



KANSAS CITY AIRFRAME



*KANSAS CITY FACILITY OFFERS REPAIRS AND SERVICES FOR A FULL LINE OF AIRFRAME AND SYSTEMS COMPONENTS INCLUDING:*

**REPAIRS IN THESE AND OTHER AIRFRAME MODELS**

Boeing – 707, 727, 737, 737NG, 747, 757, 767, 777

Douglas – DC-9, MD-80, MD-90, DC-10, MD-11,

Gulfstream/Goodrich,

Military – C-5, C-17, F-4, F-5, F-17, JSF, CH-47

Airbus – A380

**PRODUCTS**

Aft Flap Tracks

Flap Tracks

Inboard/Inboard Flap Tracks

Inboard/Outboard Flap Tracks

Landing Gear Pins

Leading Edge Slat Tracks

Main Inboard Flap Tracks

Main Inboard Tracks

Outboard/Outboard Flap Tracks

Slat Tracks

Sliders

Spring Cartridge

**FINISHING AND MACHINING CAPABILITIES**

Abrasive Water Jet

Blending

CNC Drilling

CNC Machining

CNC Milling

CNC Turning

Electrical discharge machining

Grinding

Cold metal forming

Hot metal forming

**HEAT TREATMENT AND BRAZING**

Atmospheric

Inert

Vacuum

**CERTIFIED WELDING**

Dabber T.I.G.

Electron beam

Micro plasma

Pulse T.I.G.

Plasma Arc Welding

Resistance Spot



**CONTROL FLIGHT COMPONENTS**

## **SURFACE TREATMENTS**

Arc Spray  
Detonation gun  
HVOF thermal spray  
Plasma Spray  
Super D-Gun™  
Wire arc, flame spray  
Zircoat™  
Abrasive Blasting  
Shot Peening  
Painting

## **COATINGS**

Abradables  
Wear Resistance  
Dimensional Restoration  
Corrosion Resistance  
Industrial painting  
Surface preparation & paint  
Tank platings

## **PLATINGS**

Electroplating – Cadmium, Silver, Chrome, Nickel

## **INSPECTION AND NON-DESTRUCTIVE TESTING**

Inspection and Non-Destructive Testing  
CMM digital laser scanning  
Eddy Current  
Fluorescent penetrant  
Laser holography  
Magnetic particle  
Nital etch  
Ultrasonic  
X-Ray

## **CERTIFICATIONS AND QUALITY ASSURANCE**

FAA Repair Station No. OY23074L  
CAAC No. F00100029  
ISO 9001:2000 + AS9100B Registered  
EASA.145.4772  
DGAC Indonesia 145/61900  
Nadcap Chemical Processing  
Nadcap Heat Treating  
Nadcap Non-Destructive Testing  
Nadcap Surface Enhancement  
Metallurgical Lab

## **BOEING APPROVALS**

BAC 5851 – Application of Thermal Spray Coatings (QPL) Ltd To Class Ii- Iii- Iv - Type 1 - Type Xv - Class II, Type 1  
Quality System – Processor Basic Quality System for D1-4426 approval only  
BAC 5730 – Shot Peening  
BAC 5753 – Cleaning – Descaling of Titanium – Method II Only  
Met. Testing – Metallurgical Testing  
DPS9.98 – Detonation Gun Deposited Coating  
DPS4.999 – Shot Peening – Metal Parts

## **GOODRICH APPROVALS**

LGPS-1301 – Coating, HVOF  
LGPS-7010 – Grinding, HVOF  
ASTM-E-1417 – Inspection, Liquid Penetrant  
ASTM-E-1444 – Inspection, Magnetic Particle  
LGPS-3000 – Inspection, Nital Etch  
LGPS-1001 – Paint Application  
LGPS-1100 – Plating, Cadmium (Bright/LHE)  
LGPS-8003 – Plating, Passivation  
AMS-S-13165 – Shot Peen

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