

Northwind Aerospace Corporation

Sentinel-X - Advanced ISR Platform

COMPANY OVERVIEW

Northwind Aerospace Corporation, established in 1985, is a leading provider of high-altitude long-endurance systems. Headquartered in United States, the company has delivered over 133 systems to 20 customers worldwide.

SYSTEM CAPABILITIES

Performance Parameter	Specification	Notes
Maximum Range	2313 km	With standard fuel load
Payload Capacity	500 kg	Usable payload weight
Service Ceiling	47,542 ft	Maximum operational altitude
Endurance	36 hours	At 75% payload capacity
Cruise Speed	211 knots	Typical ISR profile
Maximum Takeoff Weight	1,821 kg	MTOW
Wingspan	26.4 meters	
Power Plant	Heavy-fuel engine	

KEY FEATURES & DIFFERENTIATORS

- **Superior Performance:** Industry-leading range and payload capacity exceed all competitors
- **Proven Reliability:** 99.7% mission success rate across 50,000+ flight hours
- **Advanced Sensors:** State-of-the-art ISR suite with AI-enhanced target recognition
- **Global Support:** Worldwide logistics network ensures rapid deployment capability

OVERWATCH PROGRAM SUITABILITY

The Sentinel-X is specifically designed to meet and exceed OVERWATCH program requirements. With 2313 km range, the system exceeds the objective requirement by 16%. Payload capacity of 500 kg exceeds objective requirements, enabling full sensor suite integration.

CONTACT INFORMATION

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