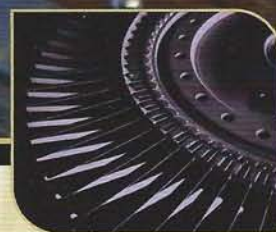
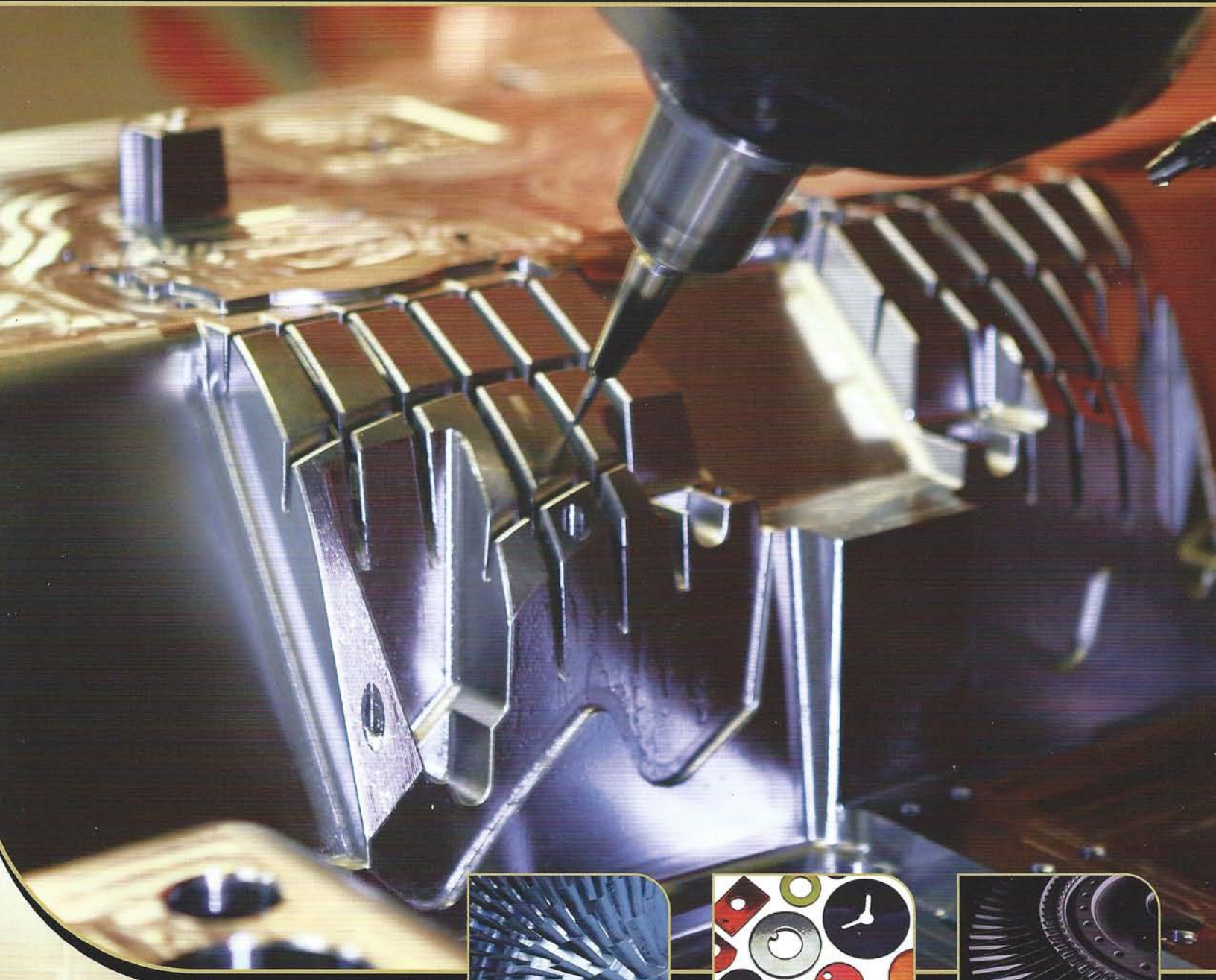




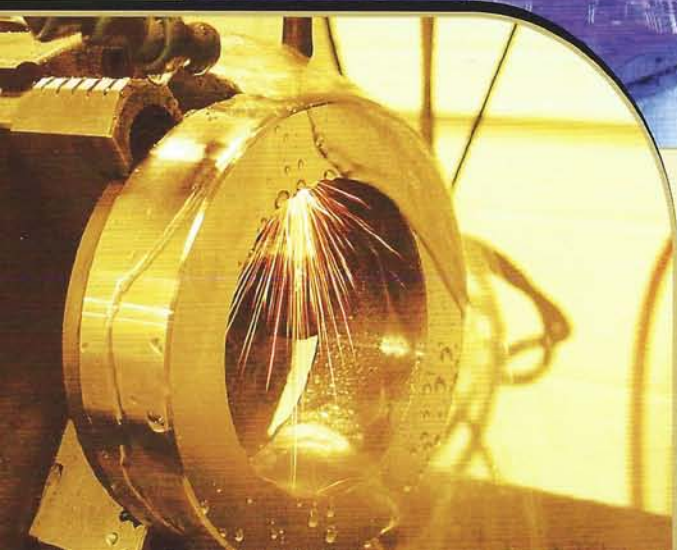
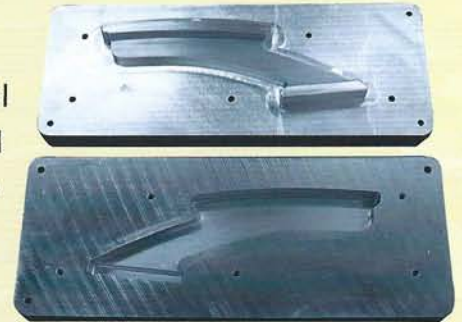
MICHIGAN AEROSPACE MANUFACTURERS ASSOCIATION



Providing the global aerospace industry with  
state of the art technology, multiple manufacturing disciplines  
and extensive manufacturing capacity

**T**he mission of the Michigan Aerospace Manufacturers Association (“MAMA”) is to serve and represent the interests of Michigan’s aerospace manufacturing firms with a single, unified voice. MAMA provides educational programs and industry research to its members and promotes the aerospace manufacturing community in the State of Michigan within the global industry.

MAMA’s members are dedicated to providing the global aerospace industry with the latest technology, resources and capacity. It is this dedication that fuels the production of the highest quality aerospace products for both the OEM and aftermarket industry segments.



## **CAPABILITIES**

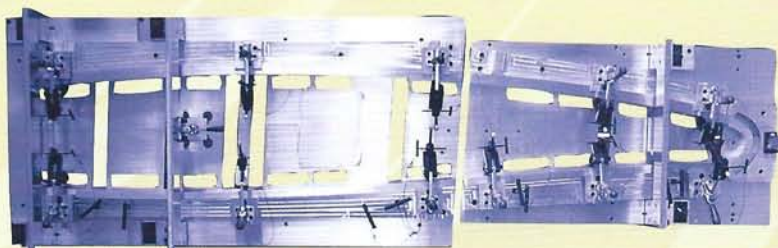
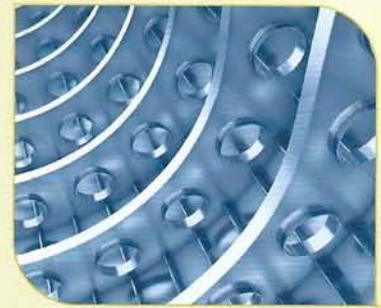
**Stamping**  
**Cold/Warm/Hot Forming**  
**Plastics**  
**CNC Machining Hardware**  
**CNC Machining Fasteners**  
**Laser/Waterjet**  
**Heat Treating**  
**EDM - Wire and Sinker**  
**Broaching**  
**Gun Drilling**  
**Welding**  
**Plating/Coating**  
**Hydroforming**  
**Rollforming**  
**Anodizing**  
**Chromating**  
**Powder Coating**  
**Match Grinding**  
**Tool and Die**  
**Screw Machining**  
**Assemblies**  
**Non Destructive Testing**  
**Forging**  
**Casting**  
**and many more . . .**

**A**s the aerospace industry as a whole began to suffer beginning in early 2002, many aerospace manufacturing firms left the supply base. However, as the industry began to grow at historically high rates in 2004 due to the incredible demand for commercial, corporate as well as military jets and helicopters, the industry faced the predicament of not being able to produce these aircraft due to capacity constraints.

At the same time, Michigan's manufacturing base was experiencing a slowdown due to the automotive OEM's refocusing their manufacturing efforts overseas. The result is that Michigan's manufacturing base, which possesses many of the most sophisticated and technologically advanced manufacturing facilities and one of the most talented and experienced manufacturing workforces, is faced with a significant amount of unused capacity.

MAMA was specifically created to address the aerospace industry's supply chain issues with a network of AS-9120, AS-9100 and NADCAP certified manufacturing firms dedicated to providing advanced technology, a fully trained workforce and available capacity to create the industry's premier supply base.

It is through the provision of these resources that MAMA can contribute to the overall ability of the aerospace industry to further expand their production levels and continue to grow their businesses – by providing higher quality components with dramatically lower lead times.



**MAMA**

MICHIGAN AEROSPACE  
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**MAMA+**

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