



CHIN WINDOW



SEAT / SIDE WINDOW



Transparent Armor for Helicopters Cockpit Protection

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 transparencies while maintaining low weight, customization for platform and mission, aerodynamic performance and high visibility for pilot situational awareness.

OSG's Chin and Pilot's Seat/side Window Solution:

CERALITE add-on Transparent Armor kit

- Protects crew, critical systems and cargo against ground-based weapons and sniper fire while enhancing visibility.
- Boosts pilot performance with High level of protection and 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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