

THE A900

RELIABLE, ROBUST, MULTI-PURPOSE UAV HELICOPTER



Introducing the Alpha A900

The A900 is a STANAG-compliant, fuel-powered rotary UAV already deployed in 12 countries across the globe.

A robust and versatile platform, the A900 can be used for many missions, from ISR and border control to infrastructure inspection, communication relay, advance observation and as aerial targets.

The A900 includes an onboard generator providing up to 150W for power-intensive payloads, a laser altimeter and navigation lights. It is designed to operate in GPS denied environments.

Key Capabilities of the A900 Rotary UAV Platform

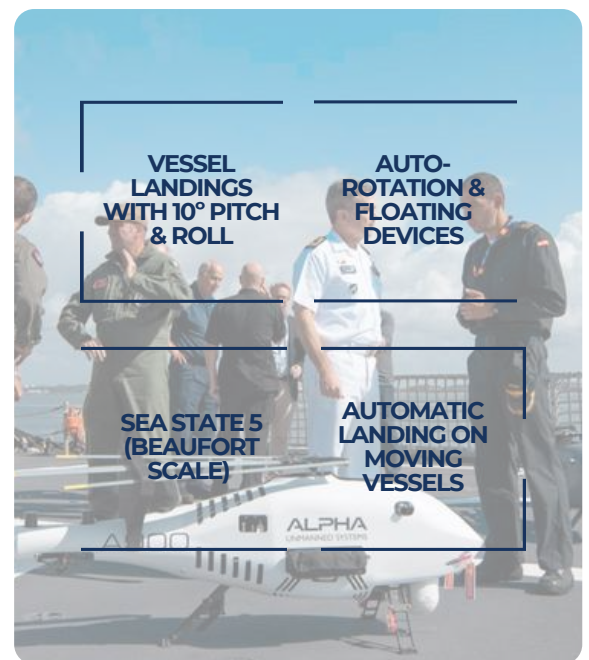
 4H FLIGHT AUTONOMY	 UP TO 8L FUEL TANK	 SPECIALIZED IN MARITIME MISSIONS	 AUTOROTATION
 UP TO 4 KG PAYLOAD CAPACITY	 FULLY AUTOMATIC MISSION EXECUTION	 REDUNDANT CRITICAL SYSTEMS	 UP TO A 100 KM RANGE

Tactical Applications

The A900 has been developed for high-stakes missions, where rapid deployment, simple operation, and seamless integration with tactical defense systems are critical to mission success.

- ▶ Maritime Surveillance
- ▶ SAR Operations
- ▶ Border Control
- ▶ Target Systems
- ▶ ISR Missions
- ▶ Key Infrastructure Inspection

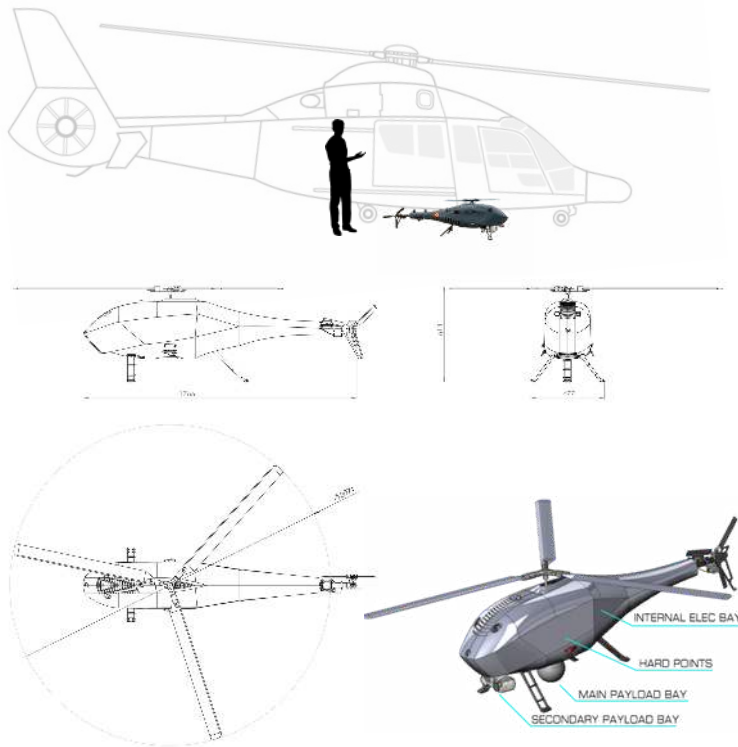
Weather Proof & Maritime Ready



Our Customers



A900 Specifications



ALPHA 900



- ▶ 4HR AUTONOMY
- ▶ 100KM+ RANGE
- ▶ <25KG MTOW
- ▶ 4KG PAYLOAD
- ▶ AUTOROTATION
- ▶ FUEL POWERED

- Cruise speed: 60-100 Km/h
- GPS denied navigation
- Boxer low vibration, fuel-powered engine
- Redundant critical systems
- Built for "STANAG" compliance
- Automated autorotation
- Fully autonomous flight
- Onboard 150W generator to power payloads
- Electrical components IP64 compliant or higher
- 4 payload bays for flexible, interchangeable sensors

Payload & Sensor Integration

The A900 supports a wide range of interchangeable and customizable payloads and sensors, including:

- ▶ EO/IR cameras
- ▶ LiDAR
- ▶ Cargo release mechanism
- ▶ Maritime AIS Radar
- ▶ IMSI capture

About Alpha Unmanned Systems

With over 10 years of experience working closely with the world's most important defense customers, Alpha's unmanned helicopters support key maritime security and ISTAR tactical missions.

Our rotary UAV platforms are fully autonomous and fuel powered, giving them unmatched range and mission flexibility. Alpha is an independent, privately held company and is ISO9001 certified.

