

## Kraft Assists Riveer with Mobile Aircraft Wash Cart for US Military and Allied Forces

**The powerful, compact wash solution can potentially save the U.S. military and its allies significant dollars**

Since 1983, Riveer has been a leader in industrial and military-grade wash systems and wash racks. In particular, the company's ACDS



ACDS mobile wash cart

System is used by military aviation customers for maintenance and corrosion. The special paint used on military vehicles to avoid detection is prone to corrosion, costing the U.S. Military significant dollars for repairs. To provide a mobile solution

for more cleaning options, Riveer needed a partner that could provide hydraulic and electronic control systems to deliver a wash system portable and safe enough for military vehicles.

### Challenge

All the required components had to fit into a profile small and light enough to transport inside a CH-47 Chinook helicopter, while still providing the power to remove dirt matching or exceeding hard-mounted foam systems.

### Solution

Kraft shared its mobile hydraulics and controls design expertise to supply quality products that contained the power density needed for the ACDS. The solution includes an ASA Hydraulik cooler and various Danfoss products including an easy to use controller to decrease the learning curve for operators.

### Results

Having the ACDS along in deployed situations brings a legitimate wash and maintenance solution to the front line, greatly reducing maintenance times and manpower. The new solution is more intuitive and simpler to use offering more options to complete the job correctly, thereby mitigating corrosion and providing significant saving to the U.S. Military and allied forces.

## HIGHLIGHTS

### CLIENT NAME

Riveer Aviation

### LOCATION

South Haven, Michigan

### PROFESSIONAL SERVICES

- Design & Engineering
- Field Sales Application Expertise
- Testing & Validation

### EQUIPMENT SPECIFIED

- ASA Hydraulik H-Cube Cooler
- Danfoss Plus+1 Controllers
- Danfoss DP710 Plus+1 Display
- Danfoss PVG 32 Valves
- Danfoss Bi-Directional Motors
- Danfoss Series 45 Axial Piston Pump
- Danfoss Temperature Sensor
- Danfoss Pressure Transmitter

### RESULTS

- Powerful, Safe Thorough Cleaning
- Reduced Maintenance & Manpower
- Saves Militaries Time & Money

### CLIENT QUOTE

*"The Kraft team truly understood our needs and never lost focus of the mission at hand. Both sales and engineering staff had the technical knowledge we needed, as well as the required soft skills to make working alongside them a pleasant experience. We always felt like a priority to Kraft."*

- Jeff Rowan,  
Director of Military Programs