ARC

Aircraft Rinse Cart



U.S. NAVY AND U.S. ARMY APPROVED FOR RINSING FIXED WING AND ROTARY AIRCRAFT

IDEAL FOR ANTI-CORROSION PM OF CIVIL AND MILITARY AIRCRAFT

SAFE-FOR-AIRCRAFT 175 PSI

APPROVED FOR WASHING FIXED WING AND ROTARY AIRCRAFT

COMPLETELY SELF-CONTAINED

DESIGNED FOR FLIGHT LINE A.G.E. TOWING

DUAL WANDS FOR FASTER RINSING

ARC™ SETS THE STANDARD IN AIRCRAFT RINSING

Designed in conjunction with U.S. Navy for aircraft rinsing, the Riveer Aircraft Rinse Cart (ARC™) meets with flying colors the criteria for dependable performance in brutal environments and remote airfield operations. The ARC's rugged design includes a pressure washer rated to perform aircraft rinses and meet the rinsing and pressure guidelines in TM 1-1500-344-23-2.

The system sprays 10 gallons of water per minute out of each wash wand, applying a safe-for-aircraft 175 PSI. This helps meet the stringent TM requirements for aircraft rinse and decontamination procedures. The ARC is low-pressure to avoid equipment damage while providing an effective stream for rinsing joints, hinges and other areas of entrapment.

ANTI-CORROSION

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

GripStart™



ARC is the perfect tool for remote corrosion prevention.



Add two extra guns (4 total, all spraying 10GPM @ 125PSI) and/or hot water for even quicker cleaning capability.

RIVEER™

ARC's high flow rate cuts rinsing time dramatically by efficiently rinsing large areas. This efficiency is further supplemented by the presence of dual guns for two users and 200' of total reach. Simultaneous use of the dual guns will not negatively impact flow rates. In addition, the spray can easily extend 40' for rinsing tail sections and larger aircraft.

ARC is simple to operate and maintain. The trailer-mounted unit is completely self-contained and stand-alone, and will operate in a broad range of environmental conditions (from 34F-140F). Minimal operator training is needed.

ARC operates on JP-8 or other common aircraft fuels or diesel. It can utilize an external clean water supply when available. A 1,000 gallon (2,000 gallon tank optional) water capacity allows for a lengthy run time to maximize time on station and minimize refill requirements.



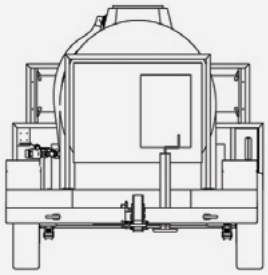


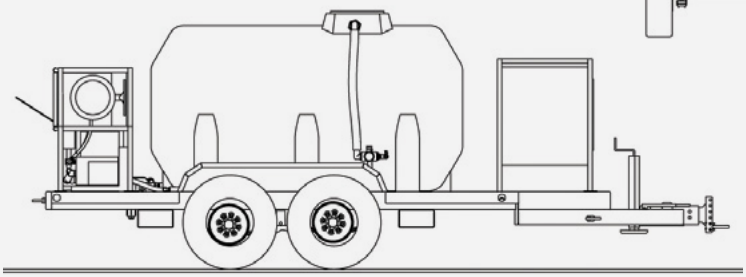


The ARC can be towed with HMMV, TUG, or other common AGE. It features a 6" to 28" tow bar height, surge brakes, stout and fully boxed trailer construction and a 14,000 lbs. axle set rating. Baffles help to stabilize the tank by reducing the free-surface effect. ARC is transportable in accordance with MIL-STD-209, 1791, and 913.

ARC™ SPECIFICATIONS

NSN: 4920015703856
Dry Weight: 4,200 lbs.
Dimensions: 230" L x 90" W x 88" H
CAGE: 5X781





BUILT TO STANDARDS

NEC: 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

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

- Run dry protection
- Auto fill for unattended fill-up
- Low RPM CARB tier 3 generator
- AGE retracting grounding cable
- AGSE parking brake and DOT trailer
- Min. 12-hour operation with on-board fuel
- On-board storage for components, spares, support equipment
- NEMA 4 electrical construction
- Water-cooled low RPM diesel generator
- Variable angle spray nozzle
- Advanced AGM battery for long storage life and exceptional power
- Fully ruggedized structure with custom frame to provide a low center of gravity
- Perimeter protection bumper to prevent damage to frame
- Automatic shut down for low pressure and high temp
- IEC CE standard components
- Easily drained for storage and transport with large dump valves
- Available with hot water and/or two additional guns

ADDITIONAL OPTIONS

- Hot water at aircraft safe 140F (upgrades to 3 axle running gear)
- 2,000 gallon tank (upgrades to 3 axle running gear)
- Four Gun Operation @ 10 GPM EA
- Galvanized frame and structure
- Foam spray up to 25' with air compressor
- 2,000 hour spares kit