

# Meridian UAV Corporation

## Pathfinder-LR - Advanced ISR Platform

### COMPANY OVERVIEW

Meridian UAV Corporation, established in 2015, is a leading provider of modular architecture and innovation. Headquartered in United Kingdom, the company has delivered over 80 systems to 17 customers worldwide.

### SYSTEM CAPABILITIES

<b>Performance Parameter</b>	<b>Specification</b>	<b>Notes</b>
<b>Maximum Range</b>	1688 km	With standard fuel load
<b>Payload Capacity</b>	346 kg	Usable payload weight
<b>Service Ceiling</b>	51,754 ft	Maximum operational altitude
<b>Endurance</b>	24 hours	At 75% payload capacity
<b>Cruise Speed</b>	265 knots	Typical ISR profile
<b>Maximum Takeoff Weight</b>	2,180 kg	MTOW
<b>Wingspan</b>	19.8 meters	
<b>Power Plant</b>	Heavy-fuel engine	

### KEY FEATURES & DIFFERENTIATORS

- Modular Architecture:** Open systems approach enables rapid capability insertion
- AI-Ready Platform:** Pre-integrated for autonomous operations and machine learning
- Future Growth:** Scalable design supports next-generation sensor packages
- Digital Twin:** Advanced simulation environment reduces test time and costs

### OVERWATCH PROGRAM SUITABILITY

The Pathfinder-LR is specifically designed to meet and exceed Overwatch program requirements. The 1688 km range meets threshold requirements with margin for mission flexibility. With 346 kg payload capacity, all required ISR sensors can be accommodated.

## **CONTACT INFORMATION**

### **Meridian UAV Corporation**

Defense Programs Division

Email: sales@meridian-defense.com

Phone: +1-478-437-2981

Cage Code: 57833