



ABOUT US

The world leader in unmanned aerial systems.

We invent and pioneer modern solutions for military, security, governance, environmental operations and more.

We support our customers with the greatest medium-altitude and small unmanned aircraft systems, and cutting-edge mission payload and exploitation technologies.

OUR MISSION

Provide persistent, versatile, affordable airborne surveillance and effects, and turn surveillance data into actionable intelligence.

Modernized Gray Eagle® ER

PERSISTENT BY DESIGN. DETERRENT BY EFFECT.

The **Modernized Gray Eagle® ER (GE-ER)** is a survivable and strategic Unmanned Aircraft System (UAS) that provides forces with long-endurance aerial Reconnaissance, Surveillance, and Target Acquisition (RSTA) capabilities for large-scale combat operations. With more than 1M hours of proven RSTA performance, the Modernized GE-ER delivers critical real-time intel and kinetic capabilities when the mission demands it. Agile and versatile, the GE-ER easily adapts to the mission and quickly evolves with the demands of the 21st century battlespace. From automatic takeoff and landing to being the first U.S. Army aircraft to be controlled over GEO, LEO, and PLEO, GE-ER stands the test of time and is a powerful advantage for today's warfighters that's ready to fly now.

CHARACTERISTICS

WINGSPAN

58 ft/17 m

LENGTH

28 ft/9 m

POWER PLANT

200-hp Heavy Fuel Engine (HFE) 2.0

MAX GROSS TAKEOFF WEIGHT

4,200 lb/1,905 kg

FUEL CAPACITY

900 lb/408 kg

PAYLOAD CAPACITY

400 lb/181 kg, internal
500 lb/227 kg, each wing
500 lb/227 kg, centerline

WEAPONS

4 Hellfire missiles

POWER

28 Vdc/9 kW

PAYLOADS

EO/IR, SAR/GMTI, and communications relay

MAXIMUM PERFORMANCE

ALTITUDE

25,000 ft

ENDURANCE

40+ hr

AIRSPEED

167 KTAS

Modernized Gray Eagle® ER

PERSISTENT BY DESIGN. DETERRENT BY EFFECT.

FEATURES

- Controllable from U.S. Army Universal Ground Control Station and laptop-based Expeditionary Ground Control Station
- Triple-redundant flight control system
- Dual-redundant flight control surfaces (ailerons, flaps, and ruddervators)
- Automatic takeoff and landing
- De-icing system for wings and tails
- TCDL line-of-sight communications
- Over-the-horizon Ku-band SATCOM
- Over 90% system operational availability
- C-130 transportable
- Dual-rail Hellfire launcher
- Triple UHF/VHF SINCGARS radios with winglet antennas
- EagleEye® Multi-Mission Synthetic Aperture Radar with terrestrial, maritime, and moving target tracking
- Upgraded HFE 2.0 with increased horsepower, reliability, and maintenance-free periods



CONTACT US

14200 Kirkham Way
Poway, CA 92064
+1 (858) 312-2810



SCAN TO LEARN MORE