



# Tactical UAV Solutions

Aeronautics is focused on providing advanced UAV systems tailored for modern battlefield needs, including GPS-denied environments and AI-driven surveillance. With ongoing engagements in India, the company is positioning itself for future defense collaborations, informs **EYAL AASENHAYM**, VP Marketing & BD at Aeronautics

### Has Aeronautics Group engaged in any collaborations with Indian defense firms or government agencies in 2024? If so, what are the specifics of these partnerships?

In 2024, while no formal collaborations were established, Aeronautics continues to view the Indian market as a key area of strategic interest, given its scale, importance, and growing potential within the defense sector. We remain committed to exploring future partnership opportunities and are actively positioning ourselves to contribute to India's evolving defense landscape. Our focus is on long-term growth and mutually beneficial collaborations that align with the needs of the market.

### Are there plans for the Orbiter series UAVs, such as the Orbiter 4 or Orbiter 2 LM, to be introduced or tested by the Indian Armed Forces this year?

We closely monitor developments in the region and remain open to future opportunities. Aeronautics is committed to providing advanced, high-performance solutions that align with the evolving needs of defense organizations worldwide, including those of India.

### What measures has Aeronautics Group implemented to ensure its UAV systems meet the specific requirements and operational environments of the Indian subcontinent?

Aeronautics' systems are positioned at the forefront of the tactical segment, renowned for

their robustness, reliability, and exceptional performance within their class. Our Unmanned Aircraft Systems (UAS) have consistently demonstrated operational effectiveness across a diverse global customer base, excelling in a wide range of challenging environments and extreme weather conditions. Given their proven capabilities, our systems are well-suited to meet the unique operational requirements of the Indian subcontinent

### Are there any upcoming projects or collaborations planned between Aeronautics Group and Indian defense entities?

We have had positive engagements with several leading stakeholders in the Indian market, laying a strong foundation for future opportunities. We are enthusiastic about the potential for meaningful partnerships in India and remain committed to exploring how we can contribute to the region's growth and success.

### How has Aeronautics adapted its UAS systems to modern battlefield requirements compared to counter-terrorism operations?

Our systems are actively deployed worldwide and consistently deliver effective solutions to a diverse

range of threats and challenges. We have integrated advanced capabilities, including enhanced surveillance features and robust protections for navigation and communication systems, ensuring reliable performance even in the most demanding environments.

### How does the Orbiter 3 UAS system



### operate in GPS-denied environments, and why is this significant?

The entire Orbiter family, including the Orbiter 3, has consistently demonstrated exceptional operational performance in complex and high-challenge environments. Notably, these systems are capable of operating effectively in GPS-denied areas, utilizing advanced

alternative navigation methods and technologies to maintain precise positioning and ensure mission continuity, even in the absence of GPS signals or under jamming conditions.

### What are the key features of the Orbiter 2 LM system, and how does it differ from the Orbiter 2 ISR system?

The Orbiter 2 LM system is a complementary companion to the Orbiter 2 ISR system. While the ISR variant is tailored for intelligence gathering and surveillance, the LM variant is specifically designed for engagement capabilities. Together, these systems create a fully integrated sensor-to-shooter solution, providing seamless and effective operational capabilities across a range of mission types.

### What role does artificial intelligence play in the Orbiter 2 LM system's capabilities?

The Orbiter 2 LM leverages advanced AI algorithms to enhance its target identification and tracking capabilities. By automating these tasks, the system reduces operator workload and improves operational efficiency. This smart technology enables faster, more accurate decision-making, ensuring optimal mission outcomes even in complex, fast-changing environments.

## ZETATEK TECHNOLOGIES

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