



# COMPU Craft

Fabricators Inc.  
Precision Metal Components



## May

Featured Part



### Stainless Steel Reservoir

This month we are featuring an industrial reservoir. Over twenty components come together in our welding department to create this beauty. With laser cut, formed, rolled, and machined components this assembly touches nearly every area of our shop. A competency which sets Compucraft apart from our competitors, is our full-service in-house machining capabilities. After welding the part must have features around the opening machined to final dimensions. Using our in-house CNC machining capabilities we are able to maintain control over the manufacturing processes from start to finish and produce a superior part.

#### Complete Assembly, Sheet Metal, Machined and Welded Components.

- > ISO 9001 certified quality management system
- > Certified Welding to MIL-STD-1595a for process DTAW Group 1b, 1ia
- > 100% in-process inspection
- > Certified inspection reports
- > U.S. Department of State ITAR Registered company

#### All CAD Formats:

Solidworks (sldprt, sldasm), AutoCAD (dwg, dxf), Inventor, Pro/E, CATIA 4/5, Unigraphics, Parasolid, ACIS SAT, iges, step, ckd, prt, stl

Sheet Metal      Enclosures      Laser Cutting  
Machining      Polishing      Welding & Brazing

**Problem:**  
Using just basic geometry prove that:  
 $a \cdot a' = b \cdot b' + c \cdot c'$



**Quiz:**  
Who has the lowest career batting average among players with 3,000 hits.?

- a. Cal Ripken
- b. Rickey Henderson
- c. Carl Yastrzemski
- d. Eddie Murray

\*Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to [www.metalwork.com](http://www.metalwork.com) and click on Problem of the Month link.

**Quote:**  
"Character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened, ambition inspired, and success achieved."

~ Helen Keller ~



Call us for a free quote!  
**215.654.7778**



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