

UNCREWED AIRCRAFT SYSTEMS



ScanEagle is the most experienced, capable and reliable Group 2 UAS on the market.

With 18+ hours of endurance, award-winning readiness, an advanced suite of field-swappable payloads, battle-tested electronic resilience, and no-sacrifice Vertical Take-off and Landing, it's ready to fly whenever and wherever you are.

KEY FEATURES & BENEFITS

Resilient

- Operating in GPS-contested and denied environments since 2018
- Navigates via GNSS constellations and other GPS alternatives

Mature

- Backed by established support, logistics, and supply chains
- Two decades of experience training operators and maintainers

Reliable

- Flies on heavy fuel—safe, dependable, and readily available
- Battle-tested in the most extreme environments in the world, from the tropics to the Arctic
- Award-winning mission reliability rate (services)

Persistent

- 18+ hours of endurance and multi-spectral payloads enable day-to-night ISR
- Minimizes relief-in-place cycles and risk to assets/crew

Flexible

- Field-swappable payloads enable rapid reconfiguration
- Payloads include AI-assisted wide-area search, ISR, electronic warfare, comms relay, AIS, overwatch, targeting, and more
- Custom payloads can be quickly integrated to suit customer needs

Secure

- Stable communications ~80 nm from GCS
- Encrypted and resilient digital video and C2 datalinks



30 YEARS
OPERATIONAL
EXPERIENCE

1.5 MILLION
FLIGHT HOURS

GLOBAL
OPERATIONS

SYSTEM
MODULARITY

SERVICES,
ACQUISITION
AND FMS



OVER 3,500
PRODUCED

166,700
LAND AND MARITIME
SORTIES

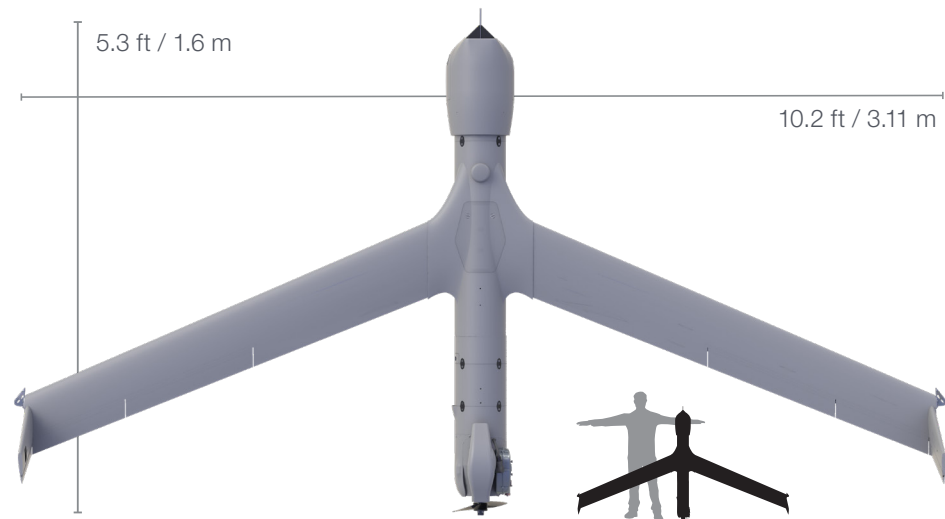
COMBAT-PROVEN
SINCE 2004

U.S. DEPARTMENT
OF DEFENSE
PROGRAM OF RECORD



VTOL option: FLARES electric battery-powered multicopter provides vertical launch and recovery for fixed-wing ScanEagle. No aircraft modifications required. Full range, endurance and payload capability preserved.

SPECIFICATIONS



SIZE, WEIGHT AND POWER

- Max takeoff weight: 62 lb / 28 kg*
- Max payload weight: 17 lb / 7.7 kg
- On-board power: Up to 150 W for payload
- Length: 5.6 ft / 1.71 m*
- Wingspan: 10.2 ft / 3.1 m

PERFORMANCE

- Endurance: 18+ hours*
- Ceiling: 19,500 ft / 5,950 m
- Max horizontal speed: 80 knots / 41.2 m/s
- Cruise speed: 50-60 knots / 25-30 m/s
- Engine: Heavy fuel (JP-5 or JP-8) or C-10 gasoline engine*

PAYLOAD OPTIONS

- Electro-optical (EO) camera and telescope
- Medium-wave infrared and EO for day-to-night operations
- Wide-area maritime search (AI-assisted)
- Synthetic Aperture Radar (SAR): MMTI/GMTI, CCD
- Laser range finder, laser pointer, and laser designator options
- Electronic warfare / SIGINT / comms relay
- AIS: Maritime vessel identification
- Alternative Navigation (Alt-Nav)

**Available in multiple block variants and configurations*