



LEADING

THE DEFENSE TECH SECTOR

AEROVIRONMENT // MARCH 2025
JEFFERIES // SIMI FACILITY TOUR

AU
AeroVironment™

Agenda

- 1145 Arrival and Check-in
- 1200 Lunch Served
- 1205 Opening Remarks
- 1210 Brief Company Overview
- 1220 Medium UAS Update
- 1240 Q&A
- 110 Facility Tour
- 125 Check-out and Departure

Safe Harbor Statement

Certain words in this presentation may contain "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements include, without limitation, any statement that may predict, forecast, indicate or imply future results, performance or achievements, and may contain words such as "believe," "anticipate," "expect," "estimate," "intend," "project," "plan," or words or phrases with similar meaning. Forward-looking statements are based on current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from the forward-looking statements.

Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, the impact of our ability to successfully close and integrate acquisitions into our operations and avoid disruptions from acquisition transactions that will harm our business; the recording of goodwill and other intangible assets as part of acquisitions that are subject to potential impairments in the future and any realization of such impairments; any actual or threatened disruptions to our relationships with our distributors, suppliers, customers and employees, including shortages in components for our products; the ability to timely and sufficiently integrate international operations into our ongoing business and compliance programs; reliance on sales to the U.S. government, including uncertainties in classification, pricing or potentially burdensome imposed terms for certain types of government contracts; availability of U.S. government funding for defense procurement and R&D programs; our ability to win U.S. and international government R&D and procurement programs; changes in the timing and/or amount of government spending, including due to continuing resolutions; adverse impacts of a U.S. government shutdown; our ability to consummate the acquisition of BlueHalo and realize the anticipated benefits of the transaction; our reliance on limited relationships to fund our development of HAPS UAS; our ability to execute contracts for anticipated sales, perform under such contracts and other existing contracts and obtain new contracts; risks related to our international business, including compliance with export control laws; the extensive and increasing regulatory requirements governing our contracts with the U.S. government and international customers; the consequences to our financial position, business and reputation that could result from failing to comply with such regulatory requirements; unexpected technical and marketing difficulties inherent in major research and product development efforts; the impact of potential security and cyber threats or the risk of unauthorized access to and resulting misuse of our, our customers' and/or our suppliers' information and systems; failure to remain a market innovator, to create new market opportunities or to expand into new markets; our ability to increase production capacity to support anticipated growth; unexpected changes in significant operating expenses, including components and raw materials; failure to develop new products or integrate new technology into current products; any increase in litigation activity or unfavorable results in legal proceedings, including pending class actions; or litigation that may arise from our pending acquisition of BlueHalo; our ability to respond and adapt to legal, regulatory and government budgetary changes, including those resulting from the impact of pandemics and similar outbreaks; our ability to comply with the covenants in our loan documents; and our merger agreement with BlueHalo; our ability to attract and retain skilled employees; the impact of inflation; and general economic and business conditions in the United States and elsewhere in the world; and the failure to establish and maintain effective internal control over financial reporting.

For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

Additional Information

ADDITIONAL INFORMATION AND WHERE TO FIND IT

This presentation references the proposed transaction between AeroVironment and BlueHalo. In connection with the proposed transaction, AeroVironment will file with the SEC a registration statement on Form S-4, which will include a proxy statement and a prospectus, to register the shares of AeroVironment stock that will be issued to BlueHalo's shareholders (the "Proxy and Registration Statement"), as well as other relevant documents regarding the proposed transaction. INVESTORS ARE URGED TO READ IN THEIR ENTIRETY THE PROXY AND REGISTRATION STATEMENT REGARDING THE TRANSACTION WHEN IT BECOMES AVAILABLE AND ANY OTHER RELEVANT DOCUMENTS FILED WITH THE SEC, AS WELL AS ANY AMENDMENTS OR SUPPLEMENTS TO THOSE DOCUMENTS, BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION.

A free copy of the Proxy and Registration Statement, as well as other filings containing information about the Company, may be obtained at the SEC's website (<http://www.sec.gov>). You will also be able to obtain these documents, free of charge, from the Company at <https://investor.avinc.com/> or by emailing ir@avinc.com.

PARTICIPANTS IN THE SOLICITATION

AeroVironment and its respective directors and executive officers may be deemed to be participants in the solicitation of proxies from its respective stockholders in respect of the proposed transactions contemplated by the Proxy and Registration Statement. Information regarding the persons who are, under the rules of the SEC, participants in the solicitation of the stockholders of AeroVironment in connection with the proposed transactions, including a description of their direct or indirect interests, by security holdings or otherwise, will be set forth in the Proxy and Registration Statement when it is filed with the SEC. Information regarding AeroVironment's directors and executive officers is contained in its Annual Report on Form 10-K for the year ended April 30, 2024 and its Proxy Statement on Schedule 14A, dated August 12, 2024, which are filed with the SEC.

NO OFFER OR SOLICITATION

This presentation is not intended to and does not constitute an offer to sell or the solicitation of an offer to subscribe for or buy or an invitation to purchase or subscribe for any securities or the solicitation of any vote in any jurisdiction pursuant to the proposed transactions or otherwise, nor shall there be any sale, issuance or transfer of securities in any jurisdiction in contravention of applicable law. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act. Subject to certain exceptions to be approved by the relevant regulators or certain facts to be ascertained, the public offer will not be made directly or indirectly, in or into any jurisdiction where to do so would constitute a violation of the laws of such jurisdiction, or by use of the mails or by any means or instrumentality (including without limitation, facsimile transmission, telephone and the internet) of interstate or foreign commerce, or any facility of a national securities exchange, of any such jurisdiction.

NON-GAAP MEASURES

In addition to the financial measures prepared in accordance with generally accepted accounting principles (GAAP), this presentation also contains non-GAAP financial measures. See in the financial tables below the calculation of these measures, the reasons why we believe these measures provide useful information to investors, and a reconciliation of these measures to the most directly comparable GAAP measures.

Corporate Snapshot

AVAV

NASDAQ

Arlington, VA

HQ

1971

FOUNDED

~1,450

EMPLOYEES

- ▶ AVAV is a Leader in Defense Technology Solutions
- ▶ Delivering Solutions to the United States Military and its Allies for over 30 Years
- ▶ Strong Track Record of Revenue & EBITDA Growth
- ▶ AVAV announced an acquisition of BlueHalo in November 2024, and it expected to close in calendar Q2 of 2025 creating a \$2 Billion Company

GLOBAL FOOTPRINT

**55+**

customers in allied nations

**35,000+**

AV platforms fielded and performing in most demanding environments

Strong Track Record of Revenue Growth

(\$ Millions)



FISCAL YEAR ENDING APRIL 30

*FY25 Revenue Represents Mid-Point of Guidance Range

Consistent EBITDA Growth – Targeting 20% of Revenue Longer Term

(EBITDA \$ Millions; % of Revenue)



FISCAL YEAR ENDING APRIL 30

* FY25 EBITDA Represents Mid-Point of Guidance Range

AV + BlueHalo = Unmatched Portfolio of Defense Tech Solutions

AVAV announced acquisition of BlueHalo (BH) in November 2024 and it expected to close in calendar Q2 of 2025. Subject of AV Shareholder and regulatory approval.



Loitering Munitions

A family of advanced lethal drones including the Switchblade family and one-way attack drones.



Space Technologies

Advanced solutions, technologies and effects for space; ground-based systems for situational awareness, communications, command & control and warfare operations

Group 1,2,3 UAS

A family of **advanced multi-use drones**. Industry leading Puma Group 1/2, JUMP 20 Multi-Domain Group 3 and recently introduced P550 Multi-Mission Group 2



Counter UAS (C-UAS)

Full suite of **layered defense solutions** including precision target acquisition & tracking systems, autonomous offensive swarming platforms & payloads and directed energy.

Advanced Software

Leading Computer Vision Technology, Autonomy, Object Tracking and C2 software



Electronic Warfare & Cyber

Specialized support, services and technology to execute critical national security missions, including technologies and tradecraft used in **offensive and defensive cyber** and SIGINT

Advanced Innovations

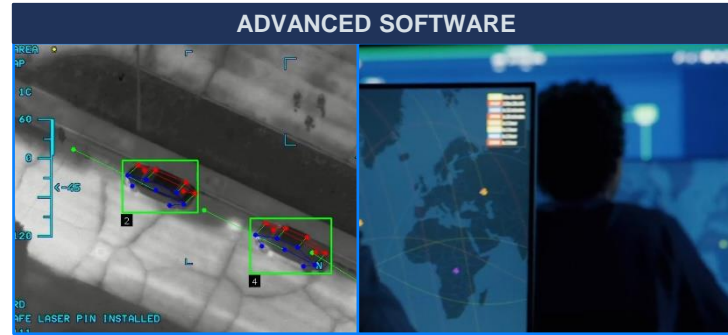
Next generation technologies delivering solutions to defense, space and commercial markets



Advanced Innovations

Next generation technologies **solving defense and national security** customers' most pressing needs in robotics, autonomy, AR/VR, materials and next generation RF

AV + BlueHalo Combined Defense Tech Portfolio at-a-Glance

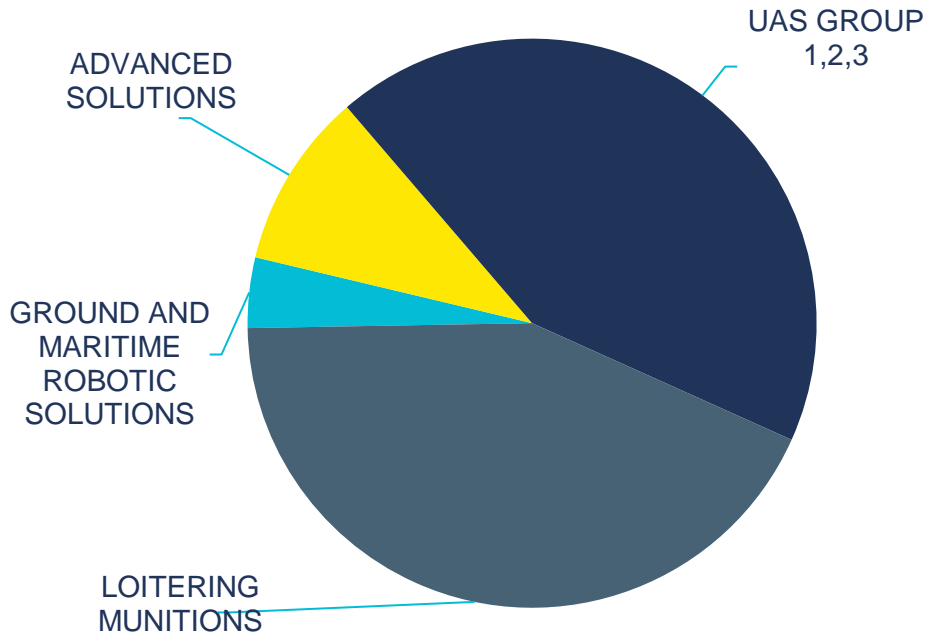


Revenue*	\$2 Billion	(1) Based upon pro-forma financials for the combined BlueHalo and AeroVironment FY26 the 424B3 Filed February 12, 2025
Adjusted EBITDA*	\$340 Million	
Employees	3,600	

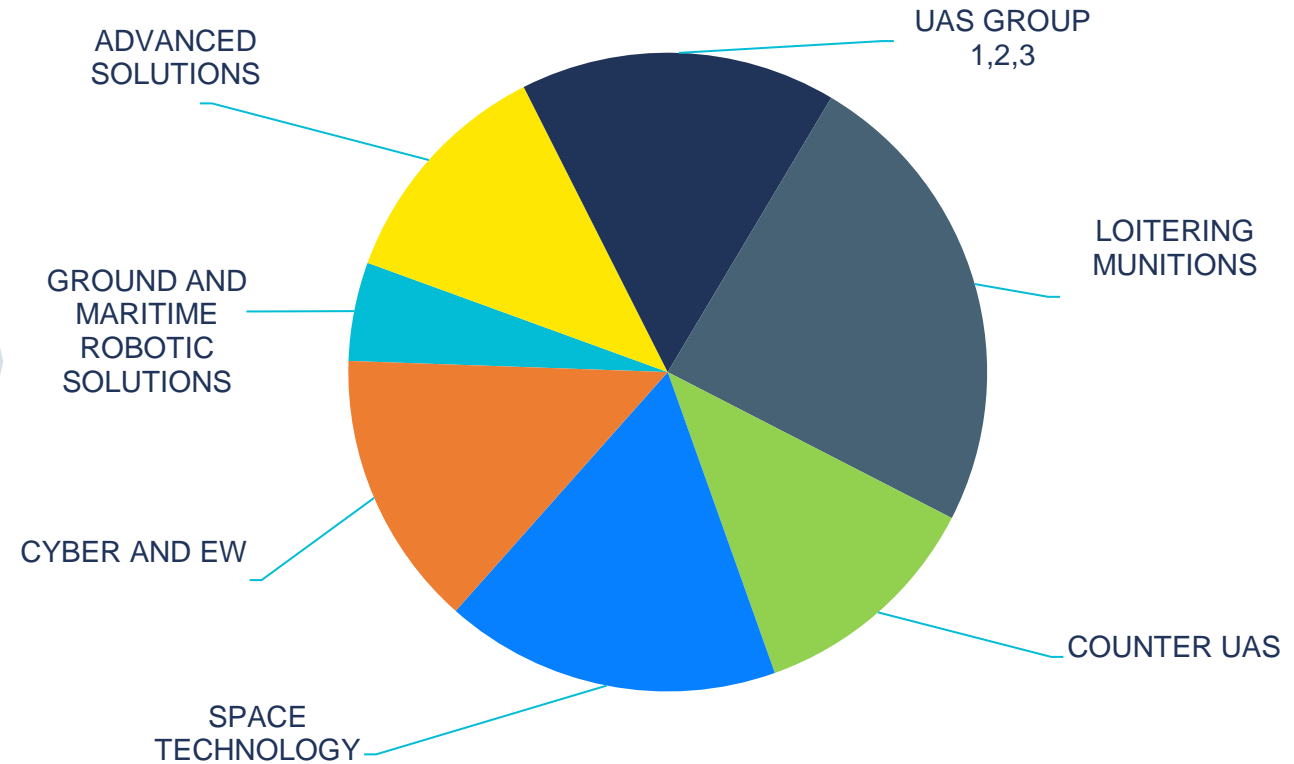


AV+BH Creates Diversified Portfolio

AV Today



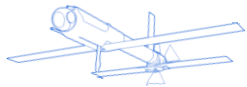
AV Post BlueHalo Acquisition



Combined Company Positioned Extremely Well with U.S. Defense Priorities

Combined AV + BlueHalo TAM over \$50B+

GLOBAL TAM

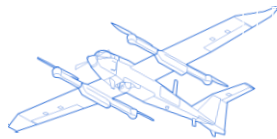


\$4B+

Rapidly Growing

LMS

LOITERING
MUNITION SYSTEMS

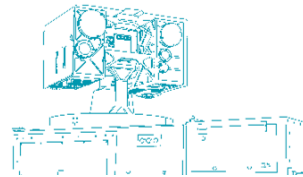


\$6B+

Growing

UAS

GROUP 1, 2, 3

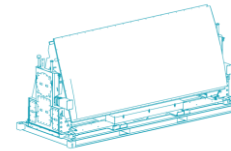


\$5B+

Rapidly Growing

C-UAS

COUNTER UAS

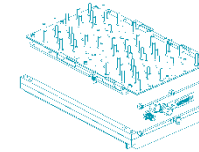


\$15B+

Rapidly Growing

ST

SPACE
TECHNOLOGIES



\$23B+

Growing

EW&C

ELECTRONIC
WAREFARE & CYBER



Innovating
and Incubating

MW / ADV

MACCREADY WORKS
ADVANCED INNOVATIONS

Source: Renaissance Strategic Advisors.

AV+BH Well Positioned for New Administration's Defense Priorities

During his confirmation process, Hegseth pledged that as leader of the Pentagon he would prioritize **investments in AI, drones and counter-drone systems**, among other technologies that he considers key to military modernization.

WHY DRONES ARE CHANGING WARFARE?

Operational Effectiveness // lower human risk

Precision Strike // reduces collateral damage

Cost Effective // more functionality for less

Force Leverage // autonomy, swarming, computer vision, reduce human capital requirements

DEFENSESCOOP

Topics ▾ Events Podcasts Videos DefenseScoop 50

Pete Hegseth, Trump's new defense secretary, issues message vowing to 'rapidly' field emerging tech

The Pentagon chief issued his first "Message to the Force" on Saturday after being sworn in.

BY [JON HARPER](#) • JANUARY 25, 2025

🔊 Listen to this article 2:46 [Learn more.](#)



Secretary of Defense Pete Hegseth speaks after being sworn in by U.S. Vice President J.D. Vance in the Indian Treaty Room at the Eisenhower Executive Office Building at the White House on January 25, 2025 in Washington, DC. (Photo by Kent Nishimura/Getty Images)

Newly confirmed Secretary of Defense Pete Hegseth issued a message to the military on Saturday that expressed his intent to quickly field emerging capabilities to deter China and others.

Hegseth [narrowly won confirmation](#) Friday night and was officially sworn in Saturday morning.

"It is the privilege of a lifetime to lead the warriors of the Department of Defense,

SHARE



OUR UNMATCHED PORTFOLIO:

Accomplishing Missions in the Most Demanding Environments

SOLAR HAPS

GROUP 2-3 UAVS



JUMP 20



T-20



VAPOR 55 MX



SWITCHBLADE 600



SWITCHBLADE 300 BLOCK 20



BLACKWING

LOITERING MUNITIONS



145

145 N

PUMA 1E

PUMA 3 AE



PUMA VTOX KIT



123

123 D

RAVEN B

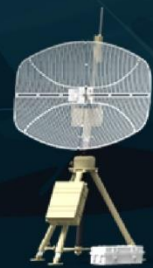


WASP AE

GROUP 1-2 UAVS



INGENUITY MARS HELICOPTER



LRTA



ERA



STANDARD



pDDL



CRYSLIS



TOMAHAWK



MPL



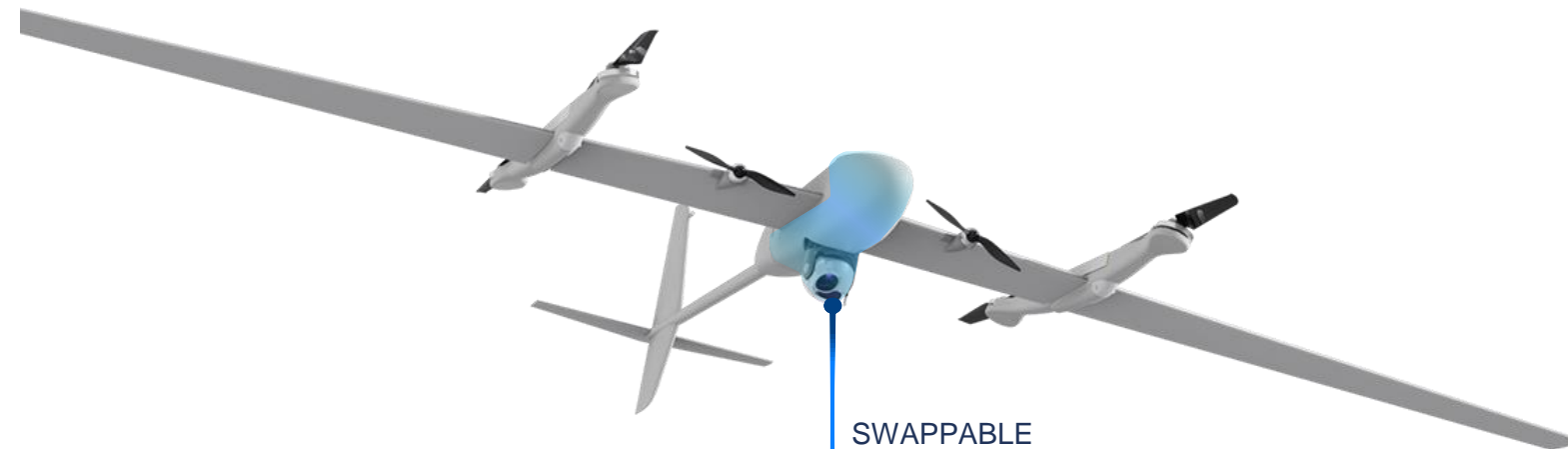
telemax UGV

tEODor EVO

P550 - Battlefield Adaptable -

Rugged, Reliable, Portable, All-weather Tactical eVTOL Platform

Carry up to ~15lb* @ 120+ min of flight



SWAPPABLE
PAYLOADS

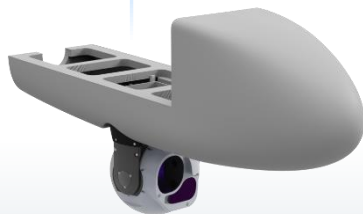
Easily Configure P550 to meet the needs of any mission with Single & Multiple Payload options

Unique Payload Sled with Common Payload Interfaces allows for easy swapping of payloads for easy integration of current and future payloads

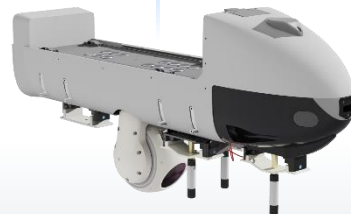
Tool-less Quick Mount for quick payload mounting, easily slide and click into place



STANDARD ISR



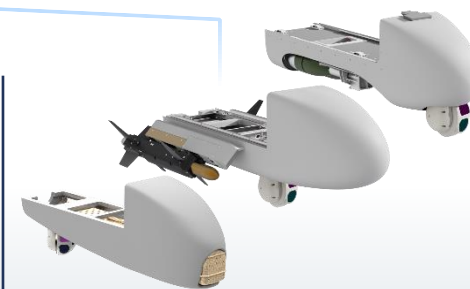
ADVANCED ISR



SIGINT w/ ISR



COMMS RELAY w/ ISR



ARMED PATROL

Modular Payload Flexibility for Great Mission Support

*with HD-25 - up to a 15-18 lbs droppable payload (65 lb GTOW)

Smart solutions that respond to evolving customer needs

PLATFORMS

- Group 1 UAVs
- Group 2-3 UAVs
- Loitering Munitions
- Lethal Drones
- Ground Robots
- Logistic UAVs
- Space Helicopters



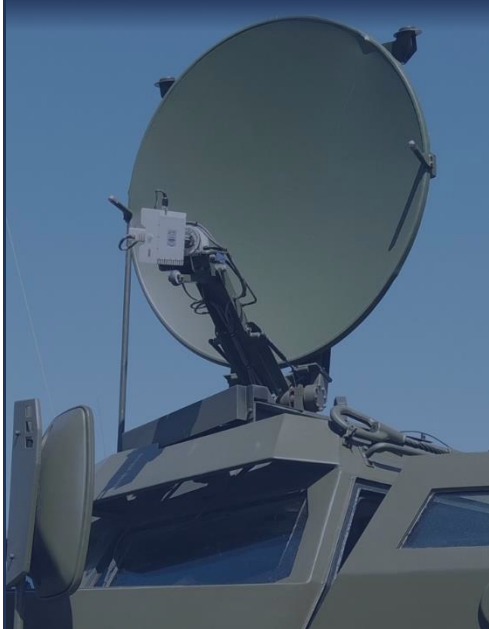
- Communications
- Command and Control
- Autonomy / AI
- Computer Vision / Object ID
- Visual Navigation
- Flight Control Systems
- Advanced Solutions

SOFTWARE

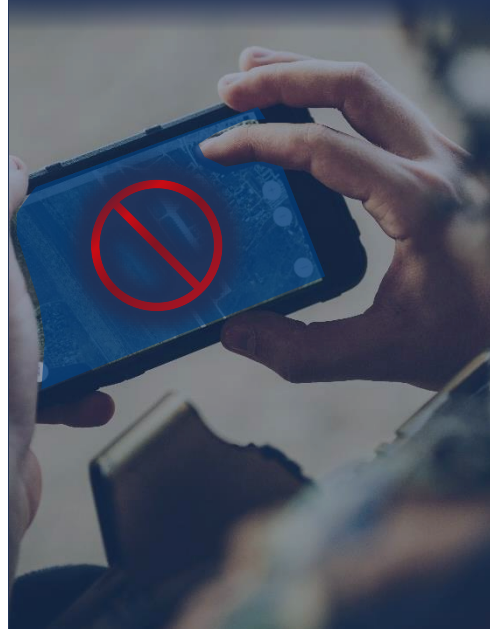
Serving Primarily Defense and Public Safety Markets

AV's Autonomous Solutions Help Solve Future Challenges of UAS Warfare

DATALINKS ARE
COMPROMISED



GPS IS
UNRELIABLE



AIR DEFENSE
SYSTEMS



RAPIDLY
EVOLVING
BATTLEFIELD



AV is well positioned to solve these problems as we move toward more autonomous solutions



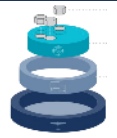




Group 1-3 UAS provide next-gen battlefield surveillance

Business Overview



Uncrewed aerial systems provide warfighters the massed and resilient C2ISR⁽¹⁾ capabilities required to dominate 21st Century contested battlespaces

\$6B+
Market Opportunity

AeroVironment Positioning⁽³⁾

Products				
	P-550	Jump 20-X	Puma LE / AE	Autonomy Software
Programs				
	Tac-UAS	sUAS	RQ-20B	MEUAS

Key Growth Opportunities⁽³⁾

	Long Range Reconnaissance		Medium Range Reconnaissance
	Family of Small UAS		International Programs of Record

Key Discriminators

Global Group 1-2 Franchise	Group 3 Emerging Leader	Full-Stack Sensor Suites
		

Source: Renaissance Strategic Advisors; (1) Command, Control, Intelligence, Surveillance, and Reconnaissance; (2) Pro Forma estimate following BlueHalo merger closing expected in Q2 2025; (3) Not exhaustive

Loitering Munitions engage beyond-line-of-sight targets

Business Overview

Diverse portfolio of man-portable autonomous weapon systems allow warfighters to rapidly prosecute protected adversary positions at standoff distances

\$4B+

Market Opportunity

AeroVironment Positioning⁽²⁾

Products



Programs



Key Growth Opportunities⁽²⁾



Long Range Precision Munition



Low Altitude Stalking & Strike Ordnance



Organic Precision Fires



Replicator Initiative

Key Discriminators

Cost Effectiveness

Capacity and Throughput

Conflict Proven Results



Source: Renaissance Strategic Advisors; (1) Pro Forma estimate following BlueHalo merger closing expected in Q2 2025; (2) Not exhaustive; (3) Lethal Unmanned Systems; (4) Tactical Missiles Systems

Future Defense Solutions are More Cost Effective



SWITCHBLADE Products
Provide Cost Effective Solutions

UKRAINE has fired

\$36M

MINIMAL
COST

worth of

SWITCHBLADE 600

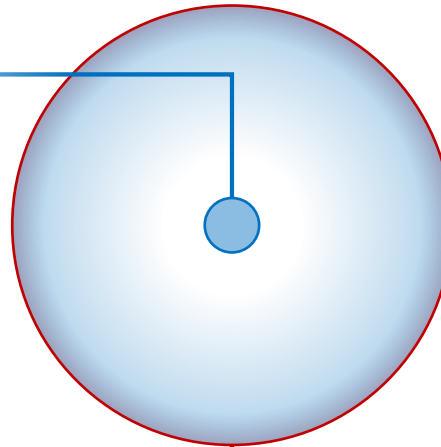
munitions

to destroy

\$2.7B

MAXIMUM
IMPACT

worth of enemy equipment



SWITCHBLADE 600
Provides a 75x Cost Advantage



BlueHalo has a comprehensive suite of cUAS offerings

Business Overview

AV's incoming cUAS portfolio spans capabilities (e.g., detect, track, destroy) and effectors (e.g., lasers, kinetic) to serve evolving air defense requirements

\$5B+

Market Opportunity

AeroVironment Positioning⁽²⁾

Products



**Locust
LWS**



**Freedom
Eagle**



TITAN



VigilantHalo

Programs



E/AMP-HEL⁽³⁾



**Next Generation
Missile OTA**



**IC
Product
Sales⁽⁴⁾**

Key Growth Opportunities⁽²⁾



Replicator 2.0 Initiative



Next Generation Missile Production



DoD DE Programs of Record



Directed Energy Foreign Military Sales

Key Discriminators

Hardware/
Software
Ecosystems

Leading
Integration
Partners

Emerging
Program
Presence



Source: Renaissance Strategic Advisors; (1) Pro Forma estimate following BlueHalo merger closing expected in Q2 2025; (2) Not exhaustive; (3) Enduring / Army Multi-Purpose Laser programs; (4) Not exhaustive

BlueHalo's Space Technology addresses critical missions

Business Overview

AV's incoming Space offerings underpin situational awareness, superiority, SATCOM, C2, and remote sensing missions across orbits and architectures

\$15B+

Market Opportunity

AeroVironment Positioning⁽²⁾

Products



Badger



WASP



OISLs



Qualified Hardware

Programs



SCAR⁽³⁾



Strategic Subcontracts



Classified DoD/IC

Key Growth Opportunities⁽²⁾



Proliferated Warfighter Space Architecture



Classified National Security Space



Missile Defense "Golden Dome"



Select Commercial Customers



Key Discriminators

Proprietary MSDA⁽⁴⁾ Technology

Advanced Tracking and Sensing

Robust Installed Base



Source: Renaissance Strategic Advisors; (1) Pro Forma estimate following BlueHalo merger closing; (2) Not exhaustive; (3) Satellite Communication Augmentation Reserve; (4) Multi-band/beam Software Defined Antenna

BlueHalo delivers key EW, cyber, and “-INT” solutions

Business Overview

AV will serve highly sensitive offensive / defensive cyber and “tip of the spear” intelligence missions with a suite of “off-the-shelf” products and embedded expertise

\$23B+

Market Opportunity

AeroVironment Positioning⁽²⁾

Offerings



Scraawl



Lokiset



Sharkcage
Chassis



OS/MAS/
SIGINT⁽³⁾

Programs

Presence spans dozens of classified efforts across multiple DoD / IC customers

Key Growth Opportunities⁽²⁾



MIP + NIP
Programs



EW/EMS Flexible
Budget Authorities



Near Peer
“Grey Zone”
Operations



Tactical Space
/ ISR
Requirements

Key Discriminators

Customer /
Compartment
Diversity

Hundreds of
TS/SCI
Cleared SMEs

High Margin
Tech Product
Sales



Source: Renaissance Strategic Advisors; (1) Pro Forma estimate following BlueHalo merger closing expected in Q2 2025; (2) Not exhaustive; (3) Open-Source, Measurement & Signature, and Signals Intelligence



FINANCIAL

OVERVIEW

Narrowing Revenue, Adjusted EBITDA and Adjusted EPS Guidance:

Fiscal 2025 Outlook - AVAV Pre-Close of BlueHalo

AS OF 3/4/2025	FY24 RESULTS	FY25 GUIDANCE	EXPECTED % CHANGE (TO MIDPOINT)
Revenue	\$717 million	\$780 million – \$795 million	10%
Adjusted EBITDA	\$128 million ¹	\$135 million – \$142 million ²	8%
Non-GAAP Earnings per Share (diluted)	\$2.99 ³	\$2.92 – \$3.13 ²	1%

We expect R&D Expenses between 12%-13% of Revenues and Adjusted Gross Margins⁴ between 40% to 42% of Revenues in FY25. We expect Q4 FY25 Adjusted EBITDA to be significantly higher than the first three quarters.

¹ Refer to Adjusted EBITDA Reconciliation on Appendix C.

² This guidance does not include the forecasted financial results associated with the anticipated acquisition of BlueHalo or certain acquisition related expenses which are contingent upon the consummation of the acquisition. The Company cannot provide guidance for or reconciliation to GAAP net income or earnings per diluted share without unreasonable efforts due to the inherent difficulty of forecasting the timing and/or amount of the acquisition related expenses that have not yet occurred (and have been excluded from the adjusted measures). Acquisition related expenses for the fiscal year ending April 30, 2025, which are expected to be significant, will be materially impacted by the timing of the close of the acquisition and, amongst other factors, shareholder approval, required regulatory approvals, which are, in part, outside the control of the Company. As the Company cannot predict the amount or timing of acquisition related expenses with a reasonable degree of accuracy, the Company believes such reconciliation could imply a degree of precision that might be confusing or misleading to investors.

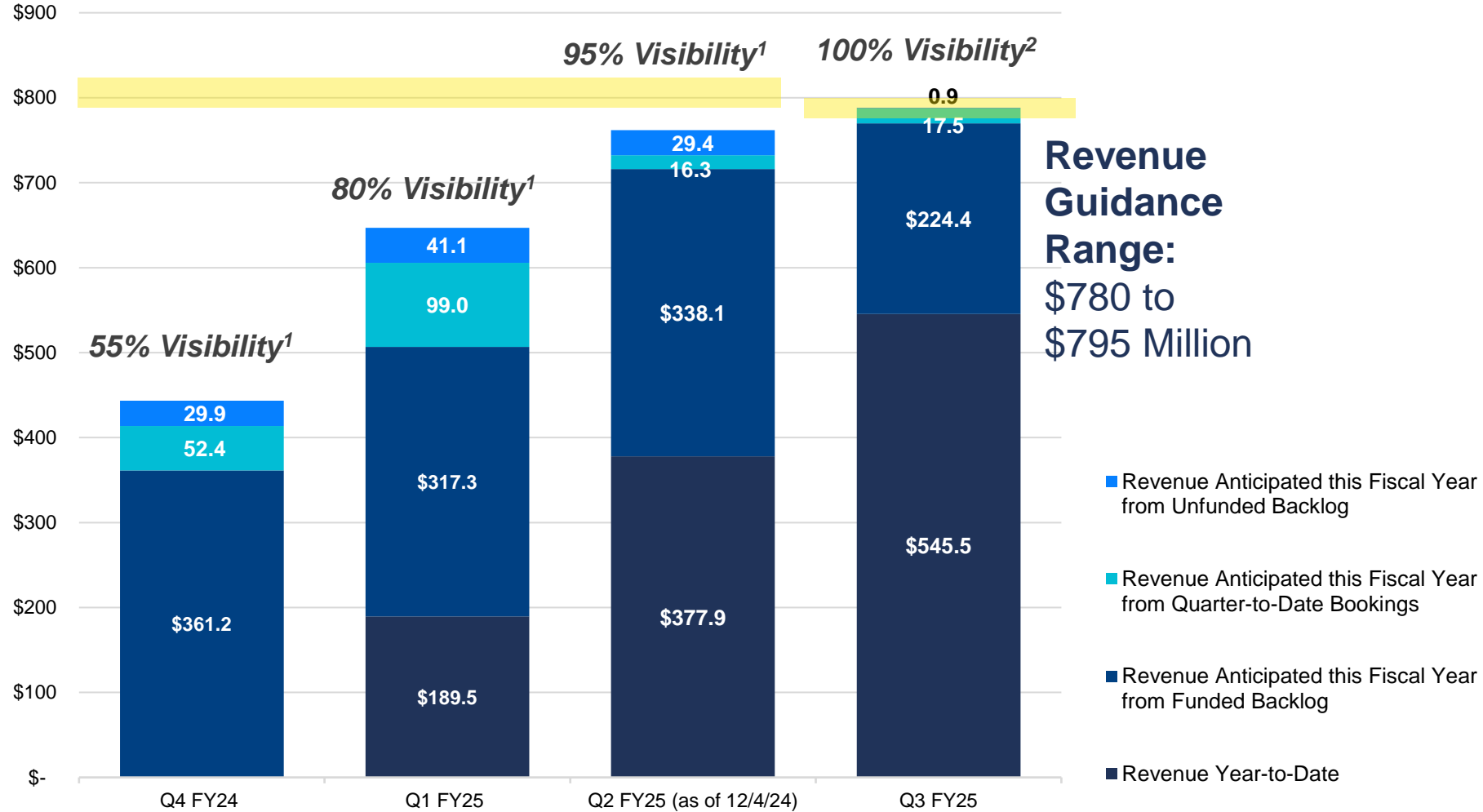
³ Refer to Reconciliation of Fiscal Year 2024 Non-GAAP Diluted Earnings Per Share on Appendix D.

⁴ We expected adjusted gross margins to be in the high 30 percent for the second half of fiscal year 2025. Adjusted gross margin is defined as gross margin before intangible amortization.

⁵ We expect Ukraine related revenues to represent 17% of FY25 revenues and about 6% of Q4 FY25 revenues

Visibility for FY25

REVENUE (MILLIONS)



Revenue Guidance Range:
\$780 to \$795 Million

Company visibility
(as of Mar. 4, 2024)
supports revenue guidance range

¹ Based on midpoint of guidance range of \$790–\$820 million

² Based on midpoint of guidance range of \$780–\$795 million



PROCEED
WITH
CERTAINTY

FINANCIAL

TABLES

APPENDIX A

Historical Non-GAAP Adjusted EBITDA Reconciliation (Unaudited)

FY20 - FY24

(in thousands)

	FY2020	FY2021	FY2022	FY2023	FY2024
Net Income (loss) from continued operations	\$ 41,339	\$ 23,331	\$ (4,188)	\$ (176,212)	\$ 59,666
Interest Expense / (Income), net	(4,828)	618	5,440	9,368	4,220
Tax provision / (benefit)	5,848	539	(10,369)	(14,665)	1,892
Depreciation and amortization	9,888	19,262	60,825	99,999	35,749
EBITDA (Non-GAAP)	\$ 52,247	\$ 43,750	\$ 51,708	\$ (81,510)	\$ 101,527
FV Step-up amortization incl. in Loss on disposal of PP&E	-	-	1,280	192	-
Cloud amortization	-	-	339	561	1,445
Stock-based compensation	6,227	6,932	5,390	10,765	17,069
Acquisition-related expenses	1,119	7,982	4,853	1,386	2,095
Arcturus Goodwill Impairment	-	-	-	156,017	-
Equity method and equity security investment activity	5,487	10,481	(4,589)	2,583	5,618
Non-controlling interest	(4)	14	3	45	-
Legal accrual related to our former EES business	-	9,300	10,000	-	-
Sale of ownership in HAPSMobile JV	-	-	(6,383)	-	-
Adjusted EBITDA (Non-GAAP)	\$ 65,076	\$ 78,459	\$ 62,601	\$ 90,039	\$ 127,754



MEDIUM UAS (MUAS)

JUMP[®] 20-X Group 3 UAS

Unmatched Flexibility Across Sea and Land

**AEROVIRONMENT, INC.
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TRACY STAPLETON
19 March 2025

Upward Trajectory

- Transition the Business from Contractor Owned Contractor Operated COCO (90%) Service Provider to a total solutions provider (sales of equipment and services).
- Continuous Improvement in People, Process and Tools.
- Investment in the future to capture key programs (**JUMP 20-X**)
- Large Program Wins
 - DALO (\$181m USD).
 - Several other Large POR wins to be announced soon.

Deployment Ready Land + Sea + Mobile Operations

GOGO

Government-Owned
Government-Operated

GOVERNMENT Owns Equipment

INVESTMENT is fixed term (on contract)

SCALABLE Operational Tempo

Training/FSR Support **PURCHASED SEPERATELY**

Product-Based **WARRANTY**

Logistics and Support by **GOVERNMENT**

Mission-Based **COST**

GOCO

Government-Owned
Contractor-Operated

GOVERNMENT Owns Equipment

INVESTMENT is fixed term (on contract)

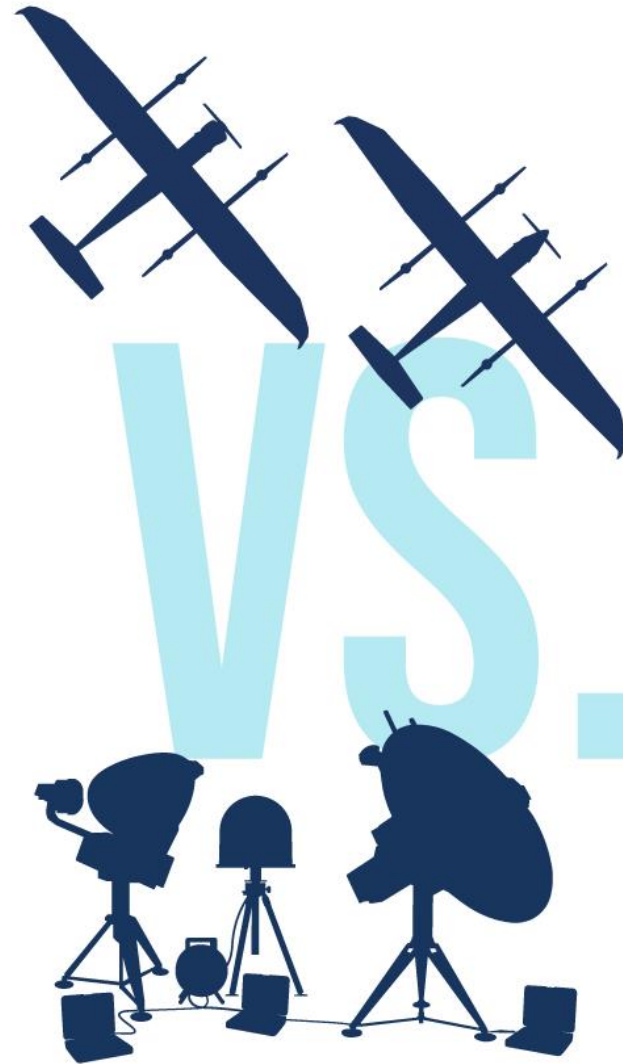
SCALABLE Operational Tempo

Training/FSR Support **PURCHASED SEPERATELY**

Product-Based **WARRANTY**

Logistics and Support by **GOVERNMENT**

Mission-Based **COST**



COCO

Contractor-Owned
Contractor-Operated

CONTRACTOR Owns Equipment

ZERO CAPITAL INVESTMENT

Mission-Based Cost

SCALABLE Operational Tempo

Training/FSR Support **INCLUDED**

No-Need for Product **WARRANTY**

Logistics and Support by
CONTRACTOR

AV
AeroVironment™

PROCEED
WITH
CERTAINTY

JUMP[®] 20-X VTOL UAS

PRODUCT PHILOSOPHY

JUMP 20-X delivers unmatched flexibility, resilience, and precision. Designed to excel across diverse domains, its modular approach enables seamless integration of payloads, datalinks, and STANAG compliant comms. Fully marinized for harsh maritime conditions it embodies a philosophy of pushing boundaries delivering reliable performance where others falter, and empowering mission success in the most challenging scenarios



KEY PERFORMANCE AREAS

MULTI-INT & MULTI-DOMAIN IN A SINGLE AIRCRAFT

Multi-fuel, multi-mission system designed to meet any customers' needs.

ADVANCED AI & AUTONOMY

Leveraging automation and advanced autonomy to reduce operator load and human error while maintaining precision and safety even in contested environments

MODULAR OPEN SYSTEM APPROACH (MOSA) DESIGN

Payload agnostic, radio agnostic, STANAG-compliant communications to easily integrate into existing command and control architectures.

RUNWAY INDEPENDENT LAUNCH and RECOVERY

Rapidly Deployable Across
Any Domain < 60 Minutes

Key Differentiators

ADVANCED AI & AUTONOMY FULLY AUTONOMOUS OPERATIONS

From takeoff to landing, this fully autonomous system operates hands-free, reducing operator load and human error while maintaining precision and safety.

SIMPLIFIED FUEL LOGISTICS HEAVY FUEL ENGINE

Compatible with multi-fuels (JP-5, JP-8, Jet A, gas or diesel) eliminating the need for specialized fuels and streamlining resupply operations.

MULTI-MISSION PAYLOAD VERSATILITY MULTI-INT/MULTI-DOMAIN

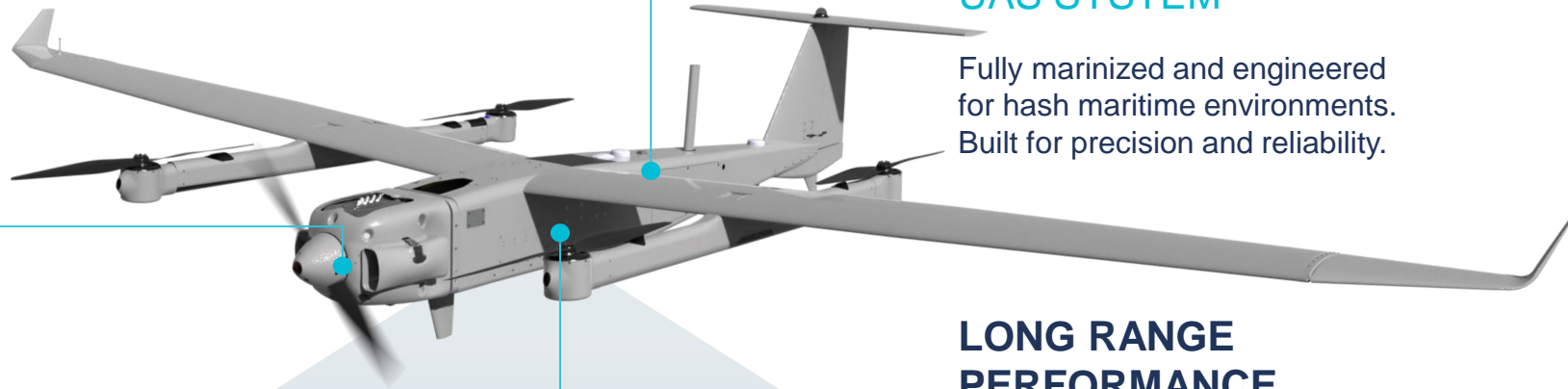
Carry up to 30 lb of payload. Interchangeable payload pallets allow for Multi-INT / Multi-Domain configurations.

MARITIME DOMINANCE FULLY MARINIZED UAS SYSTEM

Fully marinized and engineered for harsh maritime environments. Built for precision and reliability.

LONG RANGE PERFORMANCE CLASS LEADING ENDURANCE

13+ hours of flight endurance and a beyond-line-of-sight (BLOS) capability, JUMP 20-X is built to support operations over extended ranges.



*Unmatched Flexibility
Across Sea and Land*

Designed for Harsh Maritime Environments



ENVIRONMENTAL RESILIENCE

Fully Marinized –
Corrosion-resistant and sealed electronics to withstand saltwater and high humidity

Rough Water Operations –
Operates in high sea states & winds, exceeding program objectives

Anti-Corrosion Payload Housing–
to protect sensitive systems from harsh maritime environments



PROPULSION & ENDURANCE

Heavy Fuel Engine –
Compatible with multi-fuels (JP-5, JP-8, Jet A, gas or diesel) eliminating the need for specialized fuels and streamlining resupply operations.

Extended Endurance –
long flights times to cover vast maritime areas.

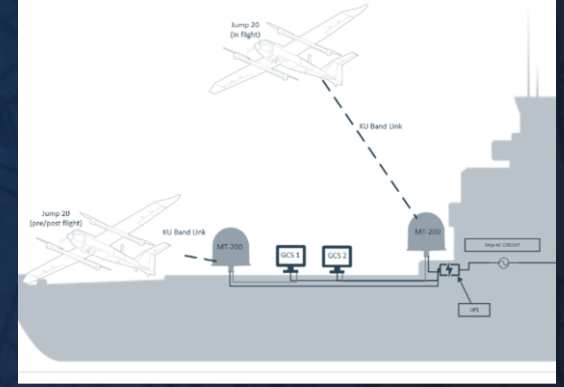


LAUNCH & RECOVERY

Precision Landing –
leverages advanced AI-powered capabilities to ensure precise autonomous hands-free operations maximizing safety from takeoff to landing—even on rapidly moving vessels.

Dynamic Sea States – launch & land in dynamic sea states > sea state 3

No deck equipment required.
Frees up space rapidly



SHIPBOARD INTEGRATION

Compact Footprint –
small footprint for space-constrained areas and for easy storage

Ship Compatibility –
Compatibility with shipboard command and control systems

Rapid Deployment –
Quick assembly and launch for time-sensitive missions.

Modular / Scalable Design

Allows for versatile interface options

MOSA / SOSA interface for up to 6" class EO/IR sensors

MOD Interface up to 2U payload integration

Drop-in Relay Module interface supports various datalinks

Custom Integrations Available through existing relationships with many advanced payload vendors



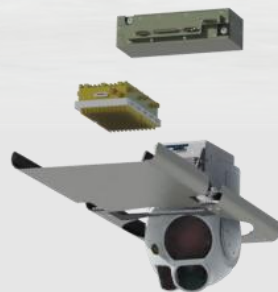
Mission-Ready Payload Integrations



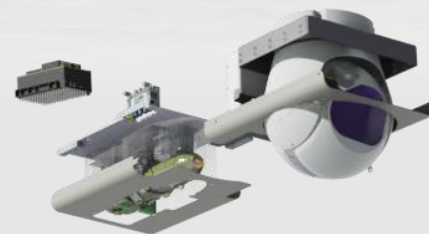
EO/MWIR + LD
NATO STANAG 3733 compliant laser designator
HoodTech 11EOIR5 or 11EOIR6
Trillium HD-80 MVS LD



EO/IR + NSP3 + AIS
HoodTech 06EOIR SAR



EO/MWIR + COMMS RELAY + SIGINT
L3 Harris or Silvus Comms Relay
CACI EW payloads



EO/ IR + HATCHET + SIGINT
STANAG 3733 LD
NGC Hatchet plus CACI

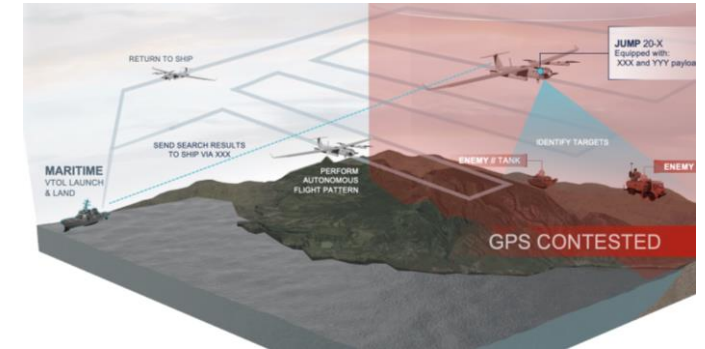


EO/ IR + CORVID SHRYKE
STANAG 3733 LD
2 x Corvid Shryke

Leverages Advanced AI & Autonomy

DOMINATE CONTESTED ENVIRONMENT | Flexibility and Resilience

JUMP 20-X engineered to excel in complex environments through the integration of advanced technologies, ruggedized aircraft design, and operational versatility including GNSS and Anti-Jamming Tech: Secure and precise positioning systems to maintain reliability in GPS-denied environments.



PRECISION LAUNCH AND LANDING | Hands Free Operation

JUMP 20-X integrated AI-enhanced capabilities designed for precise shipboard operations landing on moving ships, even in high sea states, using predictive algorithms to adapt to deck motion ensuring safe and accurate landings.



SPOTR-Edge™ | Visionary Intelligence

JUMP 20-X supports computer vision software SPOTR-Edge using edge compute for AI perception models and mission applications, for onboard detection, classification, localization and tracking of operationally relevant objects including people, vehicles and maritime vessels – day or night.



JUMP[®] 20-X

*Engineered for extreme maritime conditions
and fully marinized for maximum durability.*



One Aircraft. **Unmatched Versatility** Across Sea and Land

Built to conquer the harshest environments, the JUMP 20-X combines reliability with the simplicity of fully autonomous hands-free operations, maximizing safety from takeoff to landing on moving vessels in rough sea states.

With an impressive 30 lbs of multi-sensor payload capacity, this advanced uncrewed VTOL system delivers unmatched mission versatility for surveillance, reconnaissance, and target acquisition. Its Modular Open Systems Approach (MOSA) provides ultimate adaptability across any mission, domain, or environment, enabling seamless upgrades and customization to keep pace with evolving mission demands.



Questions
