

*Midwest
Metal
Products*

Kevin Urban

President

Midwest Metal Products

Flood of 2008





- **Precision Sheet Metal Fabrication**
- **Founded in 1964 by Ray Urban**
- **115 Employees, 95,000 sq ft, climate controlled**
- **AS9100 Certified, NADCAP Compliant, ITAR**



EML Turret/Laser



**Rockwell
Collins**
Building trust every day



Esterline

| Control Systems

COBHAM

GARMIN



Canard Aerospace Corporation
Aircraft Systems Engineering





Robotic Forming

Powder Coating







- **Amada Vipros Turret Punches**
- **\$3.4 million investment**
- **23,000 production hours**



•Set Up Improvement

•DPPM

•Scrap

•Productivity

Customer Supplied Prints

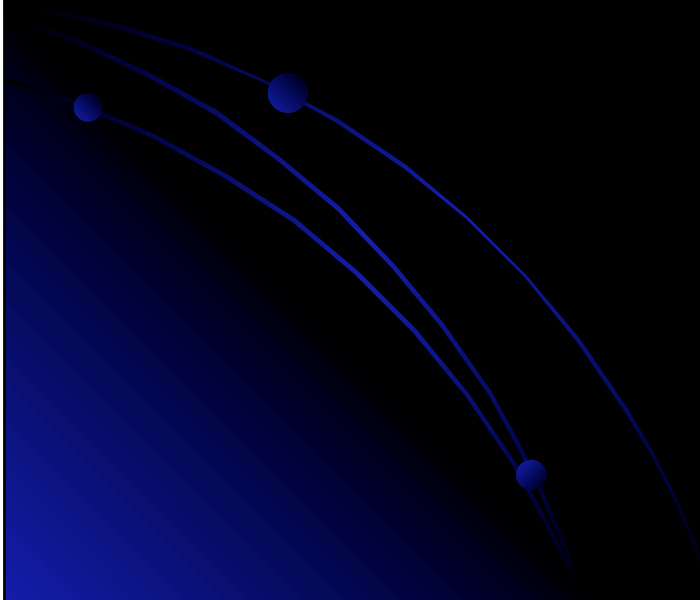
- Inconsistent Drawings – Over 150 Customers
- Constant Print Interpretation
- High DPPM
- High Scrap
- Low Productivity

MMP Manufacturing Prints

- **Created Standard Work**
 - Customer requirements noted
 - Print designed for the specific process
- **Operator Training**
 - Simplified/Reduced
- **Clear, Consistent, and Concise!**

Turret Punch Internal DPPM

39.6% reduction from 2008



Scrap

2008 – 18,171 pieces

2009 – 2,447 pieces

86.5% Reduction



Productivity

2008 – 90.3%

2009 – 96.7%

6.4% Improvement



Plant Wide Improvement

- DPPM
 - 69.1% Reduction from 2008
- On-Time Delivery
 - 2008 – 96.94%
 - 2009 – 98.81%



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***Thank you
very much!!!***

Kevin Urban

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