

# Arcturus Dynamics International

## Aurora-P - Advanced ISR Platform

### COMPANY OVERVIEW

Arcturus Dynamics International, established in 2001, is a leading provider of arctic and cold-weather operations. Headquartered in Canada, the company has delivered over 260 systems to 18 customers worldwide.

### SYSTEM CAPABILITIES

<b>Performance Parameter</b>	<b>Specification</b>	<b>Notes</b>
<b>Maximum Range</b>	<b>1438 km</b>	With standard fuel load
<b>Payload Capacity</b>	<b>321 kg</b>	Usable payload weight
Service Ceiling	49,455 ft	Maximum operational altitude
Endurance	24 hours	At 75% payload capacity
Cruise Speed	217 knots	Typical ISR profile
Maximum Takeoff Weight	2,304 kg	MTOW
Wingspan	19.5 meters	
Power Plant	Custom turbodiesel	

### KEY FEATURES & DIFFERENTIATORS

- **Arctic Capability:** Only system certified for operations down to -40°F
- **Cold Weather Sensors:** De-icing systems and winterized avionics package
- **Extreme Environment:** Proven performance in Arctic, high-altitude, and maritime conditions
- **Specialized Expertise:** 20+ years focus on cold-region UAV operations

### OVERWATCH PROGRAM SUITABILITY

The Aurora-P is specifically designed to meet and exceed OVERWATCH program requirements. While range of 1438 km is below threshold, enhanced endurance provides equivalent coverage capability. With 321 kg payload capacity, all required ISR sensors can be accommodated.

## **CONTACT INFORMATION**

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