



Facility Overview

Houston, Texas

Facility Scope & Industries Served

Curtiss-Wright's Houston, Texas facility supports application requirements such as high-cycle fatigue resistance under bending, torsion, and vibration, fretting fatigue mitigation, stress corrosion cracking control, gear tooth flank fatigue improvement, forming and contour correction of titanium and aluminum aircraft structures, and thermal fatigue resistance through advanced shot peening solutions across aerospace and industrial applications.

Aerospace

Power Generation

Construction

Railroad

Mining

Chemical & Food Processing

Oil & Gas

Military

Automotive

Off-Highway Vehicles

Industrial

Recreational Vehicles

Facility Capabilities & Services

- Robotic Shot Peening
- Glass Bead Peening
- On-Site Shot Peening
- Precision Texturing
- Shot Peen Forming
- Corrective Peening
- Roto-Peening
- Super Finishing

Customer Approvals & Specifications

Baker Hughes	Dresser
GE	Ethos-Energy
Halliburton	GE Oil & Gas
Man-Turbo	Power Systems Manu-
Rotating Machinery-	facturing
Services	Schlumberger
Weatherford Interna-	Siemens
tional	

Shot Peening Applications

Aircraft and Rotorcraft Components

Wing Panels, Wing Ribs, Bulkheads, Landing Gear, Spars, Slat Tracks, Transmission Gears: All designs

Auto Power Train & Auto Engine Components

Auto Power Train: Flex Plates, Parking Pawls, Gears: All designs, Shafts

Auto Engine: Connecting Rods, Rocker Arms, Crankshafts, Valve Springs

Military, Off Highway Vehicle Components

Suspension Lugs, Wheel Bearing Flanges, Torsion Bars, Steering Flanges

Oil & Gas

Drill Collars, Bits and Rods, Shovel Buckets and Screens, Hydraulic Fracking Fluid Blocks, Trunk Crankshafts

Other Components and Applications

Gears: Large Industrial and Mining, Precision Texturing (Architectural), Springs: All Designs, Welded Fabrications, Threaded Connections, Tools, Dies, Molds, Powdered Metal (Fatigue & Porosity Sealing)

On-Site Shot Peening

Aircraft Fuselage / Wings, Hydro Water Wheels, Oil Refinery Coker Structure, Gas or Steam Turbines, Mining Ball Mills and Drag Line Gears, Weldments – Pipelines, Railcars, Ships



Contact Information

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