



Facility Overview

Windsor, Connecticut

Facility Scope & Industries Served

Curtiss-Wright's Windsor, Connecticut facility supports application requirements such as high-cycle fatigue resistance under bending, torsion, and vibration, thermal fatigue control, gear tooth flank fatigue improvement, precision texturing for surface finish and drag reduction, and stress corrosion cracking mitigation through advanced shot peening solutions across aerospace and industrial applications.

Aerospace
Automotive
Steelmaking

Firearms
Military
Industrial

Power Generation
Chemical Processing

Facility Capabilities & Services

- Controlled Shot Peening
- Robotic Shot Peening
- Glass Bead Peening (wet and dry)
- Dual Shot Peening
- Bead Blasting and Finishing
- Surface Preparation/Abrasive Blasting

Customer Approvals & Specifications

Pratt & Whitney	Rolls Royce
Pratt & Whitney- Canada	Honeywell
GE Aviation	Sikorsky
GE Energy	Goodrich
Siemens Power	Kaman Aerospace
Hamilton Sundstrand	FAA & EASA Repair-Station
FAA & EASA Repair-Station	Federal Firearms- License (FFL)
Boeing	

Shot Peening Applications

Aircraft and Rotorcraft Components

Engine Hubs, Disks, Blades, Shafts, Spacers, Seals, Cases, Bearing Houses, Rotor Hubs, Swashplates, Pitch Housings, Retention Plates, Gearbox Carriers, Bearing Cages, Transmission Gears, Rod Ends, Links, Bodies

Power Generation Components

Fan/Compressor Blades, Bucket Inserts, Support Clamps, On-Site Shot Peening Available

Firearm Components

Firing Pins, Receivers, Springs, Extractors, Slide Catch Levers

General Industrial and Commercial Components

Power Tool Nail Drivers, Engagement Dogs, Drive Shafts, Gears: All Sizes And Geometries, Steel Sheet Rollers, Springs, Sleeves, Couplings, Welded Fabrications

Automotive

Powertrain Components: Shafts, Gears, Flex Plates, Housings, Engine Components: Connecting Rods, Rocker Arms, Crankshafts



Contact Information

Curtiss-Wright Surface Technologies
 145 Addison Road
 Windsor, Connecticut 06095
 Telephone: (860) 688-6201
 Web: www.cwst.com
 Sales: info.windsor@cwst.com