



HILLSBORO



HILLSBORO FACILITY IS AN OEM AIRCRAFT ENGINE COMPONENT MANUFACTURER AND OVERHAUL REPAIR CENTER.

REPAIRS IN THESE AND OTHER ENGINE MODELS

Pratt & Whitney – JT9D, PW2000, PW4000

CFMI – CFM56

IAE – V2500

GE Military – J79 – OEM

Pratt & Whitney Military – TF33

PRODUCTS

Cases, Manufacture

Compressor Seals

Compressor Stators

Frames, Manufacture

Housings

Shrouds

Stator Segments

Turbine Seals

Vane Sectors

FINISHING AND MACHINING CAPABILITIES

Chemical Stripping

Water Jet Cutting

Water Jet Stripping

Large Diameter Machining up to 70"

Large Milling Capabilities (60"L x 48"W x 60"H),

Rotary Table allows for a 90" Hole Pattern

Electrical Discharge Machining (EDM)

Spark Erosion Grinding

Rubber/ATV Molding

Brush Plating

HEAT TREATMENT AND BRAZING

High Temperature Vacuum Brazing

Heat Treatment 60" x 60"

Vacuum Heat Treating

Atmospheric Heat Treating

BrazeAway™

CERTIFIED WELDING

TIG Weld

Automatic Dabbbber TIG Welding

SURFACE TREATMENTS

Thermal Spray

Plasma Spray

Wire processes

Dual Arc Wire Spray

Flame Spray



HP/LP COMPRESSOR COMPONENT REPAIR

COATINGS

Abradables

Wear Resistance

Dimensional Restoration

Corrosion Resistance

INSPECTION AND NON-DESTRUCTIVE TESTING

Fluorescent Penetrant – Nadcap approved

Coordinate Measuring Equipment –
59" x 78" x 39" working envelope

Profilometer

X-Ray – Nadcap approved

Laser Holography

Eddy Current

Immersion Ultrasonic Inspection

CERTIFICATIONS AND QUALITY ASSURANCE

FAA Repair Station No. MZ52059N

CAAC No. F00100046

ISO 9001:2000 + AS9100B Registered

EASA.145.4793

Nadcap Chemical Processing

Nadcap Heat Treating

Nadcap Non-Destructive Testing

Metallurgical Lab

NEW PROGRAMS

CFM56-5 Low Pressure Turbine Case

CFM56-5 Turbine Rear Frame

CFM56-7 Aft Outer Stationary Seal

CFM56-7B LPT Outer Air Seals

CFM56-7B CDP Seal

CFM56-7B Booster Vanes

PW2000 Stage 10/11 Stator

PW4000 LPT Outer Airseal Segment

Taurus 60 Stage 1 Diaphragm Turbine Assembly

Titan 250 Support Ring Flange

V2500 Rear Static Seal Inner Seal Carrier



HP/LP TURBINE COMPONENT REPAIR



OEM MANUFACTURED HP/LP COMPRESSOR COMPONENTS



CASE REPAIR

Contact us for a comprehensive portfolio of capabilities, services, fast turnaround times, consistent and repeatable results – and lower costs.

214 Hobart Drive • Hillsboro, OH 45133 • Phone: +1.937.840.1000