

# GRAY EAGLE™

Armed Persistence



# GRAY EAGLE



## Extended Range/Multi-Purpose (ER/MP) Aircraft for U.S. Army Operations

### OBJECTIVE

**Provide a long-endurance, persistent Intelligence, Surveillance, 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:	600 lb (272 kg)
Payload Capacity:	575 lb int. (261 kg) 500 lb ext. (227 kg)
Weapons:	4 Hellfire missiles
Power:	9 kW, redundant
Payloads:	EO/IR SAR/GMTI Communications relay

### SYSTEM FEATURES

- Controllable from U.S. Army One System Ground Station
- 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

### PERFORMANCE

Max Altitude:	29,000 ft
Max Endurance:	30 hr
Max Air Speed:	150 KTAS