

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

Performance Parameter	Specification	Notes
Maximum Range	1438 km	With standard fuel load
Payload Capacity	321 kg	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

Arcturus Dynamics International

Defense Programs Division

Email: sales@arcturus-defense.com

Phone: +1-411-720-7688

Cage Code: 13869