

From the Desk of... Jack Champaigne

○ Workshop on the web

Registration will be available from our web page for Workshop 1998, also a list of pre-registered students will be updated daily. Our web address is www.shotpeener.com.

○ The 1998 Trade Show

The trade show section of the workshop is filling up fast. Time will be allotted each day to visit over 30 of the world's finest vendors of peening and blast cleaning products and services. If you haven't registered for a booth don't delay, space is limited to 30 booths.

○ 1998 DOD Conference

EI attended the annual DOD Aircraft Paint Stripping Conference in Atlanta on June 8, 9 and 10 and demonstrated its new multi-media nozzle sensor, usable on plastic, wheat starch, sand, glass etc. (You throw it, we measure it.) See the article on our new sensor on page 10 of this newsletter. If you need to measure the flow rate of various materials in any critical paint stripping or blast cleaning application, this could be of interest to you. For more information call Mark Ingram at EI.

○ Progressive Technologies using MagnaValves for Boeing project

Progressive Technologies is working with Boeing Commercial Airplane Group, Seattle WA, on two projects to help Boeing increase its capacity and productivity for shot peening airframe structural components.

The first project involves upgrading one of two existing Progressive 5-axis robotic systems for peening Boeing wing skin edges. The upgrade, which utilizes improved lasers and machine vision for on-line profile tracking, will enable Boeing to reduce the amount of manual post-peening operations and shows promise of increasing skin throughput.

The second project involves a system jointly developed between Boeing Commercial Airplane Group's Fabrication Division and Progressive team members for precision shot peening a wide variety of integrally webbed structural components. The system utilizes a powerful yet simple operator interface and state-of-the-art process controls, including closed-loop air pressure control and **MagnaValves** for closed-loop control of shot flow.

○ New EI staff member

Meet Renee Woolfolk, EI's new sales manager. She'll be taking phone orders and traveling to key accounts promoting Almen strips, gages, MagnaValves and Controls, and keeping Jack out of trouble (well, somewhat).

Congressman Tim Roemer Visits Electronics Inc.



Congressman Tim Roemer and Jack Champaigne

Jack Champaigne, president of Electronics Inc. (EI), recently invited Congressman Tim Roemer to EI. After a tour of the facility and a briefing on shot peening, Almen gages and MagnaValves, Jack and Mr. Roemer discussed shot peening operator training and assistance in high schools and vocational schools.

Who is EI, anyway?

Most of our readers know that EI publishes this newsletter, manufactures Almen gages and MagnaValves, and distributes Almen strips, but you might not know much else about us. Here's a brief history:

Jack Champaigne founded Electronics Inc. in 1974 as a design and manufacturing company. The company moved from Jack's home to a store front in 1978 and then in 1983 moved to its present location in Mishawaka, Indiana.

The first "shot peening" opportunity came in 1979 when EI provided shot flow control to Boeing for peen-forming of the wings of the 767 aircraft. A line of shot flow rate controls was developed after this project was delivered and then full-time effort was devoted to the shot peening industry.

Some vital statistics include:

- Distributors in 14 countries
- 6 patents issued (3 pending)
- Sponsor of the annual Shot Peening and Blast Cleaning Workshop
- Publisher of three newsletters: The Shot Peener, Abrasive Blast Cleaning News and Aircraft Paint Stripping News
- Publisher of the Buyer's Guide. This publication is sent to over 4,500 readers in 45 countries.

Our future plans include ISO 9000 certification in 1998 and the construction of a new facility in 1999. ○