

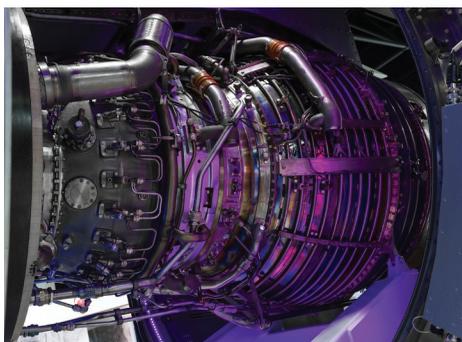
A banner image showing the silhouettes of several military helicopters against a sunset sky. The helicopters are in the foreground, and the sun is low on the horizon, creating a warm, orange and yellow glow. The sky transitions to a light blue at the top.

Defense

Rotor Blade, Turbine Engine, Exhaust & Missile Components

As a leader in **deep-drawn** and **electroformed** components and assemblies, Alpha Metalcraft Group (AMG) companies have extensive experience delivering highly precise and complex products for the aerospace, defense and medical markets.

Our customers rely on us for aerospace engine and exhaust components, rotor blade and missile components, and x-ray tube components and housing assemblies. Leveraging the expertise of Connecticut Coining, Gasser and GAR Electroforming, AMG helps customers navigate their most difficult manufacturing challenges and knows how to deliver products that meet their stringent requirements.



Turbine Engine
Exhaust Duct Components



Rotorcraft Blade & Turbine Engine
Abrasion Guards



Missile
Body Skins, Nose Cones &
Wing Slot Seals (heat shields)

Defense Products

Certifications

- AS9100D
- ISO9001:2015
- NADCAP
- ITAR

Cage Codes

- 29453
- 3EAF1
- 26014

Materials

- Alloy 718, 625
- Hastelloy
- Nickel
- Nickel/cobalt
- Copper
- Stainless steel
- Aluminum
- Kovar
- Molybdenum
- Titanium
- Tantalum

Products

Deep Drawn Components:

- Joint
- Anti-ice duct
- Telescopic duct
- Silencer
- Oil cooler system
- Fire suppression
- Missile body skins and nose cones

Electroform Components:

- Leading edge abrasion guards
- Cold shields
- Heat shields
- Wing slot seals
- OG Vane leading edge abrasion guards

Equipment & Processes:

- Deep drawing
- Electroforming
- CNC machining
- Grinding
- Polishing
- Welding
- Assembly
- 90+ forming presses
- 10 to 600 Tons
- Electroforming tanks up to 18'
- Electroforms up to 2,000 lbs.

