



GREAT WESTERN GRINDING, INC.

FAA REPAIR STATION G9WR809J

SPECIALIZING IN TURNKEY COMPONENT REPAIRS FOR AIRCRAFT AND ROTORCRAFT



This is to familiarize folks with GWG and MROTech. With all the rampant part shortages and long lead times from the OEMs no matter where you are working on an aircraft we can help. In fact, we are probably your competitors best friend.

We have helped many companies salvage parts and made them usable once again including OEMs. We are an FAA Repair Station, ITAR, AS9110C/ISO9001 approved. EASA is in the works.

To visit our website the short address is GWG.AERO and for DER Support MROTECH.AERO

Why GWG? I am an FAA DER and I have a repair station as well. Why is that important? Because not only can I help you develop repair solutions I can also help get the work done and oversee that activity. We have every possible associated service required around us within a 20 mile radius and we routinely keep parts moving from operation to operation as needed all the way from start to finish.

GWG Specializes in Turnkey Repairs and Salvage repairs:

• Pistons (Outer Diameters)	• DER Repairs as needed (even if component looks BER, we can develop a repair)
• Cylinders (Inner Diameters)	• Modifications / Service Bulletins
• Chrome repairs	• Aerospace Welding
• Nickel repairs	• Brake Keys
• Cadmium repairs	• Heat Shields (for wheels, brakes, engines, etc.)
• Supersonic Cold Spray repairs	• Actuator parts
• Standard Repairs per CMM	• Hydraulic pump parts (housings, wobblers, etc)
• IDG parts	• Thrust reverser parts (pistons, cylinders, housings, rod ends)
• CSD parts	• Rod ends (all sorts)



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• Starter parts (housings, gears, carriers, end bells, covers, etc)	• Pneumatic actuators
• Torque Tubes	• Valve bodies
• Engine parts (housings, shafts, cams, etc) including PT6	• Cowl Door actuators
• Wheels (key lugs, bearing cups, parting surfaces, inflation ports, overtemp ports)	• Engine mounts
• Brake Housings (piston bores, brake sleeves, etc)	• Engine ducting parts
• Bevel Gears	• Pinion Gears
• Ballscrews	• Latches of all sizes (T/R, cargo door, etc)
• Ballnuts	• Spherical input shafts of all sizes ID or OD
• Magnesium Housings (welding, cold spray)	• Aluminum Housings (welding, cold spray)
• Titanium Housings (welding)	• Landing Gear Sub-components (shock struts, steering collars, trunnions, cylinders, pistons, etc)

Grinding / Machine/Welding services:

• Outer Diameter Grinding	• Outer Diameter Grinding
• Inner Diameter Grinding	• Inner Diameter Grinding
• Surface Grinding	• Surface Grinding
• Jig Grinding	• Jig Grinding
• Super Jig Grinding	• Super Jig Grinding
• Rotary Grinding	• Rotary Grinding
• Blanchard Grinding	• Blanchard Grinding
• Spherical Grinding	• Spherical Grinding
• Machining	• Machining
• Vertical Boring	• Vertical Boring
• Horizontal Boring	• Horizontal Boring
• Resistance Welding	• Fusion Welding
	• Microplasma Arc Welding



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Inspection, Material Analysis and CAD Services

• CAD Design and Drawings using Fusion360	• FARO Arm and Laser Scanner CMM
• STEP File and other Exports for CNC Equipment	• ThermoScientific XRF Material Scanner
• Keyence Desktop Laser Scanning CMM	• SciAps Laser Induced Breakdown Spectroscopy Material Scanner

Some of our current customers:

• Boeing Military	• Boeing Commercial
• Collins Aerospace/Goodrich Wheel and Brakes	• Parker - Meggitt Aerospace
• Eaton Aerospace	• MOOG Aircraft Group
• Liebherr Aerospace Saline	• Thomas Instruments
• Midwest Turbine Services	• PCC Rollmet
• Unical Aviation	• Hutchinson Aerospace
• HEICO	• Hill Air Force Base
• Carson Helicopters	• Honeybee Robotics
• Curtiss Wright Nuclear Division	• Roller Bearing Corporation
• Toyota Racing Development	• Disney Logistics
• Duncan Aviation	• Billings Flying Services

Youtube Videos:

https://youtu.be/rGpEHLBuw0s	https://youtu.be/wUhkbBb5v0s
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