

CAST A POWERFUL SHADOW®



THE STANDARD-BEARER DIGITAL, MULTI-MISSION TUAS

Textron Systems' Shadow® Tactical Unmanned Aircraft System is proven over approximately one million flight hours for customers including the U.S. Army, Marine Corps, Special Operations groups, the Australian Defence Force, and the Swedish and Italian armed forces. More than 85 percent of those flight hours took place in combat operations, under the most strenuous operational needs and environmental conditions. Today's Shadow Version 2 (RQ-7B V2) is an all-digital, modern system, optimized for new multi-mission, single-sortie profiles and manned/unmanned teaming, and paired with our interoperable Universal Ground Control Station (UGCS) and remote products for real-time information delivery across the battlespace.



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TEXTRON Systems

THE MOST RELIABLE, CAPABLE TUAS FOR YOUR MISSION

Textron Systems' Shadow V2 TUAS, designated RQ-7B V2 by the U.S. Department of Defense, delivers proven performance with enhanced mission sets, along with Textron Systems' unmatched battlefield experience — for a total capability far beyond the typical TUAS.



Textron Systems' Fury is a small, powerful precision glide weapon designed by the experts within our Weapon & Sensor Systems team. The company has conducted successful live-fire testing of the Fury from the Shadow aircraft.



Our UGCS is the U.S. Army's common command-and-control station, a digital, highly reliable platform meeting NATO and military interoperability standards.



A small crew can prepare the Shadow aircraft for launch in minutes. The Australian Defence Force has deployed its Shadow systems successfully both domestically and in overseas operations.

BENCHMARK-SETTING PERFORMANCE AND RELIABILITY

Today's Shadow V2 TUAS delivers increased endurance and payload capacity over previous versions, as well as an expanded data pipeline for greater information assurance and real-time dissemination. Building on its proven record of success in combat, the Shadow system has earned its benchmark status for reliability and performance under even the most strenuous operating conditions.

AIRCRAFT SPECIFICATIONS

- Maximum gross weight: 467 pounds (lbs.) (212 kg)
- Maximum payload weight: 80 lbs. (36 kg)
- Maximum endurance: 9 hours
- Wingspan: 20 feet (6 m)

POWERFUL MULTI-MISSION CAPABILITY

The Shadow aircraft excels in its intelligence, surveillance and reconnaissance role, and is equipped for additional simultaneous mission sets including communications relay and optional laser designation. The Shadow V2 adds a high-bandwidth, encrypted data link that enables the aircraft to carry payloads ranging from high-definition video to secure control for prosecution missions.

Wing-mounted hard points also enable the provision of external payloads. Textron Systems has demonstrated the Shadow aircraft with its own powerful, lightweight Fury™ precision weapon.

Our UGCS equips the Shadow RQ-7B V2 TUAS for manned/unmanned teaming and new mission profiles. The U.S. Army has teamed the Shadow system with its Apache helicopter fleet within combat aviation brigades for a highly effective scouting solution.

When integrated with our family of remote products, including the U.S. Army program of record One System® Remote Video Terminal or OSRVT™, Textron Systems can deliver bi-directional control of the Shadow aircraft's day/night camera sensors to manned aircraft, other unmanned systems, ground vehicles and dismounted users.

UNPARALLELED EXPERIENCE

Textron Systems is a pioneer in unmanned aviation, with three decades of experience working alongside our customers in some of the world's harshest operating environments. We support our superior systems with skilled operations and maintenance support, sustainment and upgrades, training and supply chain management — for a total TUAS solution that delivers value over time.

Proven and continuously improved with forward-thinking enhancements, the Shadow system is the TUAS of choice for military leaders around the world. Today's Shadow builds on that performance with powerful new capabilities to equip the warfighter for multi-mission success.

Textron Systems Unmanned Systems

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