

# Contract Manufacturing & Services



# WIDE RANGE OF CAPABILITIES. SEAMLESS EXECUTION. TRUE CRAFTSMANSHIP.

The aircraft Mooney builds are legendary for their engineered beauty and capability. Now the same engineering and manufacturing team that painstakingly designs and builds our aircraft is available to execute your vision as well.

Whether you're in the aerospace business, or just need the precision of aerospace engineering and manufacturing, our newly upgraded factory and highly skilled workforce is ready to build your products to your specifications - from concept and design, to tooling and finish-out.

In addition, our design engineers can provide rapid, accurate, and competitive responses to RFQs. And our manufacturing team can build-to-print, reverse engineer, or work with your own team to design/build not only your products, but all of the tooling your project may require as well.



## OUR CAPABILITIES INCLUDE:

### SHEET METAL, TUBE & EXTRUSION, FABRICATION & FORMING

- Shearing/Cutting (CNC & Manual)
- Precision Routing (CNC & Manual)
- Punch/Stamp (CNC & Manual)
- Hydro-forming (Rubber Press)
- Brake-forming (CNC & Manual)
- Stretch-forming
- Roll-forming
- Drop Hammers
- Extrusion Hot-Joggle/Forming
- Tube Bending & Swaging

### TOOLING, CAD & RAPID PROTOTYPING (3D PRINTING)

- Tool Design, Fabrication and Proofing

### INTERIORS & UPHOLSTERY

### MACHINING

- CAD/CAM Capabilities supported by NC Programming staff
- Milling (CNC & Manual)
- Turning (CNC & Manual)

### SPECIAL PROCESSES

- Aluminum Heat Treat (Annealing)
- Aluminum Conversion Coating/Chem-Film (MIL-DTL-5541)
- Prime & Paint
- Surface Preparation (media blast)
- Welding (TIG & Spot)

### ELECTRICAL: WIRE HARNESS FABRICATION & TESTING

### COMPOSITES & PLASTICS

- Composites
  - Multiple Carbon fiber and Fiberglass molding, curing processes (Oven Cure). Plus, composite tooling design and fabrication.
  - Controlled Contaminate layout room
  - CNC Gerber Ply Cutter 6ft x 24ft
  - Curing Ovens (6ft x 6ft x 10ft and 10ft x 10ft x 24ft)
- Plastics
  - Vacuum Forming
  - Drape Forming (Cast Acrylic Transparencies)
  - 3D Printing - Multiple material types: ASA, ULTEM, ABS, PC, FDM

FOR MORE INFORMATION ON Mooney Contract Manufacturing & Services or to discuss a quotation, please contact: (830) 792-2082 | RFQ@mooney.com | Mooney International Corp | 165 Al Mooney Road North | Kerrville, Texas 78028

