



## MANUFACTURING CAPABILITIES LIST

- SHEETMETAL DETAILS
- SHEETMETAL ASSEMBLIES – MINOR/MAJOR
- CNC ROUTING 3 AXIS 5' X 12'
- CNC MACHINING 3 AXIS 30" X 12" X 16"
- CNC TURNING 4" THROUGH HOLE 28' TURNING LENGTH
- TIG WELDING-ALUMINUM, STAINLESS, TITANIUM, STEEL
- SPOTWELDING-ALUMINUM, STAINLESS, TITANIUM, STEEL
- TUBE MANUFACTURING
- CABLE MANUFACTURING
- ALODINE, PRIME AND PAINT
- ANODIZE
- ALUMINUM FLAME SPRAY
- HEAT TREATMENT OF ALUMINUM ALLOYS
- FLUORESCENT PENETRANT INSPECT
- MAGNETIC PARTICAL INSPECT
- TOOL MANUFACTURING
- KIT MANUFACTURING AND ASSEMBLY
- FIELD DESIGNED STC'S
- LANDING GEAR PARTS AND ASSEMBLIES
- COMPONET REPAIR AND OVERHAUL
- LANDING GEAR REPAIR AND OVERHAUL
- SEAT CUSHIONS
- DRESS COVERS
- CARGO NETS
- CARPET CUTTING AND SURGING

## APPROVALS

### QUALITY SYSTEM:

- ISO9001:2000 + AS9100B by QMI, certification number 1051186
- Transport Canada approved manufacturing and distribution organization and component AMO (approval no. 5-60)

### SPECIAL PROCESSES:

*Aircraft Sales • Service • Engineering • Avionics • Manufacturing*

## **BOMBARDIER'S APPROVALS:**

- PPS 01.02 FORMING ALUMINUM ALLOYS
- PPS 03.02 SWAGING STRAIGHT SHANK TERMINALS
- PPS 03.04 SWAGING OF BALL TERMINALS
- PPS 03.05 PROOF LOADING CABLE AND CHAIN ASSEMBLIES
- PPS 20.01 MAGNETIC PARTICLE INSPECTION
- PPS 20.03 PENETRANT FLAW DETECTION
- PPS 20.07 CONDUCTIVITY TESTING
- PPS 20.08 HARDNESS TESTING
- PPS 24.01 ALUMINUM WIRE SPRAY COATING
- PPS 30.01 HEAT TREATMENT OF ALUMINUM ALLOYS
- PPS 30.03 HEAT TREATMENT AND CONTROL OF 2024 (DD) RIVETS
- PPS 31.01 CLEANING OF ALUMINUM ALLOY FOR RESISTANCE WELDING
- PPS 31.02 CLEANING PROCESSES OF ALUMINUM
- PPS 31.03 PRE CLEANING OF STEELS
- PPS 31.05 SURFACE TREATMENTS OF CORROSION RESISTANT STEELS
- PPS 31.07 CLEANING AND STRIPPING OF PAINTED SURFACES
- PPS 31.09 CLEANING OF TITANIUM
- PPS 31.11 VAPOUR BLAST CLEANING
- PPS 31.12 CLEANING NICKEL AND NICKEL ALLOYS
- PPS 32.01 CROMATE CONVERSION COATING
- PPS 32.03 CHROMIC ACID ANODIZING (A1)
- PPS 34.03 APPLICATION OF POLYURETHANE ENAMEL (F24 & F37)
- PPS 34.08 EPOXY PRIME
- PPS 34.11 PRIMING AND PAINTING OF AIRCRAFT EXTERIOR SURFACES
- PPS 34.16 APPLICATION OF EPOXY-AMINE, URETHANE COMPATIBLE, INTERMEDIATE PRIMER (F23)
- PPS 34.19 APPLICATION OF F14 ANTI-STATIC COATING
- PPS 34.34 SURFACE FINISHING COMPOUNDS (F33)
- PPS 34.41 APPLICATION OF EPOXY-POLYAMIDE ENAMEL (F22)
- PPS 36.02 BONDING BALSA CORE TO ALUMINUM ALLOY SHEET
- PPS 37.01 RESISTANCE WELDING ALUMINUM ALLOYS
- PPS 37.02 RESISTANCE WELDING OF NON-HARDENING STEELS AND ALLOYS, NICKEL ALLOYS AND TITANIUM
- PPS 37.03 FUSION WELDING OF ALUMINUM AND ALUMINUM ALLOYS
- PPS 37.04 FUSION WELDING OF FERROUS AND NICKEL ALLOYS
- PPS 37.05 FUSION WELDING OF TITANIUM -
- PPS 37.06 TESTING AND APPROVAL OF AIRCRAFT WELDERS
- PPS 37.07 BRAZING PROCESSES
- PPS 37.11 REQUIREMENTS FOR RESISTANCE WELDING
- BAERD-GEN-018-1B CHEMICAL TESTING; TREATMENT SOLUTION & WATER
- BAERD-GEN-018-D HARDNESS AND MICROHARDNESS
- BAERD-GEN-018-5E EVALUATION OF PAINTS
- BAPS160-10 CHROMIC ACID ANODIZING
- BAPS160-20 CHEMICAL CONVERSION TREATMENT OF ALUMINIUM ALOYS
- BAPS168-07 HEAT TREATMENT OF ALUMINIUM AND ALUMINIUM ALOYS
- BAPS168-13 HARDNESS & ELECTRICAL CONDUCTIVITY TESTING
- BAPS180-001 ALKALINE CLEANING

- BAPS180-32 ACID CLEANING & DEOXIDIZING OF ALUMINIUM ALOYS
- BAPS138-43 APPLICATION OF FLUID RESISTANT PRIMER
- BAPS138-44 APPLICATION OF FLUID RESISTANT POLYURETHANE COATING

**NADCAP APPROVED:**

- CHEMICAL PROCESSING:
  - CLEANING PROCESSES
  - CHEMICAL CONVERSION COATING
  - CHROMIC ACID ANODIZING
  - APPLICATION OF PRIMER AND TOP COAT
- HEAT TREATMENT
  - HEAT TREATMENT OF ALUMINUM ALLOYS