

Over 20 Years in Aerospace





Company Overview



Company Overview

Metalcraft Technologies, Inc. is a fully integrated aerospace Manufacturing company.

Providing aircraft parts, components and assemblies to the Aerospace Industry for over 21 years



Cedar City, UT Building #2 -
156,000 sq ft on 14.5 acre site



Facilities

Cedar City, UT
Corporate Office
90,000 sq. ft.
on 26 acre site



Total Sq. Ft

246,000

Employees

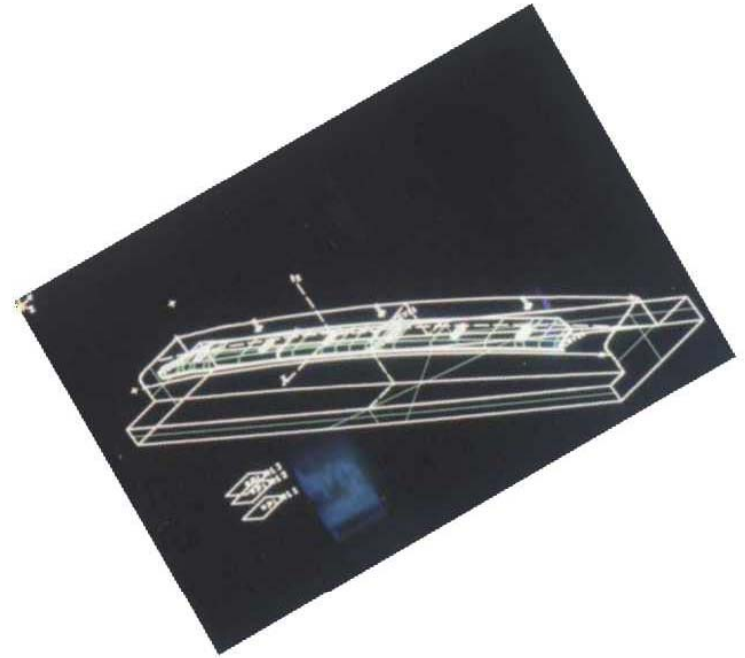
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ERP System

MTI employs Infor ERP Visual Manufacturing(VM)as our ERP system. VM is a single platform that controls all aspects of the manufacturing process including:

- Quoting and Estimating
- Purchase Requisitions
- Purchase Orders
- Electronic Data Interchange
- eBusiness
- Dimensional Inventory Tracking
- Product Configuration
- Materials Requirements Planning
- Barcode Transaction System
- Cost Accounting
- Integrated Quality Management
- Shop Floor Control
- CAD Engineering Integration
- Lean Scheduling

Engineering



- 12 Engineers
- CATIA V5
- UG NX-3



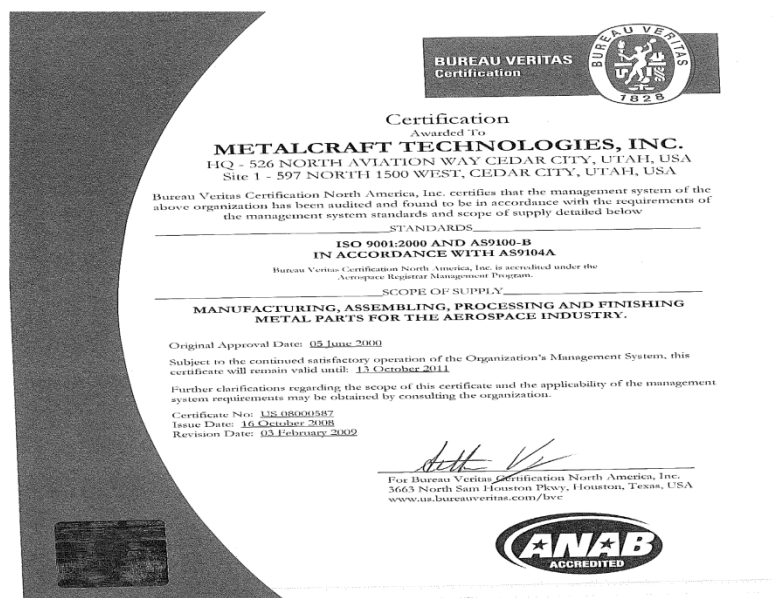
- Functions
 - Planning
 - M/E Functions
 - Tool Design
 - Programming
 - Raw CATIA Data
 - Cause and Corrective Actions Analysis
 - BOM Construction

Quality System

MTI Quality Policy

Metalcraft Technologies, Inc. pursues customer satisfaction through continuous and permanent improvement with respect to Product Quality and On Time Delivery. It is our commitment to comply with requirements, reduce waste, prevent defects and improve product quality as we strive towards sustained growth and profitability.

AS-9100



Special Process NADCAP Approvals

Approved Processes

- Chemical Processing
 - Chemical Conversion
 - Pre-Penetrant Etch
 - Anodize
 - Passivation
 - Alkaline Clean
 - Paint
- Heat Treat of Aluminum
- NDI - Dye Penetrant



Manufacturing Capabilities

- Anodize - Boric Sulfuric per MIL-A-8625 Type 1C and 8625 Type II
- Penetrant Inspection - 5PTPCG06
- Pre-Penetrant Etch - 5PTPCG01
- Paint - MIL-F-18264 & 5PTPJG01

Approved Quality Systems

- AS 9100
- ISO 9002
- BQMS D6-82479



Manufacturing Capabilities

Major component
Assembly

Assembly

• Major Assemblies

- 747 Floor Beams
- 757 Floor Beams
- 767 Floor Beams
- Aircraft Doors
- Cockpit Console
- Instrument Panel
- Throttle Quadrant
- F-16 Lower Access Door
- F-16 Forward Access Doors
- F-16 Precision Landing Gear Tooling
- Emivest Aft Fuselage



Capabilities Forming

- Skin Stretch Form
- Extrusion Stretch Form
- Hydro Form
- Bladder Press
- Break Form
- Match Metal Die Forming
- Hot Joggle



Capabilities Machining

- Manufacturing

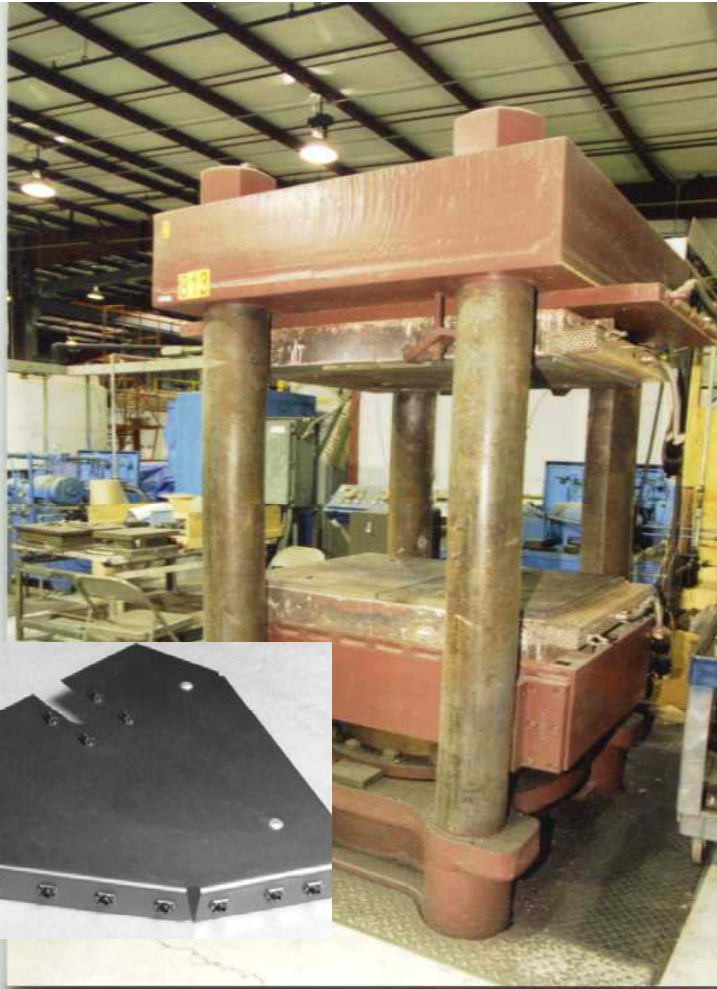
- Machining

- 3 Axis Machining
 - 4 Axis Machining
 - 5 Axis Machining
 - NC Turning



Capabilities

Hard Metals



- Titanium
- Stainless
- Hot Form
- Hot Size
- Vacuum Furnace
- Phosphate Fluoride
- Alpha Case Removal



Capabilities Processing

- Alodine
 - per MIL-C- 5541
 - per MIL-C- 5719
- Anodize
 - Boric per MIL-C-5732
 - Chromic per MIL-A-8625
- Acid Etch
- Alpha Case
- Pickle and Passivate
 - method 2 only

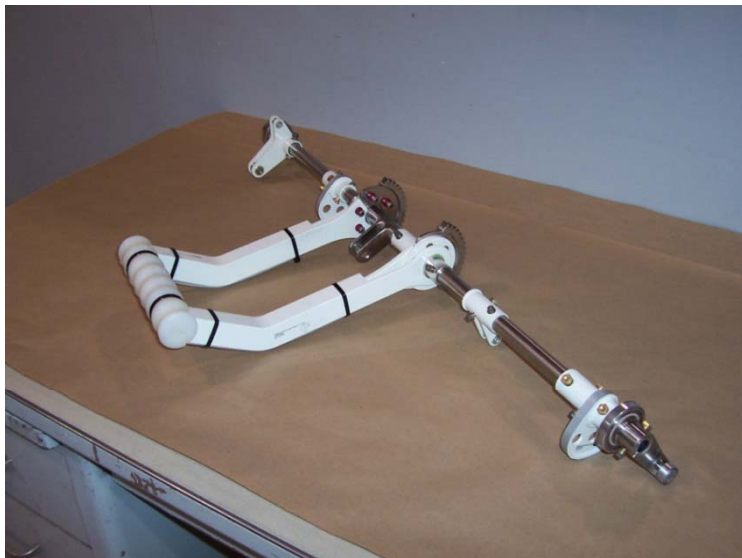
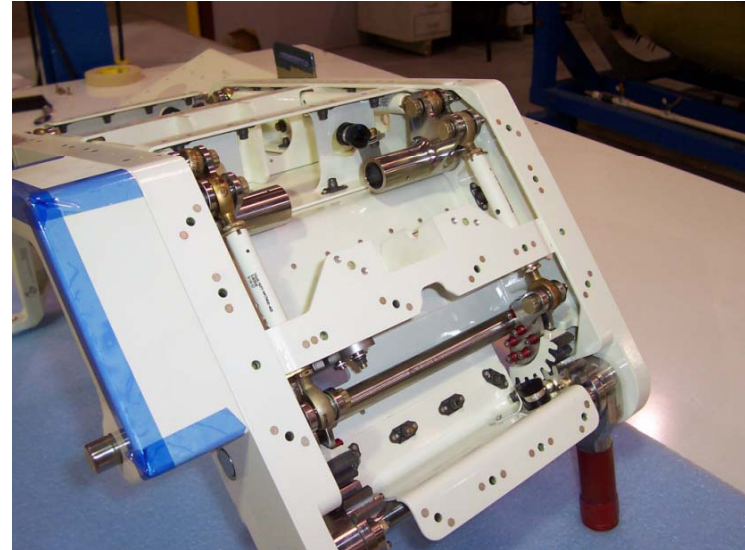


Assembly Tool Design/Build



Aircraft Floor
Section Assembly
Tool

Capabilities Assemblies



Capabilities Assemblies



Light Business Jet Fuselage

85,000 sq. foot assembly area
Minor Assembly
Hardware
Certified Ground Stud
Part to Part Bench Top



Capabilities Assemblies



Emivest Aerospace Aft Fuselage Assembly



Summary

- MTI is a vertically integrated manufacturing and assembly company. We support both US and European based customers.
- Our strength lies in providing a “cradle to grave” solution for our airframe customers.
- Please visit our website or contact us.

www.metalcraft.net

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