

Title: Aviation MRO: Maintenance, Repair, and Overhaul: **Pratt and Whitney new SPOP-15 for Wet Grit Blast Cleaning**

Parts: Rotating High/Low Pressure Turbine Discs, Hubs with axial blade attachment geometry.

Description: Replace Dry Grit with Wet Grit Blasting to **reduce** or eliminate **parent material removal** utilizing the **Wet Tech Process**. We have the right equipment for you to meet AND exceed the new SPOP for wet grit blasting of major rotating parts. You want reliability, capability, and ease of maintenance from a company that has excellent references throughout the aviation industry with customers such as GEAE, P&W, Rolls Royce, Bell Helicopter, and Sikorsky.

The Wet Technologies high volume slurry process mixes and delivers a high concentration mixture of water and media to a nozzle or multiple nozzles where regulated compressed air is introduced to adjust the process aggressiveness. The parts are then rinsed with pressurized water from the included closed loop particle filtration system.



Advantages and examples of exceeding the specifications:

- We have an automatic, reliable push button method for determining media concentration
- Our unique easy maintenance design allows for complete disassembly and inspection of our vortex slurry pump in less than 30 minutes down time with no hand tools!
- Heavy gage stainless steel tig welded construction.
- Our unique gun design allows regulated air pressure to be controlled from over 80, down to as little as 1 psi.
- Media can be changed easily to meet different specifications for aluminum oxide, novacite, glass bead, baking soda, plastics, and ceramics. For this application, 500 grit aluminum oxide.
- Our high volume pumping system quickly stirs up a homogeneous, repeatable slurry.
- The **Wet Tech Process** is **Dust Free**- equipment can be installed in a clean environment.
- The **Wet Tech Process** and equipment is **Closed Loop**. Broken down abrasive and other particles are separated. Filtered water is returned for on demand part and view window rinsing. Nothing goes down the drain!

Equipment: Standard manual "glove box" systems available in square sizes: 36", 50", 60", and 72". We can accommodate custom cabinet requirements. Many available options include: manual and powered turn tables and trolleys, vertical doors, clean exhaust systems, and various nozzle geometries. Please see machines and more information at our website below. Our systems are supported by a trained global distributor and service network. Made in the USA, delivered worldwide.

High Volume Liquid Abrasive and High Pressure Water Surface Finishing Systems