Aircraft and Commercial Sheet Metal Parts and Assemblies

- Capps works closely with your Engineering team and specializes in stretch form and fabrication of detail parts and assemblies.
- Capps is skilled in working with extruded and sheet metal details produced from Aluminum, Titanium, Inconel, Corrosion resistant steels, and other alloys.
- Capps is nationally known for innovative methods of solving the toughest manufacturing challenges.
- From high volume contracts to unique aerospace designs, the "old pros" at Capps say "no job is too tough".

Incorporated August 22, 1984  D-U-N-S: 14-747-1494

Visit us @ www.cappsmfg.com
Quality Policy

Capps Manufacturing, Inc. is dedicated to be the preferred supplier of aircraft detail parts, components, and assemblies by providing our customers the best value in:

• Meeting the customers expectations.
• Being fair and ethical.
• Being resourceful, disciplined and flexible.
• Providing 100% on-time delivery.
• Providing 100% quality and reliability.
• Continuously reducing cost and lead-times.
• Being profitable.
Barney L. Capps, President and majority owner of Capps Manufacturing, Inc., started in the aircraft business in 1952. In 1962, he became Plant Manager of H & H Parts Co. and was heavily involved in the Learjet Model 23 program developing all tooling, production parts and assemblies for the engine nacelles, including static test, access doors, various small assemblies and detail parts. This relationship with Learjet continued through development of the 35, 36, and 55 models and continues today with the 45 and 60 model programs. In 1983, Barney left H & H Parts Co. to start Capps Machine, Inc. now Capps Manufacturing, Inc.

Ronald L. Capps, Vice President and minority owner of Capps Manufacturing, Inc. Ron’s Education includes; Bachelor of Science Business Administration and a Masters in Management Information Systems, both from Friends University in Wichita, KS. In addition, Ron is Certified Production & Inventory Management (CPIM) accredited from the American Production & Inventory Society (APICS). Ron worked for the Boeing Commercial Airplane Co. for 19 years. At Boeing, Ron gained experience in Industrial Engineering, Operations Systems, and his last five years working with cycle time reduction and Lean Manufacturing concepts for major assembly of the forward nose fuselage on the Boeing 747, 767, and 777 programs. Ron joined Capps Manufacturing full-time in July of 1999.
Meet Our Management Team

Barney L. Capps
President

Ron L. Capps
Vice President

Don G. Smith
Senior Manager Marketing/M.E.

Claude R. Hephner
Quality Control

Tony Henning,
Processing Line Manager

Ray Schoenecker,
Production Manager

Nathan R. Chambers
Assembly/Shipping Manager

Ed L. Stephens
Quality, Safety, and Regulatory Compliance

Steven L Hudson
IE/IT/CI Manager

Richard Laake, Facilities / Maintenance Manager
### Capabilities

- Skin & Leading Edge Stretch Forming
- Extrusion Stretch Forming
- Fluid Cell Forming
- Hydro Forming & Draw Forming
- 3 & 5 Axis CNC Machining
- Thermal Processing (Anneal, Age Harden & Heat Treat)
- Chemical Processing (ChemFilm, Anodize, Pent., Prime)
- Component Assembly
- Punch Press
- Rollforming
- TIG Welding

### In-House Tooling

- Stretch Form Dies
- Hydro Blocks
- 5 Axis CNC Route Fixtures
- Draw Form Tooling
- Form Blocks
- Assembly Fixtures
- Joggle Dies
- Router Blocks
- Blanking Tools
- Weld Fixtures

### CAD/CAM

- CATIA V.5 Design and Programming
- Vericut
- Portable Romer CMM with 48" radial ability
- Leica Laser Tracker
- Verisurf verification software
- Translators including CATIA
- Kubotek Validation & Comparison software
# Customer Base

Just a sample of our many customers

<table>
<thead>
<tr>
<th>AIDC (Aerospace Industrial Development Corporation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bombardier – Learjet, Inc.</td>
</tr>
<tr>
<td>Spirit AeroSystems, Inc.</td>
</tr>
<tr>
<td>ASC Signal Corporation</td>
</tr>
<tr>
<td>Boeing Defense &amp; Space</td>
</tr>
<tr>
<td>Cobham Mission Systems</td>
</tr>
<tr>
<td>GKN Aerospace</td>
</tr>
<tr>
<td>Gulfstream Aerospace Corp.</td>
</tr>
<tr>
<td>Weatherford Aerospace, Inc.</td>
</tr>
<tr>
<td>TEXTRON AVIATION (Beechcraft/Cessna/Hawker)</td>
</tr>
<tr>
<td>MHI Canada</td>
</tr>
<tr>
<td>Shenyang Aircraft Corporation</td>
</tr>
<tr>
<td>NORDAM (Northeast Oklahoma Repair Development and Manufacturing)</td>
</tr>
<tr>
<td>Arnprior Aerospace</td>
</tr>
<tr>
<td>CPI Aerostructures, Inc.</td>
</tr>
<tr>
<td>Lockheed Martin Aircraft</td>
</tr>
<tr>
<td>Middle River Aircraft Systems</td>
</tr>
<tr>
<td>Fokker Aerostructures B.V.</td>
</tr>
</tbody>
</table>
Just a sample of our many customers
Building 4 - 79,750 Sq. Ft. manufacturing facility located at 2222 S. Custer. - Leased


Building 1 - 112,000 Sq. Ft. manufacturing facility located at 2121 S. Edwards.

Building 2 - 50,000 Sq. Ft. located at 2132 S. Edwards for Raw Matl and Ext Fuel Tank Fab & Assembly.

Building 5 - 27,000 Sq. Ft. Tool Fab & Tool Storage facility

Capps Manufacturing Campus – 300K Sq. Ft.
## Key Equipment List

<table>
<thead>
<tr>
<th>Machine</th>
<th>Model</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyril Bath</td>
<td>VTL 800</td>
<td>Skin &amp; Leading Edge Stretch</td>
<td>800 ton 15’x30’ sheet CNC</td>
</tr>
<tr>
<td>Cyril Bath</td>
<td>V-75</td>
<td>Stretch Press - Extrusion</td>
<td>32’ Grip- 75 ton CNC</td>
</tr>
<tr>
<td>Cyril Bath</td>
<td>V-30</td>
<td>Stretch Press - Extrusion</td>
<td>24’ Grip- 30 ton CNC</td>
</tr>
<tr>
<td>Hufford A-15</td>
<td></td>
<td>Stretch Press - Extrusion</td>
<td>45’ Grip- 225 ton</td>
</tr>
<tr>
<td>Hufford A-12 (2)</td>
<td></td>
<td>Stretch Press - Extrusion</td>
<td>30’ Grip- 60 ton</td>
</tr>
<tr>
<td>Hufford A-7</td>
<td></td>
<td>Stretch Press - Extrusion</td>
<td>18’ Grip- 23 ton</td>
</tr>
<tr>
<td>Hufford A-10 (2)</td>
<td></td>
<td>Stretch Press - Extrusion</td>
<td>18’ Grip- 17 ton CNC</td>
</tr>
<tr>
<td>Erco</td>
<td></td>
<td>Skin &amp; Leading Edge Stretch</td>
<td>460 ton 14’ die table</td>
</tr>
<tr>
<td>Erco</td>
<td></td>
<td>Skin &amp; Leading Edge Stretch</td>
<td>300 ton 10’ die table</td>
</tr>
<tr>
<td>Erco</td>
<td></td>
<td>Skin &amp; Leading Edge Stretch</td>
<td>200 ton 10’ die table</td>
</tr>
<tr>
<td>Capp Design</td>
<td>A-12</td>
<td>Stretch Press - Extrusion</td>
<td>18’ Grip- 70 ton</td>
</tr>
<tr>
<td>Verson Wheelon</td>
<td>A-12</td>
<td>Stretch Press - Extrusion</td>
<td>18’ Grip- 70 ton</td>
</tr>
<tr>
<td>HPM</td>
<td></td>
<td>Hydro Press (rubber forming)</td>
<td>2500 ton, 4’x8’ die tables</td>
</tr>
<tr>
<td>Capp Design</td>
<td>Hydro Press</td>
<td></td>
<td>300 ton 3’x5’ die table</td>
</tr>
<tr>
<td>Capp Design</td>
<td>Hydro Press</td>
<td></td>
<td>100 ton</td>
</tr>
<tr>
<td>Cincinnati</td>
<td></td>
<td>5 axis CNC Gantry Mill</td>
<td>x 200” y 140” z 60”</td>
</tr>
<tr>
<td>DMS Router (3)</td>
<td></td>
<td>5 axis CNC Router</td>
<td>x 182” y 120” z 60”</td>
</tr>
<tr>
<td>DMS Router VT</td>
<td></td>
<td>3 axis CNC Machining center</td>
<td></td>
</tr>
<tr>
<td>HAAS VR11</td>
<td></td>
<td>5 axis CNC Machining center</td>
<td>x 120” y 40” z 30”</td>
</tr>
<tr>
<td>SNK HPS-120A</td>
<td></td>
<td>5 axis CNC Machining center</td>
<td>x 175” y 55” z 39.3”</td>
</tr>
<tr>
<td>Fadal (2) 8030</td>
<td></td>
<td>3 axis CNC Machining center</td>
<td>x 80” y 30” z 30”</td>
</tr>
<tr>
<td>Fadal 6030</td>
<td></td>
<td>3 axis CNC Machining center</td>
<td>x 60” y 30” z 30”</td>
</tr>
<tr>
<td>Fadal 4020</td>
<td></td>
<td>3 axis CNC Machining center</td>
<td>x 40” y 20” z 20”</td>
</tr>
<tr>
<td>HAAS VF4</td>
<td></td>
<td>3 axis CNC Machining center</td>
<td>x 50” y 20” z 25”</td>
</tr>
<tr>
<td>Despatch (2)</td>
<td></td>
<td>Drop bottom heat treat oven</td>
<td>16’L x 12’H x 6’W, 1000 deg F</td>
</tr>
<tr>
<td>Gehnrich</td>
<td></td>
<td>Age harden oven</td>
<td>30’L x 6’H x 8’W, 600 deg F</td>
</tr>
<tr>
<td>OSI</td>
<td></td>
<td>Age harden oven</td>
<td>8’L x 8’H x 8’W, 600 deg F</td>
</tr>
<tr>
<td>Despatch (2)</td>
<td></td>
<td>Age harden oven</td>
<td>3’L x 3’H x 3’W, 600 deg F</td>
</tr>
<tr>
<td>LVD</td>
<td></td>
<td>Power squaring shear</td>
<td>16’ x 1/4”</td>
</tr>
<tr>
<td>Verson</td>
<td></td>
<td>Brake press</td>
<td>10’ 150 ton</td>
</tr>
<tr>
<td>Summit</td>
<td></td>
<td>Brake press</td>
<td>3’ 25 ton</td>
</tr>
<tr>
<td>Webb</td>
<td></td>
<td>Power roll</td>
<td>8’ x 4” dia. Rolls</td>
</tr>
<tr>
<td>Warco</td>
<td></td>
<td>Punch press</td>
<td>150 ton</td>
</tr>
<tr>
<td>Niagara</td>
<td></td>
<td>Punch press</td>
<td>150 ton</td>
</tr>
<tr>
<td>V&amp;O</td>
<td></td>
<td>Punch press</td>
<td>50 ton</td>
</tr>
<tr>
<td>Bliss</td>
<td></td>
<td>Punch press</td>
<td>25 ton</td>
</tr>
<tr>
<td>Press Rite</td>
<td></td>
<td>Punch press</td>
<td>15 ton</td>
</tr>
</tbody>
</table>
Frames
Gulfstream Model G650

Frame & Doubler
Boeing 737 Thrust Reverser

Nose Bulkhead
Bombardier-Learjet Model 60 Thrust Reverser

Channel & Angles
Lockheed C-141 Trust Reverser
Hufford A-15

45’ Grip – 225 ton
<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyril Bath V-75 CNC</td>
<td>32’</td>
<td>75 ton</td>
</tr>
<tr>
<td>Cyril Bath V-30 CNC</td>
<td>24’</td>
<td>30 ton</td>
</tr>
<tr>
<td>Hufford A-12 (2)</td>
<td>30’</td>
<td>60 ton</td>
</tr>
<tr>
<td>Hufford A-10 (2) CNC</td>
<td>18’</td>
<td></td>
</tr>
<tr>
<td>Hufford A-7 CNC</td>
<td>18’</td>
<td>23 ton</td>
</tr>
<tr>
<td>Capps Design A-12</td>
<td>20’</td>
<td>270 ton</td>
</tr>
</tbody>
</table>

Steel Frames “Z” & “L”

Extruded Hat Section

Sheet Metal Channel
Cyril Bath VTL 800 Ton Skin Stretch

- 800 tons of Forming Pressure.
- Complete CNC controls of all functions.
- Capable of Leading Edge and Drape forming up to 15’ long and “End Pulled” skins up to 30’ long.
- 400 tons of down acting bulldozer pressure for reverse contour work.
- Curving auxiliary grippers (24” radius min.).
Leading Edge – Up to 16’  

Titanium Skin

<table>
<thead>
<tr>
<th>Company</th>
<th>Press Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parker Hannifin</td>
<td>Stretch Press</td>
<td>3 ton</td>
</tr>
<tr>
<td>Erco</td>
<td>Stretch Press</td>
<td>150 ton</td>
</tr>
<tr>
<td>Erco</td>
<td>Stretch Press – Leading Edge</td>
<td>300 ton</td>
</tr>
<tr>
<td>Erco</td>
<td>Stretch Press</td>
<td>460 ton</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>HPM</td>
<td>Hydro Press</td>
<td>2500 Ton Bed 4’x8’</td>
</tr>
<tr>
<td>Aluminum Bulkhead</td>
<td>36”</td>
<td></td>
</tr>
<tr>
<td>Stang Inner Panel</td>
<td>20”</td>
<td></td>
</tr>
<tr>
<td>Sheet Metal “Z” Shaped Frame</td>
<td></td>
<td>46”</td>
</tr>
<tr>
<td>Firewall</td>
<td></td>
<td>66”</td>
</tr>
</tbody>
</table>
Verson Wheelon 16200R 36-120 Fluid Form Press.
Tray size: both 36”x120” with bottom depth of 4 ½” and 6 ½”. Capacity Tonnage – 16,200.
Pressure Forming – Maximum psi 7,500.
Frames
Gulfstream Model G650

Frames
Gulfstream Model G650

HAAS VF4  3 Axis CNC MC  Table 50” x 20”

HAAS VR11  5 Axis CNC MC  Table 120” x 40”
<table>
<thead>
<tr>
<th>DMS</th>
<th>5 Axis CNC Router</th>
<th>Table 182&quot; X120&quot; (2)</th>
<th>Table 300&quot; X120&quot; (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stretch Form Block

737 Bulkhead Web
SNK HPS-120A | 5 Axis CNC | Table 169"x48"
<table>
<thead>
<tr>
<th>Machine</th>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fadal 4020</td>
<td>3 Axis CNC</td>
<td>Table x40&quot;y20&quot;z20</td>
</tr>
<tr>
<td>Fadal 6030</td>
<td>3 Axis CNC</td>
<td>Table x60&quot;y30&quot;z30</td>
</tr>
<tr>
<td>Fadal 8030</td>
<td>3 Axis CNC</td>
<td>Table x80&quot;y30&quot;z30</td>
</tr>
<tr>
<td>Fadal 8030</td>
<td>3 Axis CNC</td>
<td>Table x80&quot;y30&quot;z30</td>
</tr>
</tbody>
</table>
Cincinnati 5 Axis CNC Gantry Mill

Table 104”x180”
Despatch Drop Bottom Oven.

Load capability is 6’ width x 16’ length x 12’ height with Operating Range up to 1,000 deg. F.

AC7102 & AC7101/5
AMS2770, AMS-H-6088
Heat Treat
Chemical Processing and Paint Facility

- Waste Water Treatment
- Processing Line
- Anodized Part
- Paint Oven
- Paint Booth
- Painted Parts
- Penetrant Booth
- Finished Parts
- Alodined Part
Close to Mid-Continent International Airport with easy access to U.S. 54 and Interstate Highways I-35, I-135 & I-235.

2121 S. Edwards
Wichita, Kansas 67213

Phone: 316-942-9351
Technical Approvals & Certifications

Check out our complete list of OEM approvals on our web site. http://www.cappsmfg.com/approvals/

Request a Quote or Contact Us

Use our web site to request a quote or contact us. https://www.cappsmfg.com/request-quote/ https://www.cappsmfg.com/contact-us/

Snap the code to the right with your smart phone to request a quote using our convenient on-line form!
This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Capps Manufacturing Inc.
2121 S Edwards St
Wichita, KS 67213-1868
United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Heat Treating

Certificate Number: 4040193210
Expiration Date: 30 April 2021
Accreditation Length: 18 Months

Michael J. Hayward
Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527
This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Capps Manufacturing Inc.
2121 S Edwards St
Wichita, KS 67213-1868
United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Chemical Processing

Certificate Number: 4040157990
Expiry Date: 31 January 2021

Michael J. Hayward
Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527
This certificate is granted and awarded by the authority of the Nadcap Management Council to:

Capps Manufacturing Inc.
2121 S Edwards St
Wichita, KS 67213-1868
United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

NonDestructive Testing

Certificate Number: 4040191804
Expiration Date: 31 January 2021
Accreditation Length: 18 Months

Michael J. Hayward
Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527
CERTIFICATE OF REGISTRATION

This is to certify that

Capps Manufacturing Inc.
2121 South Edwards, Wichita, Kansas 67213 USA

The above organization has been audited in accordance with the requirements of AS9100:2012. QM-041 Canada Limited (DAI Global) located in Toronto, Ontario, Canada is accredited under the Industry Controlled Other Party (ICOP) scheme. The certificate is issued at the accreditation location in Toronto, Canada.

operates a

Quality Management System
which complies with the requirements of

ISO 9001:2015 + AS9100D

for the following scope of certification

Fabrication of Sheetmetal Parts for the Aircraft Industry.

Certificate No.: CERT-0107941
File No.: 1500545
Issue Date: December 6, 2017

Original Certification Date: December 11, 2002
Certification Effective Date: December 6, 2017
Certification Expiry Date: December 5, 2020

Nicole Grantham
General Manager SAI Global Certification Services

Registered by:
ANAB Accredited
AS910000

SAI GLOBAL
ISO 9001:2015
Certification Bodies

To verify the above certification, please refer to the SAI Global On-line Certification database: www.sai-global.com/certview
Our Vision and Strategy for the Future

To do what ever it takes to gain and maintain the respect and admiration of our Customers, Employees, and the Community.

By…
Recruiting, retaining, and motivating the most highly skilled employees available.

Which will help us…
Increase capacity with current levels of capabilities by becoming more efficient and implementing lean manufacturing concepts.

Which will allow us to make profit and reinvest…
Striving to become self contained by bringing outsourced manufacturing processes internally as cost/benefits become feasible.

And…
Become “one-stop-shopping” for our Customers by offering services from special tooling to detail parts fabrication to assemblies.

Which will make us the preferred…
Partner for our Customers and for them to share in our evolving from a job shop to become a full design/build aerospace manufacturing facility.

Visit us @ www.cappsmfg.com