



AERIE

MULTI INTERCEPTOR LAUNCH SYSTEM

AERIE is a joint development project undertaken by Rheinmetall Defence Australia (RDA) and Praetorian Aeronautics (PA).

SELF CONTAINED, HIGH CAPACITY C-UAS

The self-contained, deep-magazine system combines integrated sensors, a high-capacity launcher, and Praetorian Aeronautics' fully autonomous Arrow interceptors to provide sustained protection against massed UAS threats.

OPEN ARCHITECTURE

Designed for rapid deployment and minimal operator burden, AERIE systems are networked and coordinated through Praetorian's open-architecture Hadrian Battle Management System, enabling interceptors to be tasked for autonomous engagements at scale.

COMBAT MASS

Designed for integration across land and maritime domains, AERIE provides a distributed, scalable magazine of ready-to-launch interceptors for effective hard-kill counter-swarm capability against Group 1–3 UAS and other emerging uncrewed threats.

TECHNOLOGY EVOLUTION

The technical demonstrator is scheduled for first tests in Q4 2026 with a payload of 24 interceptors. The payload is targeted to increase through design iterations of AERIE and Praetorian's interceptor systems.

KEY FEATURES

Mission	C-UAS, Critical Infrastructure Protection
Target Groups (UxS)	Groups 1, 2, 3
Magazine	20+ fully autonomous C-UAS interceptors Multiple launch rack capable to suit different interceptor sizes and types
Range (kms)	Information available on request
Size	20ft ISO 668 containerised
Communications	Integrated telescopic, sensor-agnostic communications most enabling self-sufficient operation
Independent operation	24 hours
Interoperability	Nations: Australia, Coalition Protocols: Sapient, COT, ASTERIX Projects: LAND 156, AIR 6500
Transportability	Land relocatable via the ADF HX77 network
Technology Readiness Level	TRL 6 (within 12 months of project completion)
Technology sources	Australia