



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.

