

M600 RUSC: Mission-Ready UAV Support



In the field, UAV servicing bottlenecks limit operational tempo. The makeshift combination of barrels, pumps, and fluid carts creates delays, requires multiple personnel, and introduces safety risks. The M600 Rapid UAV Support Cart changes everything.

Complete UAV Servicing Solution

The M600 RUSC handles fuel, fluids, and tire/strut maintenance in a single cart. This purpose-built system transforms what was once a multi-person, multi-hour process into a streamlined operation one technician can manage safely.

Military-Grade Capabilities

Engineered for forward operations with redundant systems for mission assurance. The self-contained design creates a remote refueling point anywhere needed, with multiple power options ensuring operational capability in all conditions.

Field-Proven Performance

Currently supporting military operations in diverse environments, the M600 RUSC performs reliably in temperatures from -25°F to 110°F. Its all-weather construction and sealed systems ensure continuous operation in demanding conditions.



“The time necessary to defuel has been cut dramatically using the M600. We have found it to be exceptionally useful. For defueling and sumping, the M600 is our first choice, by far.”

— 1106TH TASMG, CALIFORNIA ANG, FRESNO, CA



Key Operational Benefits

- **Increases Aircraft Availability:** Minimizes UAV ground time
- **Enhances Safety:** Reduces fuel handling exposure with comprehensive safety features
- **Maximizes Resources:** One operator can perform complete servicing with minimal training
- **Recovers Fuel:** Filtered fuel can be reused, eliminating waste
- **Reduces Logistics Footprint:** One system replaces multiple equipment pieces

Safety Features

- Double-walled stainless steel tank construction
- Aviation-grade dual-stage filtration with Coalescer cartridge
- Carbon-impregnated, static dissipating refueling hose
- Oversized spill kit and dual fire extinguishers
- Emergency E-Stop button for immediate shutdown
- Sealed LED lighting for safe operation around fuel vapors

Technical Specifications

Capacity	600 gallons (2,271 liters) nominal
Dimensions	156" x 77" x 62" (396 cm x 196 cm x 157 cm)
Weight	2,780 lbs (1,261 kg) empty; 6,980 lbs (3,116 kg) full
Performance	15 GPM (57 LPM) refueling/defueling
Power	Dual 12V Optima Blue Top batteries (NATO 24V)
Transport	Fork pockets, D-rings, heavy-duty tie downs for airlifting
Environmental Rating	-25°F to 110°F (-34°C to 43°C) operating

Available through DLA, GSA, Foreign Military Sales, or Depot Contracts, the M600 RUSC delivers a mission-critical capability for UAV operations.