

# 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

<b>Performance Parameter</b>	<b>Specification</b>	<b>Notes</b>
<b>Maximum Range</b>	<b>2271 km</b>	With standard fuel load
<b>Payload Capacity</b>	<b>478 kg</b>	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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