

SHADOW® 200 TUAS

TEXTRON Systems



The world's foremost, battlefield-proven tactical unmanned aircraft system (TUAS)

AAI is a world leader in the design, production and sustainment of tactical unmanned aircraft systems in support of warfighters and peacekeeping missions.



SHADOW 200 TUAS: THE EYES OF THE COMMANDER



Our Shadow 200 aircraft, known as the “eyes of the commander,” have exceeded 500,000 flight hours, more than 90 percent of which have been in support of Operations Iraqi Freedom and Enduring Freedom. The Shadow aircraft’s data link transmits full-motion video, during both day and night, of targets up to 125 kilometers (km) from the ground control station. The electro-optic/infrared, or EO/IR, payload can detect targets at a 10-km slant range from a Shadow aircraft flying at 15,000 feet (ft.).

Furthermore, our One System® Ground Control Station transmits imagery and telemetry data directly to the Joint Surveillance Target Attack Radar System, the All Sources Analysis System and the Army Field Artillery Targeting and Direction System in near real time, delivering an unequalled interoperability network of intelligence-gathering capabilities.

As a quick-deployment asset, Shadow 200 TUAS can be flown anywhere in theater using a Lockheed Martin C-130 Hercules® aircraft.



The Shadow 200 aircraft has been enhanced with extended wings for superior endurance.



A ground crew can prepare a launcher and ready a Shadow 200 aircraft for flight in a matter of minutes. The hydraulic launcher mounts on a standard, high-mobility trailer.



U.S. Marines ready an aircraft for an intelligence-gathering sortie linked to a One System Ground Control Station in the background.

SYSTEM SPECIFICATIONS

Performance

- Endurance nine hours
- Maximum altitude 15,000 ft. or 4,572 meters (m)
- Maximum speed 110 knots (kts) or 203 kilometers per hour (kph)
- Cruise speed 90 kts (166 kph)
- Loiter speed 65 kts (120 kph)

Features

- Advanced composite construction
- Combat-proven hardware
- Rotary engine with proven performance
- Multiple payload capability
- Multiple launch and recovery flexibility
- Operates with motor gasoline, or MOGAS
- Modular system design for deployment flexibility
- Searchable digital archive and retrieval system

Technical Data

- Length 11.8 ft. (3.6 m)
 - Wingspan 20.4 ft. (6.2 m)
 - Payload capacity 45-80 pounds (lb.) or 36 kilograms (kg)*
 - Maximum gross weight 460 lb. (208 kg)
- *depending on mission profile and payload options

For additional information, please contact:

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