

AWS AIRCRAFT WASHING SYSTEM



- U.S. NAVY AND U.S. ARMY APPROVED FOR WASHING FIXED-WING AND ROTARY AIRCRAFT
- 140°F HOT WATER WASH AND RINSE
- HIGH-PRESSURE FOAMER
- SAFE-FOR-AIRCRAFT 175 PSI
- COMPLETELY SELF-CONTAINED
- IDEAL FOR ANTI-CORROSION PM OF CIVIL AND MILITARY AIRCRAFT
- EASILY TRANSPORTED
- DUAL WANDS FOR FASTER WASHING

AWS SETS THE STANDARD IN AIRCRAFT WASHING

The Riveer Environmental AWS was designed in conjunction with the U.S. Army for aircraft cleaning in Kuwait. Particular attention was paid to the harsh desert environment and the need to build in reliability for remote operations. Our superior design, including a pressure washer rated to perform aircraft washes and meet the washing and pressure guidelines in TM 1-1500-344-23-2, has won us competitive contracts for AWS equipment from both the Army and Navy.

The AWS is simple to operate and maintain. The trailer-mounted unit is completely self-contained and will operate in a broad range of environmental conditions from 34°F to 140°F. Little operator training is needed; our one-button GripStart™ system starts and stops the unit, and all pumping and shutdown are automatic.

The system sprays 12 gallons per minute, applying 170 psi. The system meets stringent TM requirements for aircraft wash, rinse, and decontamination procedures by having pressure low enough to not damage equipment while at the same time providing a substantial flow of water. This high flow cuts cleaning time dramatically by effectively and efficiently washing large areas.



Adheres to:
T.O. 1-1-691, Aircraft Weapon
Systems Cleaning and Corrosion
Control (NAVAIR 01-1A-509,
TM 1-1500-344-23-2)



Higher flow foam gun (Foamer optional)



Runs on JP-8 or diesel



Sustainable Washing Systems

AWS Aircraft Washing System

This efficiency is further supplemented by the presence of dual guns for two users and 200' of total reach. In addition, the system can easily spray 30' in order to clean large structures.

The system is designed to be easy to operate. It features GripStart™, a single-button technology for starting and stopping the system and tamper-proof pressure regulation to eliminate the need for calibration while still ensuring that TM requirements are met. Additionally, the angle of the spray nozzle can be easily adjusted by the user to meet the needs of each cleaning job. Auto-start and shutdown technology automates the pumping cycle to ensure minimum pump wear.

AWS operates on JP-8 or other common aircraft fuels or diesel. It can be supplied with onboard or external supplies of water for continuous use when a clean water supply is available. Water can be held in a 500-gallon tank with baffles that allows for a lengthy run time when no water is nearby. The baffles reduce the free surface effect so that tank transportation is not a safety hazard.



ADDITIONAL FEATURES

- Water-cooled diesel engine
- 20-gallon soap capacity
- Adjustable water/soap mixture up to 25:1
- 6" to 28" tow bar height
- Tow with HMMV, TUG, or other common AGE
- LED-recessed light package
- Hot water to 140°F
- Fully boxed custom frame
- Surge brakes
- Transportable in accordance with MIL-STD-209, 1791, and 913
- Unrestricted highway use
- Run dry protection
- AGE retracting grounding cable
- Self-contained and stand-alone
- AGSE parking brake and DOT trailer
- Min. 12-hour operation with onboard fuel
- Internal and externally air transportable
- Onboard storage for components, spares, and support equipment
- NEMA 4 electrical construction

AWS SPECIFICATIONS

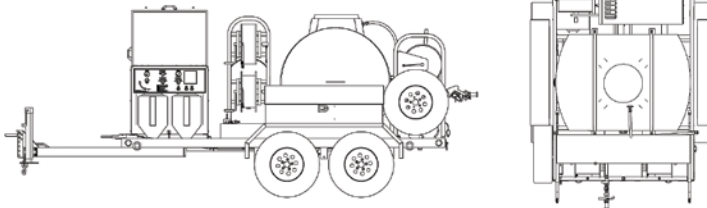
P/N: AWS/P10170DT/M

Dry weight: 2500 #

I/w/h: 196" x 91.5" x 83.5"

(fits inside standard shipping container)

CAGE: 5X781



BUILT TO STANDARDS:

- **NEC 2005:** National Electric Code as adopted for 2005
- **MIL-STD-461:** Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
- **MIL-STD-209K:** Interface Standard for Lifting and Tie Down Provisions
- **MIL-STD-810F:** Environmental Engineering Considerations and Laboratory Tests

The Riveer AWS is the only AWS that fits in a standard 20' ISO shipping container for OCONUS shipments.



Riveer Environmental employs a quality management system that is ISO 9001:2008 certified.
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