



photos: IAI

Ultralight Transparent Armor for Helicopters Pilot's Seats

Leading Supplier of Transparent Armor for Military and Security Forces Worldwide.

When it comes to saving lives and protecting critical systems, OSG's lightweight transparent armor delivers battle-proven protection.

The Threat: Helicopters are exposed to ground-based weapons and sniper fire ranging from small arms to heavy machine guns. This puts crew and cargo in harm's way.

The Challenge: To provide ballistic protection for helicopter Pilot's Seat while maintaining low weight, night vision compatibility, customization for platform and mission, and high visibility for pilot situational awareness.

OSG's Pilot's Solution:

CERALITE add-on Pilot's Seat Transparent ballistic protection Add-On kit:

- protects Pilots against ground-based weapons and sniper fire while enhancing
- visibility.
- Boosts pilot performance with an **added level of protection** and a clear view for enhanced situational awareness.

Ultra lightweight protection,
with a 40-60% reduction in
weight compared to traditional
transparent armor solutions

Add-on flexible design
adaptable to any helicopter or
light aircraft

**Protection against all levels of
ballistic threats**



**High-performance increased
multi-hit capability**

Increased pilot visibility

Tested for ballistic
performance, environmental
resistance and fire-smoke-
toxicity (FST)

Compact and cost-effective

Transparent Armor of the Future, Available Today

CERALITE armor is OSG's newest ultra-light solution developed in co-operation with CeramTec of Germany to defeat ballistic threats defined by NATO Standardization (STANAG), US Army-TACOM (Armor/ Transparent Purchase Description) ATPD-2352 and other recognized global protection standards.

About OSG

If it's glass, OSG provides it. From transparent armor for defense, security or civilian markets to glass for rail and heavy equipment or automotive and architectural glass, OSG is an established world-leading developer and manufacturer.

OSG's leading edge solutions address the continually emerging threats to helicopters and low-altitude airborne platforms.



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