



**COMPU**Craft  
Fabricators Inc.  
Precision Metal Components



## Shirley You're Joking

No, we're not joking, this part is really machined from a solid piece of aluminum, and don't call us Shirley. While April's Featured Part may look like a tube welded through a piece of sheet metal, it was actually produced utilizing our 5-axis machining capabilities. This part starts out as a 6" x 6" x 8" billet of aluminum. The part is first rough machined and then the center bore is added. A fixture was designed to hold the part through the center bore for the final 5-axis machining operation. The custom designed fixture adds extra rigidity and allows for the best possible finished product. Whether you need a tube welded through a piece of sheet metal, or have 5-axis machining requirements, send your inquiries today.

### Quiz:

In the movie the Wizard Of Oz Toto the dog got paid more money than Judy Garland?

- a. True
- b. April Fools

### Problem:

One-half of Heather's age two years from now plus one-third of her age three years ago is twenty years. How old is she now?

\* 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:

"The problem with quotes on the Internet is that they are difficult to authenticate."

~ Abraham Lincoln ~

## Featured Part April



[www.metalwork.com](http://www.metalwork.com)  
**Come Visit Us!**  
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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

### All CAD Formats:

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