



SHEETMETAL FABRICATION

Available at:

AREMAC HEAT TREATING, LLC

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Since 1968, Aremac Heat Treating (AHT) has been a dependable, one-source manufacturing facility for parts and assemblies. At AHT, we have wide experience in metal forming and fabrication. We fabricate parts for aerospace, defense and private industries all over the world.

OUR SPECIALTIES

• **Hydroforming**

We use rubber pad hydroforming to fabricate complex shapes. The hydroforming process simplifies tooling, which lowers the cost and gets your parts to you fast – when you need them.

• **Titanium Hot Forming / Sizing**

This highly controlled and precise process is our specialty. AHT provides finished titanium parts and assemblies for commercial aircraft, spacecraft military high-performance and stealth aircraft.

• **Hot Forming/Joggling**

Your aluminum and titanium parts can be hot formed or joggled per specification quickly and accurately using your tooling or ours.

• **8 Axis Press Brake Forming**

Using the latest in brake press technology to ensure end product quality in forming of complex parts with parallel and non-parallel flanges.

• **5 Axis High Speed CNC Machining/Waterjet**

Our 3 and 5 axis machining centers can handle parts and tooling up to X=64" Y=32" Z=30".

Our 5 axis waterjet cuts precision parts fast without distortion. We can accept your CAD files for rapid turnaround.

• **Heat Treating**

This all important process is performed in-house to insure that quality and scheduling demands are met. Our Staff metallurgist, in-house lab, and over 30 years experience ensures that all of your parts are "treated right".

• **Diffusion Bonding**

Diffusion bonding is a solid-state joining process capable of joining a wide range of dissimilar materials without the need for melting (welding) and with minimum distortion. AHT can diffusion bond parts up to 6' long in our specialized equipment.

