



On-Wing Engine Compressor Washing System (AJW-109A)

The standard system consists of two tanks. One 30 Gallon tank to hold water and one 30 Gallon tank to hold more water or detergent.

The hot water/detergent tank can electrically heat up the water/detergent content up to 160 Degrees Fahrenheit through an On- Demand water/detergent heating system.

The electrically driven pump on the metal frame of the rig can deliver up to 10 GPM of adjustable pressurized fluid into the delivery hoses. Unlike other injection systems, our system eliminates the need for carrying and servicing nitrogen bottles to pressurize the tanks.

The delivery hose can be (depending on the operator's choice) connected to J shaped Probes (Wands, Lances) or J hooks (2 provided with basic system) which are entered from the back of the bypass duct and then held tight against the core case in front of the 1st stage stators ahead of 2nd stage compressors. This is to ensure 100% water/detergent injection into the engine core. This method also eliminates opening of the Cowlings and Thrust Reversers and reduces the time spent for a complete engine wash.

AJW-109A has a sturdy folding tow bar and braking system.

The overall dimensions: 7 feet long (with folded tow bar), 5 feet tall and 3 feet wide.

The control panel on the rig has illuminated gauges which allow the operator to turn switches to activate the pump for water/fluid delivery or heating.

On Board Equipment

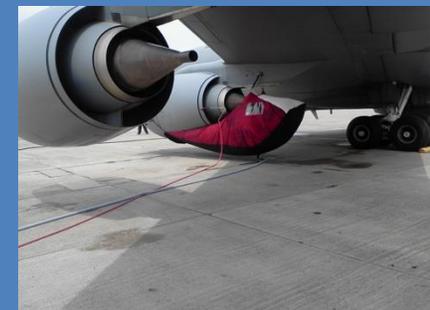
- ✓ Water/Detergent Injection delivery system (Standard)
- ✓ Effluent Collection System (Capturing System) (Standard)
- ✓ 2 Injection Probes (Universal Telescopic J Hooks)
- ✓ Generator(optional)

We proudly introduce AJW-109A

The equipment mentioned in this document has either been patented and/or has a patent pending status

Capabilities

- 1- Injection of up to 10 GPM depending on operator's request
- 2- Heated Tank of up to 160-degree F of water or detergent
- 3- Effluent Collection System (bag)



Our effluent collection system is the only system in the world that collects ALL the effluent coming out of the tail pipe and the engine while performing engine compressor wash. This system encapsulates the engine. There is a screened vent on top of the suit to allow excess air to escape the suit to prevent over inflation of the suit. The material this suit is made of is of a space age fabric which is extremely light and durable and has proved to be ideal for its purpose. This suit conveniently fits in a carrying bag.

The material and the workmanship of this suit is rugged enough, so it could be used repeatedly for years to come if handled per manufacturer's specs.

