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**NEXT-GENERATION PROTECTION FOR THE C-130 HERCULES:**  
*Ensuring Crew Survivability. Maximizing Mission Availability.*

