





### **Precision Welding**

This month we are featuring a weldment made from 1/4" thick steel plate and structural 'C' channel. The steel plate is cut on our laser, and then some of the pieces are formed. Concurrently, the structural 'C' channel is cut to spec in our machine shop. Once all of the components are complete the parts move on to our welding department where a custom fixture is employed to hold the tight tolerances required on the finished product. The final stop for this part prior to shipping is the Inspection Department, where final dimensions and tolerances are verified, and inspection reports are created. If you have a tight tolerance weldment let us show you that it is "no problem." Send your inquiries today.

## September Featured Part

#### Quiz:

The very first one appeared in a newspaper on September 11th, 1875. The very first what?

- a. "Help Wanted" ad
- b. Crossword Puzzle
- c. Comic Strip
- d. Sports page

#### Problem:

If the difference of two numbers is 10 and their product is 17, what is the sum of their squares?

\*Please be sure to check our NEW website for answers to all previous months Problems and Quizzes! Go to www.metalwork.com and click on FEATURED PART page.

#### Quote:

Whenever you find yourself on the side of the majority, it is time to pause and reflect.  $\sim$  Mark Twain  $\sim$ 

#### **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** 

Machining

Polishing

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- > 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.

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Come Visit Usl 102D Park Drive Montgomeryville, PA

P: 215.654.7778
F: 215.654.7779
E: sales@metalwork.com

Laser Cutting