

Supplier Keynote



Kevin Urban

President, Midwest Metal Products

Kevin has been president and part owner of Midwest Metal Products since 1999. He has over 40 years of diverse experience in the sheet metal fabrication industry. Midwest specializes in low volume, high mix, precision sheet metal parts for the aerospace, medical, and electronics industries. Kevin continues to lead continuous improvement into the future



*Midwest
Metal
Products*

Kevin Urban

President

Midwest Metal Products



Iowa Hawkeyes
2010 Orange Bowl
Champions



1969



2009



- **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





Hardware Insertion



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

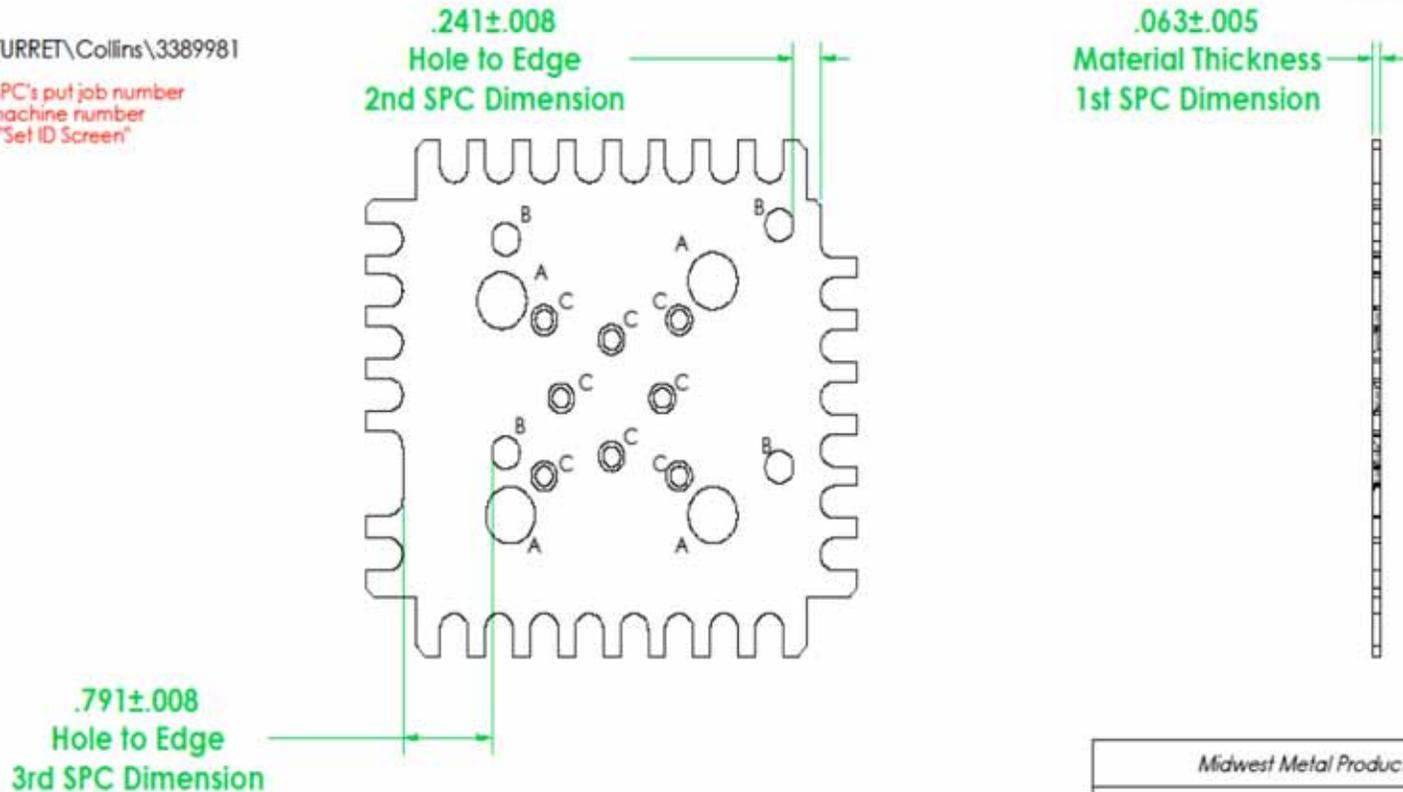
MMP Manufacturing Prints

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

Level: 3
 Material: A1-063-48-120
 Blank Size: 24 X 12
 Cadfile Location:
 F:\prg\ACAD\Collins\3389981
 Tape Location:
 F:\prg\VIP\3389981
 SPC Location:
 F:\users\spc\TURRET\Collins\3389981

-When entering SPC's put job number
 Under ID 1 and machine number
 under ID 2 in the "Set ID Screen"

Hole Table			
TAG	SIZE	QUANTITY	SPC
A	Ø .437±.005	4	
B	Ø .250±.005	4	
C	Ø .156±.003 THRU ✓ Ø .230±.005 X 82° Form Down	8	4th SPC Dimension 5th SPC Dimension



File Location:
 F:\users\Project Management\Collins\827-3389-981\Rev A\Turret

THIRD ANGLE PROJECTION
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 Drawn By: D.Foley
 Revised By:

Midwest Metal Products		
Customer: Rockwell Collins		
SIZE B	827-3389-981	REV A
Approved By: Bob Rusman		SHEET 1 OF 1

Turret Punch Internal DPPM

39.6% reduction from 2008

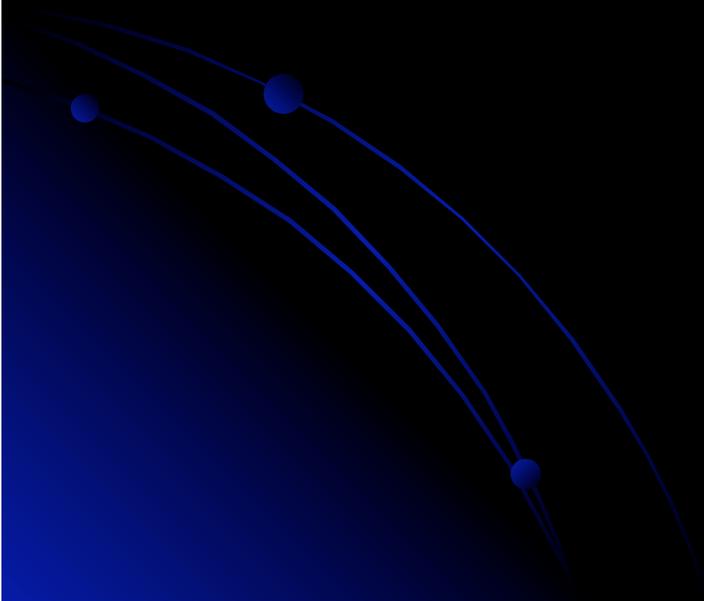


Turret Punch - Scrap

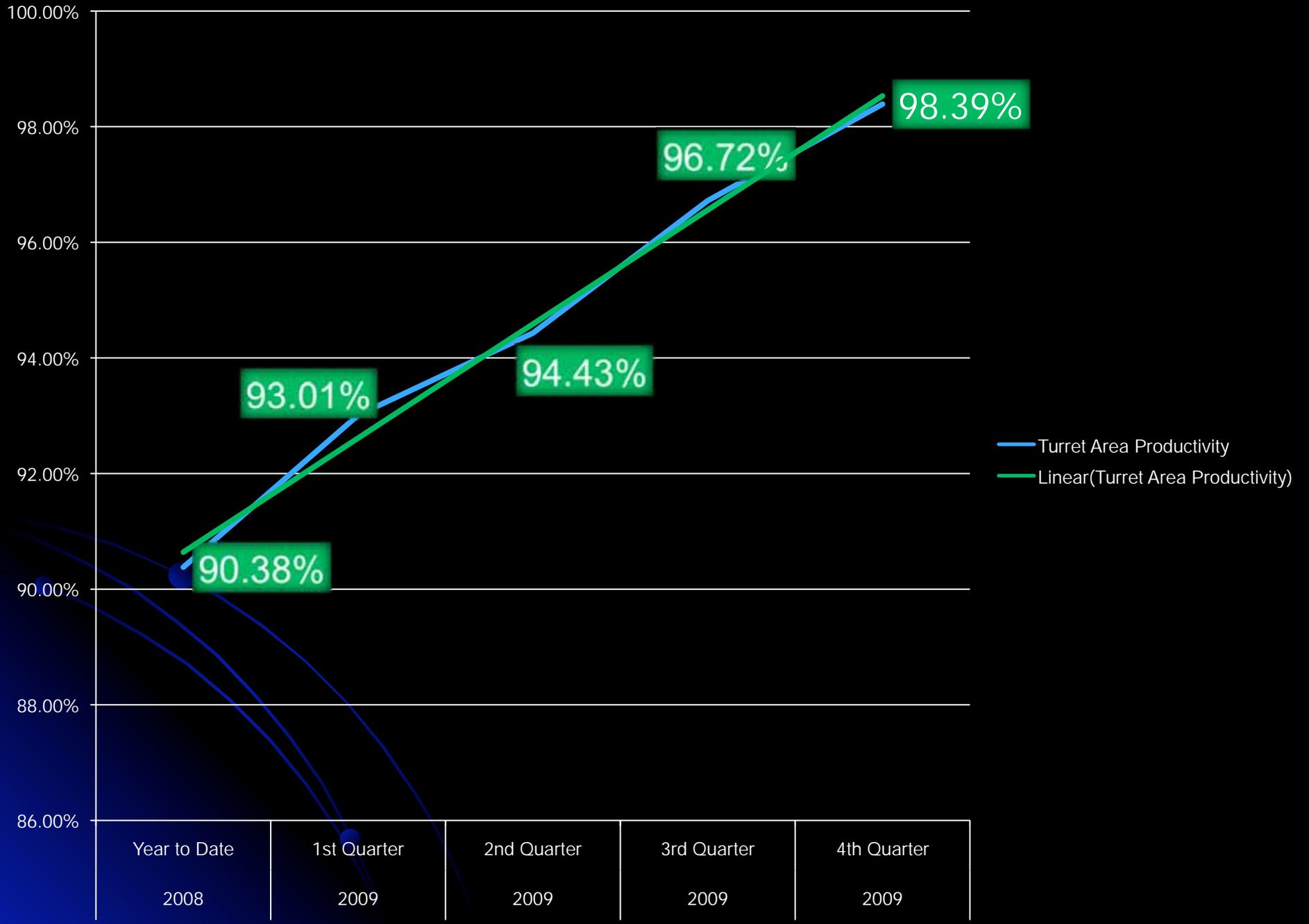
2008 – 18,171 pieces

2009 – 11,760 pieces

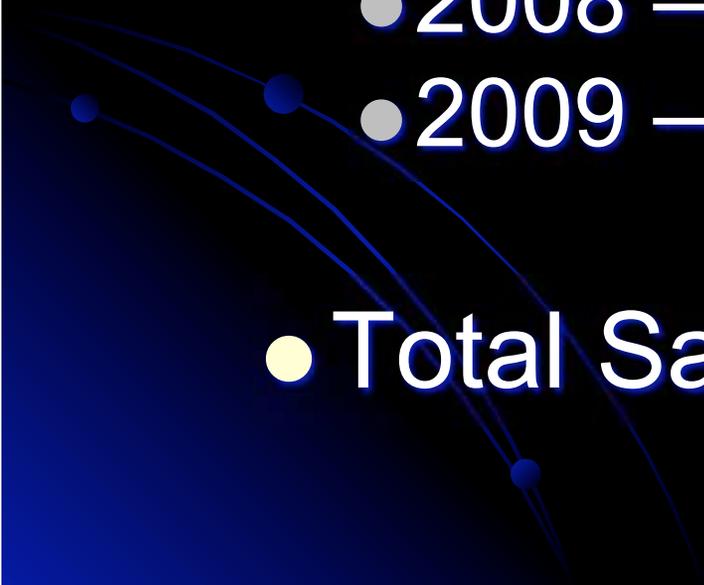
64.7% Reduction



Turret Area Productivity



Plant Wide Improvement

- DPPM
 - 66.4% Reduction from 2008
 - On-Time Delivery
 - 2008 – 96.94%
 - 2009 – 99.19%
 - Total Savings: \$113,000 YTD
- 

***Midwest
Metal
Products***

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

Kevin Urban

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