



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.

Gray Eagle 25M

STANDOFF SURVIVABILITY WITH STAND-IN CAPABILITY

Gray Eagle 25M modernizes the Army's mainstay unmanned aircraft with enhanced performance, expeditionary mobility, and increased multi-domain capability. A robust new engine and advanced MOSA-compliant avionics allow for a revolutionary suite of onboard sensors and control of Air-Launched Effects, providing intelligent teaming and versatile stand-in effects. Gray Eagle 25M enables advancements and mission customization at the speed of emerging threats to deliver information dominance in a class of its own.

CHARACTERISTICS

WINGSPAN

58 ft/17 m

LENGTH

28 ft/9 m

POWER PLANT

HFE 2.0 – 200-hp heavy-fuel engine

MAX GROSS TAKEOFF WEIGHT

4,400 lb/1,996 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

8 Hellfire missiles

POWER

Brushless 28 Vdc/14 kW
(redundant 7-kW generators)

PAYLOADS

EO/IR, long-range SAR with GMTI and maritime capability, and communications relay

TAILORABLE MISSION CAPABILITY

COMINT, ELINT, and Air-Launched Effects (ALEs)

MAXIMUM PERFORMANCE

ALTITUDE

25,000 ft

ENDURANCE

40+ hr

AIRSPEED

167 KTAS

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FEATURES

- MOSA- and FACE 3.0-aligned aircraft and ground architecture
- Controllable from U.S. Army Laptop Control Station
- Resilient GPS and communications
- Triple-redundant flight control system
- Dual-redundant flight control surfaces (ailerons, flaps, and ruddervators)
- Automatic takeoff and landing
- De-icing capability for wings and tails
- TCDL line-of-sight communications
- Over-the-horizon Ku- and Ka-band SATCOM
- Over 90% system operational availability
- C-130 transportable
- Dual-rail Hellfire pylons
- Software-defined UHF, VHF, SINCGARS, and Link 16 communications
- Matching 2,500-hour TBR on engine, gearbox, generators, and high-pressure fuel pump



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SCAN TO LEARN MORE