



# Quality Takes Flight

*Aerospace*



Apache helicopter rotor housing parts



Boeing HVAC volute section



Abrams M1A2 tank power distribution box



Abrams M1A2 tank duct casting



Solidification modeling



6-axis shelling robot

# Proven precision.



No industry is more concerned with component reliability and process repeatability than the aerospace industry. At Barron Industries, we respond by providing aerospace OEMs and their sub-contractors with engineered metal products of uncompromised quality, unequalled consistency and outstanding value. Our customers consistently turn to us for:

- Engineering and CAD design
- Rapid prototypes
- Precision investment casting
- CNC machining
- Welded fabrication
- Complete assembly

They recognize our comprehensive single-source capability, a “one-stop” shop they can rely on for their needs.

We provide on-time and on-budget delivery, addressing critical projects effectively and efficiently by doing all work on-premises in our facilities. We pour over 150 ferrous and non-ferrous alloys and are ISO 9001:2000

and ISO/TS 16949:2002-certified. And we do our work very quickly, often turning repeat orders around in as little as two weeks, depending upon customer requirements.

## Responding quickly and effectively

As a key supplier to the aerospace industry, we respond faithfully to customer demands. Our capabilities are wide-ranging. Precision investment casting the volute section of a Boeing aircraft HVAC system is just one example of the many complex and exacting aerospace components we manufacture.

We utilize the latest state-of-the-art technology, including a 6-axis robot and air-knife drying system in our ceramic shelling operations. And our quality-assurance system is built around compliance to AS-9100 and NADCAP specifications for the manufacture and testing of machined aerospace precision castings.

On the aluminum-finned power distribution boxes we produce, tolerances are held so tightly, our customer is able to insert electronic control modules directly into the slots without any machining.

Navsea ejection seat nozzle

The ability to consistently cast thin wall sections elevates us into an exclusive league of foundries with few competitors. This ability, coupled with our compression-straightening process for aluminum aerospace castings and our precision Mori Seiki, Mazak and Makino CNC machining centers, enables Barron Industries to handle casting projects from beginning to end—making us the only source you need.

In addition, our in-house NDT and inspection capabilities make for quicker turnaround and even tighter quality control.

Trust Barron Industries to manufacture the aerospace components you require... and rest easy.



Learn more at [www.barron-industries.com](http://www.barron-industries.com) or call 248-628-4300

A passion for performance

