



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.

Avenger® ER

NEXT-GENERATION MULTI-MISSION ISR

General Atomics Aeronautical Systems, Inc.'s **Avenger® Extended Range (ER)** is a high-speed, long-endurance, multi-mission remotely piloted aircraft system designed to perform wide-area surveillance, time-sensitive strike operations, and a host of other military and civilian missions. Leveraging jet-derived features, Avenger ER delivers rapid transit speeds and high operational tempo, giving users the ability to support quick-response requirements and rapidly reposition for increased mission flexibility and survivability. As a multi-role aircraft, Avenger ER offers a low operating cost and high-altitude persistence, making it the ideal platform to augment existing low-density, high-demand systems and extend mission reach.

CHARACTERISTICS

WINGSPAN

76 ft/23 m

LENGTH

44 ft/13 m

POWER PLANT

Pratt & Whitney PW545B turbofan

MAX GROSS TAKEOFF WEIGHT

18,900 lb/8,573 kg

FUEL CAPACITY

9,500 lb/4,309 kg

PAYLOAD CAPACITY

9,000 lb/4,082 kg
(3,000 lb/1,361 kg, internal;
6,000 lb/2,721 kg, external)
860 lb/390 kg, forward bay
6 external hardpoints

WEAPONS

GBU variants up to 2,000 lb/907 kg

PAYLOADS

High-definition video
Electro-optical/infrared sensor
Multi-Spectral Targeting System
MS-177 sensor
Due Regard Radar

POWER

21 kW redundant system

PERFORMANCE

MAX ALTITUDE

50,000 ft (15,240 m)

MAX ENDURANCE

20 hr

MAX AIRSPEED

400 KTAS

Avenger® ER

NEXT-GENERATION MULTI-MISSION ISR



FEATURES

- Jet performance and reliability
- Reduced detection baseline features
- Internal stores carriage
- Multiple payload capacity
- Triple-redundant avionics
- Dual-redundant flight controls
- Hybrid electro/mechanical anti-lock brake system
- Active lift control spoilers
- Compatible with all GA-ASI Ground Control Stations
- Heavy-weight-capable landing gear
- Serpentine engine inlet and an S-shaped exhaust
- Mission autonomy with A-GRA compliance
- Demonstrated mission autonomy skills include:
 - » Collaborative multi-ship operations
 - » Autonomous target detection, tracking, and cueing
 - » Dynamic route and mission replanning
 - » Manned-unmanned teaming



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