

GRAY EAGLE

Armed Persistence



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OBJECTIVE

Provide a long-endurance, persistent Intelligence, Surveillance and Reconnaissance (ISR) and tactical strike capability.

CHARACTERISTICS

Wing Span:	56 ft (17m)
Length:	28 ft (9m)
Powerplant:	Thielert 165 HP heavy-fuel engine
Max Gross Takeoff Weight:	3,600 lb (1633 kg)
Fuel Capacity:	575 lb (261 kg)
Payload Capacity:	575 lb int. (261 kg) 500 lb ext. (227 kg)
Weapons:	4 Hellfire missiles
Payloads:	EO/IR SAR/GMTI Communications relay
Power:	9 kW (redundant)

PERFORMANCE

Max Altitude:	29,000 ft (8839.2m)
Max Endurance:	25 hr
Max Air Speed:	167 KTAS

FEATURES

- Controllable from U.S. Army One System Ground Station or GA-ASI GCS
- Triple-redundant flight control system
- Redundant flight control surfaces
- Redundant automatic takeoff and landing
- De-ice wings and tails
- TCDL line-of-sight satellite communications
- Over-the-horizon Ku-Band SATCOM
- TCDL air data relay communications
- Over 90% system operational availability
- C-130 transportable
- Automatic takeoff and landing system

