

HIGHLY CONFIDENTIAL



JENSEN AEROSPACE & DEFENSE

Next-Generation Platforms for Warfighter Superiority

"Where Creativity, Innovation and Design Take Flight"

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🕒 Q2 2026

FROM CONCEPT TO COMBAT-READY

FULL-SPECTRUM ODM CAPABILITY

JENSEN Aerospace & Defense (JAD) is an Original Design Manufacturer (ODM) specializing in advanced aerospace and defense solutions — covering the complete development lifecycle from original concept through engineering, architecture, manufacturing, and full-scale production.

JAD operates in strategic partnership with **TNG Sovereign Group**, leveraging the TNG Cloud Engine — an advanced photonics-based AI platform — to accelerate development of next-generation defense technologies.

01



END-TO-END ODM

Original concept design through engineering, architecture, and full-scale manufacturing production.

02



AEROSPACE & MATERIALS

Advanced aerospace engineering utilizing proprietary materials science, including Gi-THD and titanium alloys.

03



DIRECTED ENERGY

Next-generation weapon systems ranging from handheld tactical devices to space-based platforms.

04



AI INTEGRATION

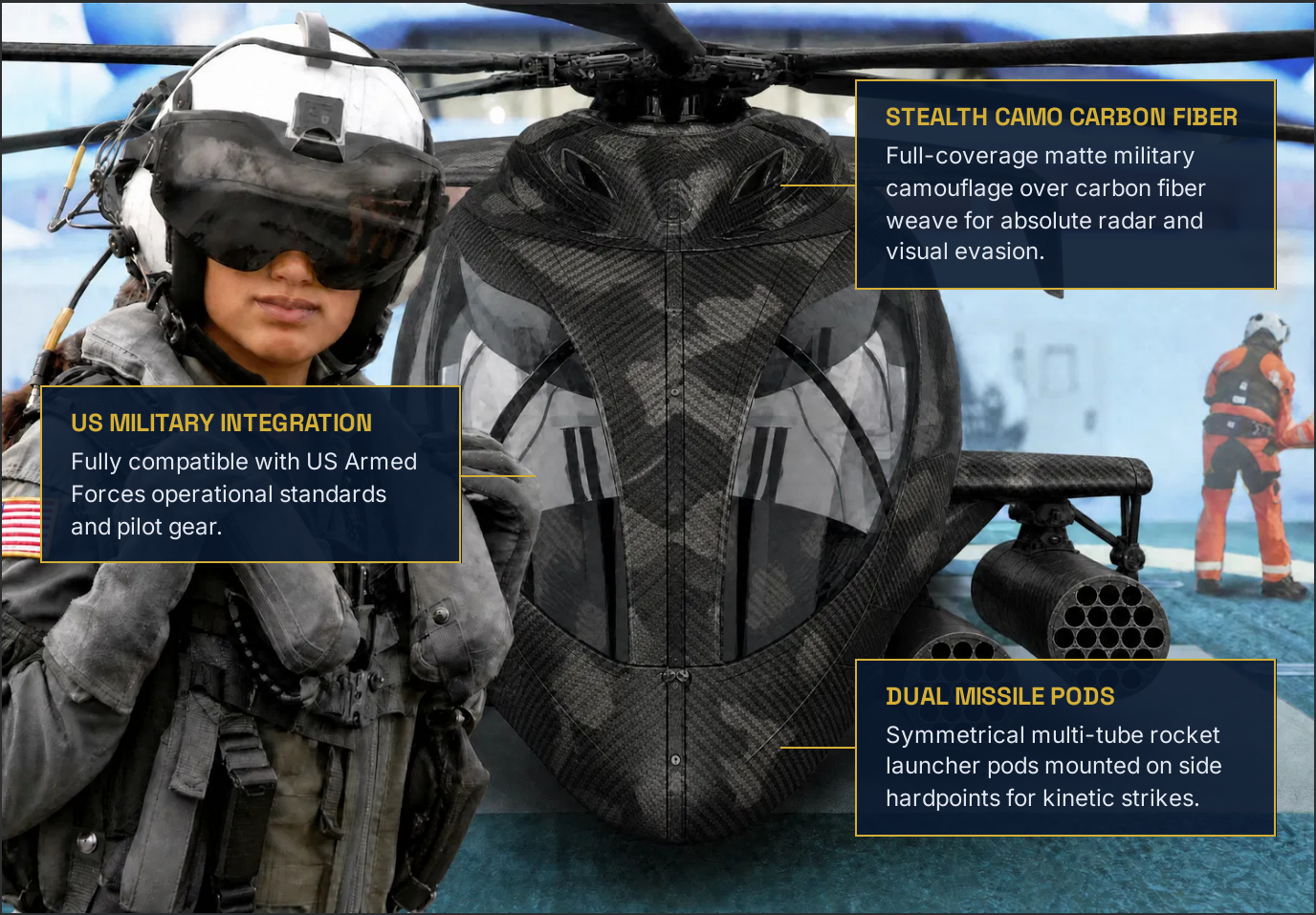
AI-integrated targeting, situational awareness, and advanced photonics-based solutions.

WORLD'S FIRST EV DIRECT ENERGY WEAPON ATTACK HELICOPTER

ZERO FUEL, UNLIMITED RANGE

The VIPER-XDE is the world's first fully electric, direct energy weapon-capable attack helicopter, powered by TNGSG MagDrive technology. It delivers unmatched operational range, stealth, and lethality while eliminating fuel logistics.

RANGE / SPEED	2,000 NM / 760+ Knots
FUEL REQ.	Zero — Fully Electric
PRIMARY WEAPON	2,500 lb MASER DEW Pod
FIRE ARC	360° × 180° simultaneous
TARGETING	Sub-meter precision at 30k ft
NOISE SIGNATURE	87 dB (Ultra-quiet stealth)
MAINTENANCE	85% fewer parts than legacy



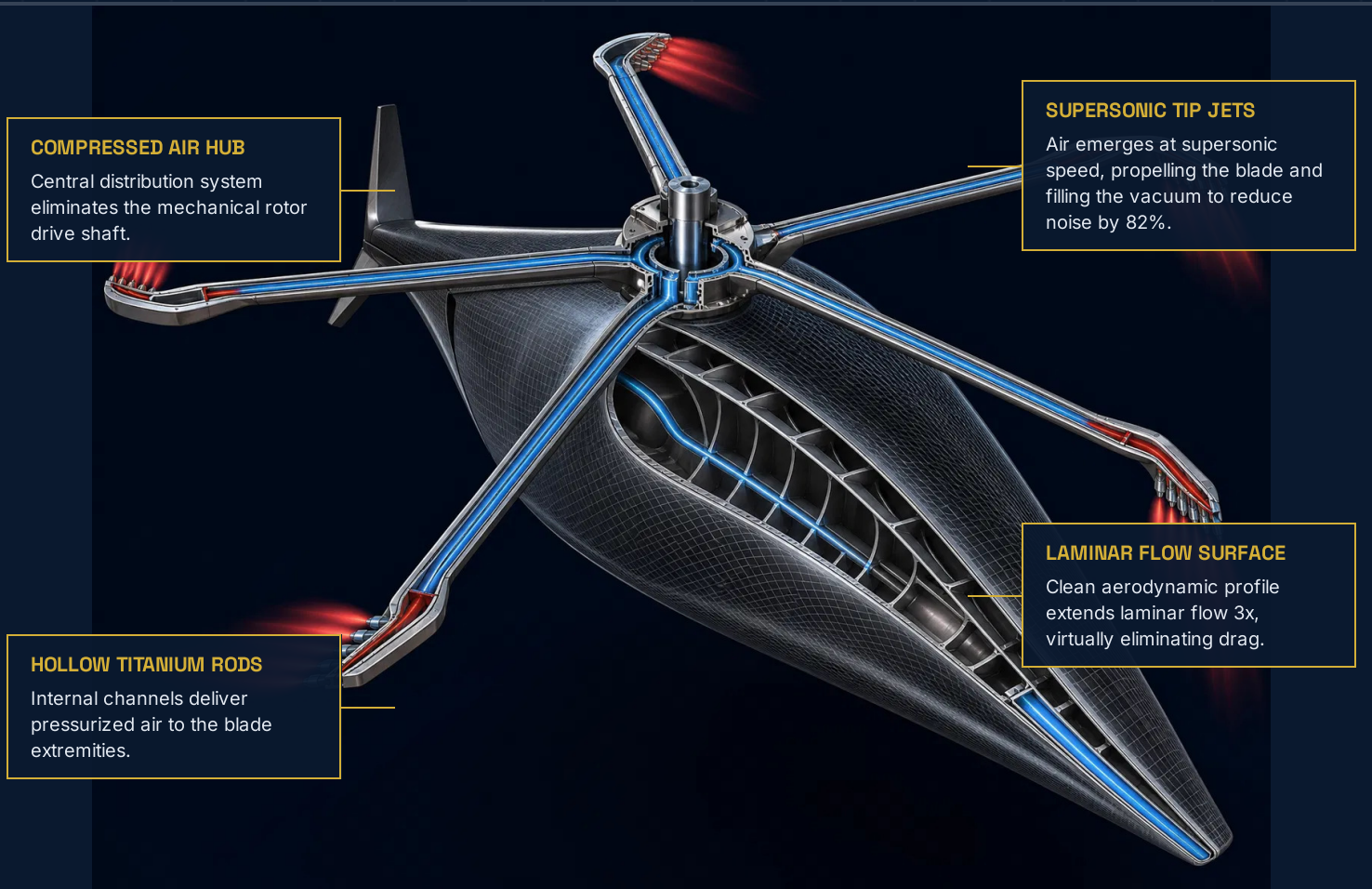
STEALTH CAMO CARBON FIBER
Full-coverage matte military camouflage over carbon fiber weave for absolute radar and visual evasion.

US MILITARY INTEGRATION
Fully compatible with US Armed Forces operational standards and pilot gear.

DUAL MISSILE PODS
Symmetrical multi-tube rocket launcher pods mounted on side hardpoints for kinetic strikes.

APJ DRIVE TECHNOLOGY

SOLVING EVERY CRITICAL FAILURE POINT IN CONVENTIONAL HELICOPTER DESIGN



VULNERABILITY ELIMINATION

Tail Rotor (47% accidents)	✓ Eliminated
Shaft Torque	✓ Zero Torque
High Noise (100+ dB)	✓ 85% Quieter
Heat Signature	✓ Full Stealth
High Maintenance	✓ 90% Reduction
Fuel Dependency	✓ Zero Fuel

TACTICAL PERFORMANCE GAINS

- ↑ **Vertical Jump:** 0–100 ft in 2 seconds for rapid extraction.
- 📦 **Payload:** Lifts 2× the payload of comparable legacy aircraft.
- ⚙️ **Rotor Speed:** Up to 450 RPM (25% faster than legacy).
- 🛡️ **Redundancy:** Quadruple wired motors and compressors.

THE CHAOS WEAPONS SYSTEM

GIVING THE INDIVIDUAL WARFIGHTER ASYMMETRIC OVERMATCH

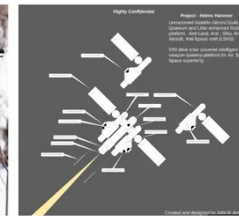
JAD's **Chaos Weapons System (CWS)** is a fully integrated directed energy and kinetic weapons platform designed to enable a single soldier or small unit to engage and defeat numerically and materially superior forces.

The Chaos system is fully integrated with the **NLS 360 Armor** solution set, creating a unified warfighter ecosystem where armor, weapons, targeting, and communications operate as a single networked platform.

DESIGN PHILOSOPHY

Every element of the Chaos system is engineered to the principle that no soldier should enter a battlefield without the technological means to adapt, overcome, and survive any threat environment.

FIELD DEPLOYMENT & ARCHITECTURE



(Highly Confidential)

7

SYSTEM SCOPE & INTEGRATION



HANDHELD DIRECTED ENERGY

Tactical-level directed energy devices for individual warfighters.



SQUAD-LEVEL PLATFORMS

Integrated kinetic and energy weapon systems for unit overmatch.



VEHICLE-MOUNTED CONFIGURATIONS

Scalable weapon pods adaptable to ground and aerial platforms.



SPACE-BASED PLATFORMS

Orbital directed energy systems for strategic global reach.



NLS 360 HUD INTEGRATION

Full synchronization with Helmet HUD and targeting display.

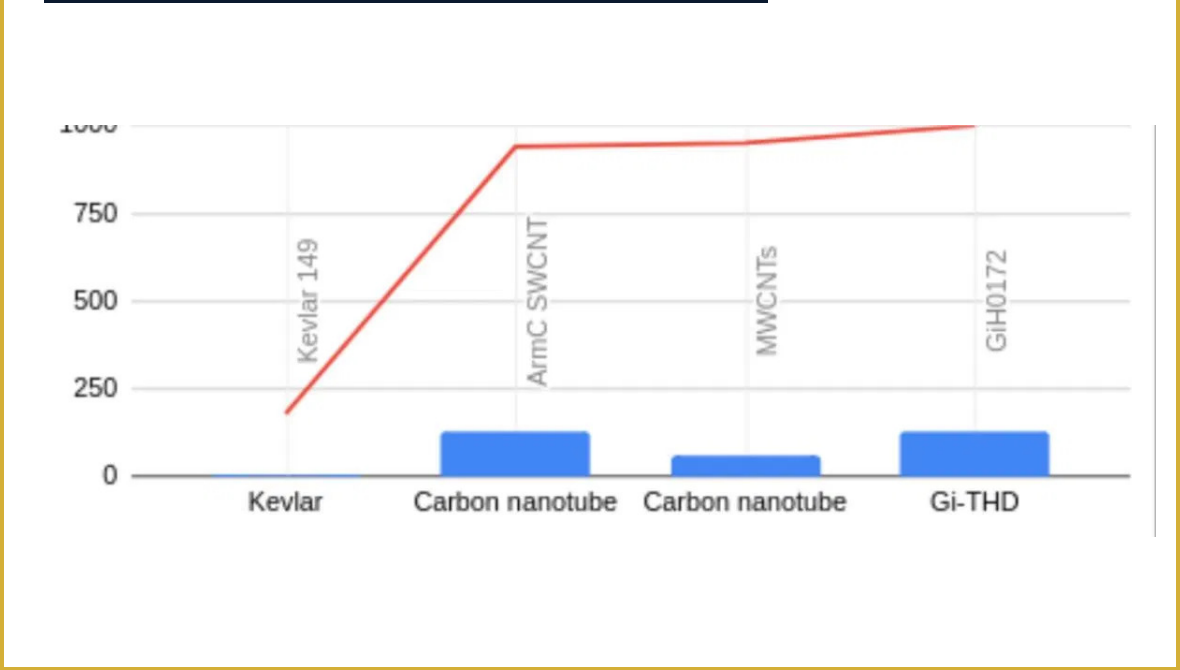
GI-THD MATERIAL OUTPERFORMS EVERY KNOWN ARMOR

MATERIALS HIERARCHY & CAPABILITY COMPARISON

JAD's proprietary Gi-THD material establishes a new paradigm in warfighter survivability, rendering legacy materials obsolete against modern kinetic and directed energy threats.

MATERIAL CLASS	TACTICAL LIMITATION
Kevlar	Inferior to CNT; zero energy weapon resistance.
Carbon Nanotubes	Inferior thermal and energy resistance to Gi-THD.
UHMWP	Vulnerable to extreme thermal events.
Titanium Ti-6Al-4V	Weight penalty; inferior to Gi-THD composite.
Gi-THD (Patent Pending)	NO KNOWN EQUIVALENT. Withstands 3,500°F flash temps; highly resistant to directed energy.

PERFORMANCE TELEMETRY: TENSILE PSI / MODULUS



STRATEGIC BREAKTHROUGH

Gi-THD (GiH0172) demonstrates a massive performance leap over ArmC SWCNT and MWCNTs, delivering 130 GPa Tensile PSI and 1000 GPa Young Modulus. It surpasses every commercially available military-grade armor material.

NLS 360 — FULL-BODY, 360-DEGREE PROTECTION

ENGINEERED FOR THE NEXT BATTLEFIELD

The NLS 360 Armor System is a complete Level 4+ ballistic protection platform engineered to eliminate 90% of combat injuries. It protects every area of the warfighter's body — including arms, legs, and extremities — responsible for the majority of combat casualties.

THREAT COVERAGE



KINETIC WEAPONS

Ballistic, fragmentation, blunt force



DIRECTED ENERGY

Laser and MASER resistance



EDGED WEAPONS

Knife and blade attacks



THERMAL EXTREMES

Flash temperatures up to 3,500°F

01

GI-THD OUTER SHELL

Primary ballistic and directed energy weapon barrier across chest and torso.

TITANIUM ALLOY LAYER

Advanced blunt force and fragmentation resistance on arms and shoulders.

GRAPHENE-INFUSED FIBER

Intermediate layer providing weight reduction with structural integrity for lower body.



POLYMER BACK-PLATE

UHMWP core for energy dispersion and back-face deformation prevention.

CNT UNDER-GARMENT

12-layer carbon nanotube base for critical joint gap protection and fire resistance.

THE NLS 360 HELMET DELIVERS FULL SITUATIONAL AWARENESS

The NLS 360 Advanced Armor Combat Helmet is the world's most advanced tactical ballistic helmet, integrating battlefield awareness, targeting, communications, and protection into a single warfighter-worn platform.

■ SYSTEM INTEGRATION

Fully networked with the M7RHS Chaos Weapons System and NLS 360 upper armor jacket, creating a unified combat ecosystem.

THERMAL & RANGING

Optics module: Day/Night Vision (2500M) & Laser Range Finder (800M).

360° HUD VISOR

Integrated Targeting Display with IFF and 4-camera visual feed.

GI-THD ARMOR SHELL

Advanced ballistic plating with integrated bio-filtration chin module.

SECURE COMMS

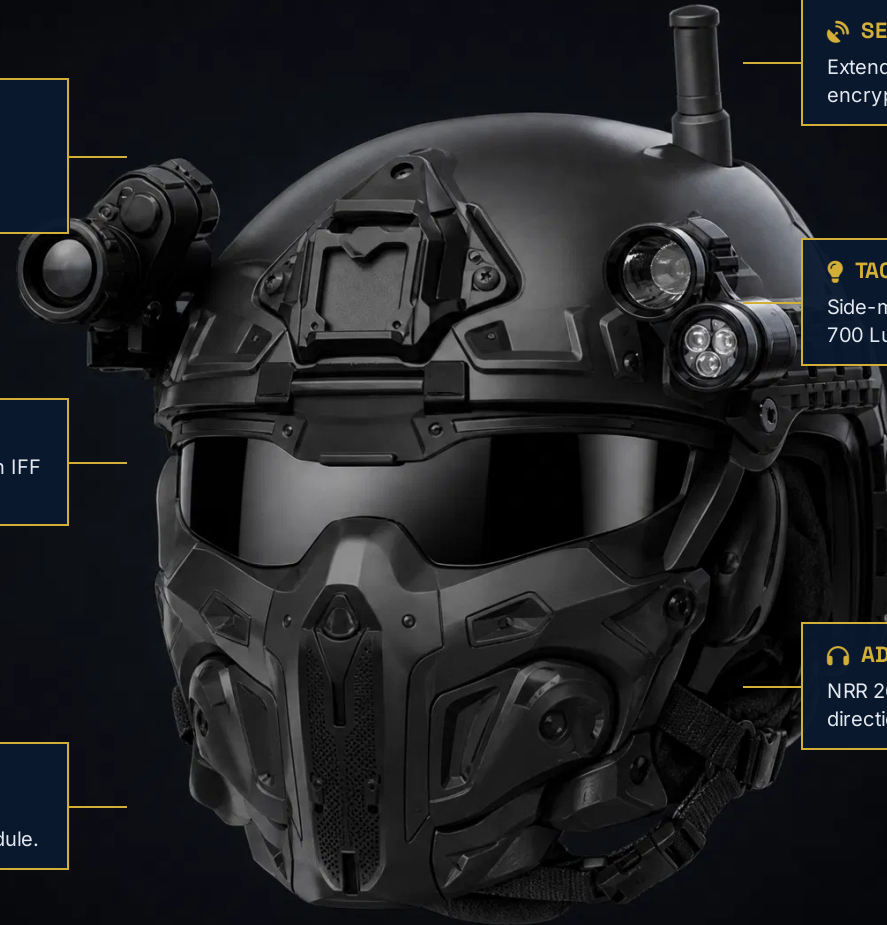
Extended RF Antenna for NSA-encrypted radio with 60-mile range.

TACTICAL ILLUMINATION

Side-mounted 3500 Lumen LED / 700 Lumen LEP casting to 1600M.

ADVANCED AUDIO

NRR 26 system with 4 hi-gain omni-directional mics for 360° detection.



NLS 360 PRICING — COMPLETE WARFIGHTER PROTECTION



PROCUREMENT NOTICE: All pricing is subject to change. Quotes are valid for 30 days from submission date. All technology is ITAR-controlled and not for distribution to ITAR-listed countries. Pre-orders are accepted on a First-In, First-Out (FIFO) basis.

COMPONENT ID	SYSTEM DESCRIPTION	PROTECTION LEVEL	UNIT PRICE (USD)
NLS 360 AAS	Advanced Armor SuitUpper jacket + lower protective pants.	LEVEL V*	\$19,975
NLS 360 UGCA	12-Layer CNT Under-GarmentGap and fire protection.	LEVEL IV	\$499
NLS 360 ACB	Advanced Armor Combat BootsExplosive and kinetic protection.	LEVEL V*	\$599 / pr
NLS 360 ACG	Advanced Combat GlovesNano diamond coating; small arms/energy weapon protection.	LEVEL 4+	\$299
NLS 360 AACH	Advanced Armor Combat HelmetGen 5 NVG, HUD, IFF, targeting, movement detection.	LEVEL V ADV.	\$24,975
NLS 360 CPP	Combat Power Pack10kW continuous armored backpack for energy weapons/defenses.	LEVEL V	\$49,999

 * Level V certification currently in progress. Pre-orders available for all components.

THE WARFIGHTER OF TOMORROW REQUIRES TECHNOLOGY THAT EXISTS TODAY

JAD DELIVERS IT

The modern battlefield is evolving faster than legacy procurement cycles can respond. Adversarial nations are investing aggressively in directed energy weapons, autonomous platforms, and next-generation soldier systems.

The window to establish and maintain technological overmatch is narrowing. JAD's integrated solution set directly addresses the most critical vulnerabilities in current force readiness.

ACTION REQUIRED

CALL TO ACTION:

JAD invites senior military and government leadership to engage in a classified technical briefing and live demonstration of the NLS 360 system and VIPER-XDE platform capabilities.

FOUR CRITICAL GAPS IN FORCE READINESS

01



ROTORCRAFT VULNERABILITY

The **VIPER-XDE** eliminates fuel dependency, heat signature, noise, and mechanical complexity that make current attack helicopters high-value targets.

02



SOLDIER SURVIVABILITY

The **NLS 360 system** eliminates 90% of combat injuries. Every soldier deployed without it represents an unnecessary risk to life and mission success.

03



ENERGY WEAPON THREAT

Directed energy weapons are no longer theoretical. **Gi-THD** is the only known material offering resistance to energy weapon fire at the soldier level.

04



BATTLEFIELD AWARENESS GAP

The **NLS 360 Helmet** integrates targeting, IFF, thermal detection, and encrypted comms into a single platform — eliminating the fragmented, multi-device burden.



ENGAGE JAD

CLASSIFIED BRIEFINGS AVAILABLE UPON REQUEST

PREPARED TO PROVIDE



CLASSIFIED TECHNICAL BRIEFINGS

Full capability reviews for authorized personnel.



LIVE SYSTEM DEMONSTRATIONS

Field testing of NLS 360 armor components.



DETAILED ENGINEERING SPECS

Available under strict NDA and ITAR agreements.



CUSTOM PROCUREMENT

Tailored pre-order arrangements for unit deployment.

CLASSIFICATION NOTICE



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