

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 120 systems to 14 customers worldwide.

SYSTEM CAPABILITIES

| Performance Parameter | Specification | Notes |
|------------------------|---------------|------------------------------|
| Maximum Range | 2271 km | With standard fuel load |
| Payload Capacity | 478 kg | Usable payload weight |
| Service Ceiling | 49,970 ft | Maximum operational altitude |
| Endurance | 37 hours | At 75% payload capacity |
| Cruise Speed | 250 knots | Typical ISR profile |
| Maximum Takeoff Weight | 1,870 kg | MTOW |
| Wingspan | 24.4 meters | |
| Power Plant | Turboprop | |

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 2271 km range, the system exceeds the objective requirement by 14%. Payload capacity of 478 kg exceeds objective requirements, enabling full sensor suite integration.

CONTACT INFORMATION

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