



Facility Overview

Indianapolis, Indiana

Facility Scope & Industries Served

Curtiss-Wright's Indianapolis, Indiana 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, thermal fatigue resistance, and precision texturing through advanced shot peening solutions across aerospace and industrial applications.

Aerospace

Power Generation

Railroad

Recreational Vehicles

Mining

Auto Racing

Oil & Gas

Military

Automotive

Off-Highway Vehicles

Industrial

Facility Capabilities & Services

- Shot Peening
- Glass Bead Peening
- Parts Washing
- On-Site Shot Peening
- Dual Shot Peening
- Controlled Cleaning
- Vibratory Super Finishing

Customer Approvals & Specifications

Allison Transmission	Nadcap Approved
AS9100D	Pratt Whitney
Claas of America	Rolls Royce America
Cummins	Rolls Royce Deutschland
Honda R&D	Rolls Royce UK
ISO 9001:2008	Standard Aero America
ISO/TS 16949:2009	Standard Aero Canada
Mears Machine	
TRW	

Shot Peening Applications

Aircraft and Rotorcraft Components

Blades, Hubs, Landing Gear, Propellers and Rotors, Transmission Gears: All designs, Vane Segments

Auto Power Train & Auto Engine Components

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

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

Military, Off Highway Vehicle Components

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

Structural Components:

Spars, Struts, Welded Fabrications

Other Components and Applications

Gears: Large Industrial and Mining, Powdered Metal (Fatigue and Porosity Sealing), Springs: All designs, Threaded Connections, Tools, Dies, Molds, Welded Fabrications

On-Site Shot Peening

Field crews can shot peen any size part at your facility or site to Mil specification standards



Contact Information

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