

IMPROVED SHADOW[®] TUAS



Textron Systems' improved Shadow Tactical Unmanned Aircraft System (TUAS) builds on the proven RQ-7B program of record system with >22 years and over 1.3 million flight hours in support of the U.S. Army, Marine Corps, Special Operations Forces, Australian Defense Force, Swedish and Italian armed forces. Improved Shadow TUAS provides organic support to the maneuver commander, with more than 85 percent of its flight hours in combat. It has successfully supported the warfighter in some of the most strenuous operational and challenging environmental conditions. Today's improved Shadow TUAS is the latest V2 Block III configuration and is an all-digital system, optimized for new multi-mission, single-sortie profiles and manned-unmanned teaming. Pair it with our interoperable Universal Ground Control Station (UGCS) and remote products for collaboration across the battlespace.

[TextronSystems.com](https://www.textron.com)



TEXTRON Systems

► PUSHING PAST POSSIBLE

ENABLING THE FUTURE TODAY

Introduced to U.S. Army Combat Aviation Brigades and Special Forces Groups starting in FY22. The improved Shadow TUAS addresses critical warfighter needs with:

- > 60% reduction in acoustic signature
- > Flight in adverse weather (2 in rain per hr)
- > Greater standoff with modern high-definition EO/IR/LD payload
- > Increased engine power (24%) with high reliability 1103 water cooled engine
- > New high performance computer supports emerging mission payloads complimenting FVL CFT efforts
- > Increased payload capacity
- > Advanced communications relay: PRC-152A with FM-SINGARS-UHF HQ relay and 2 x Channel VOIP (air/ground)
- > Enhanced manned-unmanned teaming with Level of Interoperability - 4 demonstrated with AH-64E and OSRVT™

KEY SPECIFICATIONS



PAYLOAD

95 lb (43 kg) up to 500 watts of power



MAX TAKEOFF ELEVATION

10,500 ft (3,200 m) density altitude



ENDURANCE

8 hr



RANGE

77.6 mi (125 km) line of sight



MAX TAKEOFF WEIGHT

535 lb (243 kg)



CEILING

16,000 ft (4,877 m)



MAX WINGSPAN

20.4 ft (6.2 m)



Demonstrated manned unmanned teaming (MUM-T) with Combat Aviation Brigade (CAB) AH-64's



Designed for rugged and austere environments



Our Soldier Portable OSRVT (SPOT) Army Program of Record delivers encrypted full-motion video and geospatial data direct to the tactical edge