



ISO - 9001:2000 Certified

**Aircraft Rubber Manufacturing, Inc.**



Example of Mold Building Capacities



## ARM HISTORY

ARM was founded in 1986 and has acquired the expertise to custom build and produce rubberized bladders for many applications. Manufactured from many types of flexible material for thousands of application. For containment of gasoline, diesel, aviation fuels, to water, air, chemical, and waste.

## REDMOND, OREGON

All our employees are now consolidated under one roof in a 100,000 square foot plant in Redmond, Oregon. Here we are dedicated to the manufacture of Pro Cell<sup>®</sup>, Sportsman<sup>®</sup>, Ultra Cell<sup>®</sup>, Enduro<sup>®</sup>, Race Safe Racing Cells<sup>®</sup>, Marine Fuel Bladders, Pro Barrels as well as custom and specialized products.

## R&D CAPABILITIES

With engineering, R&D, welding/fabrication, pattern/tooling, CNC machine shop, rotomold division and final assembly closely connected, ARM has enhanced abilities to produce prototypes and even complete production runs on short notice.



Example of Marine Ballast Tank



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## CNC ROUTER

Custom engineered extrusion design for high strength and rigidity. High-frequency Automatic Tool Calibration High Speed 3 axis Motion.



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## 3 AXIS CNC

High speed multi-axis akira-seiki turning centers with capabilities of live tooling with 2.8" auto bar feed capacity.



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## ELECTRONIC SEAMING

ARM uses innovative seaming techniques for all of our products.





Example of Vintage Aircraft Bladder



## Rotomolding

ARM manufactures our own plastic tanks and fuel cells in house using a computer controlled roto-molding machine.



## Fabrication Capabilities

ARM manufactures fuel cells, oil tanks, alcohol and water bladders from state-of-the-art coated fabrics.



## Custom Application

ARM manufactures bladders in many custom sizes and shaped to fit a wide variety of applications from military, aircraft, marine, submersibles, race cars and industrial uses.



Example of Welding Capabilities



## Welding/Fabrication

ARM has seven welding station for the manufacturing of many standard and custom applications. We have the ability to weld steel, stainless, and aluminum and we utilize cad drawing to manufacture all are tanks and parts to assure a quality and correct fit.



## Mass Production

ARM can manufacture high production items to very close tolerances using our CNC machines and cad capabilities.



## CAD/CAM Design

ARM utilizes cad and cam for 2 and 3D geometry to create and build world class fuel cells, bladders and liquid containment systems





Example of Bullet Proof Armored Fuel Cell



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## Drone and Missiles

ARM's Spy Drone, Target Drones, Missile, and Rocket fuel cells built to your specifications, manufactured from the highest quality lightest materials available.



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## Vintage Aircraft

ARM's vintage aircraft cells are designed and manufactured to replace the original fuel tank or cell utilizing the original fitting and hardware to keep the originality in your aircraft.



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## Pillow Storage

Aircraft Rubber Manufacturing's Pillow bladders are an excellent way to go when you are in need of easy transport and containment of all types of liquids. These specialty pillow bladders are collapsible and easy to store in small confined areas.



Example of Custom Test Cells



## Military

ARM manufactures many types of fuel cells, armored cells and bladder for all types of military vehicles such as tracked and wheeled assault vehicles, troop personal carriers, stealth watercraft, submersibles and spy drones.



## Armored Cells

Our armored vehicle cells come in four different stages of safety from stage 1 with safety foam baffling to stage 4 with full self sealing capability.



## Auto Racing

Our Indy/IRL fuel cells are built to your specifications to meet and exceed the USAC CRFS102 requirements. Our dedication and commitment to quality and safety has made us number 1 in both INDY/IRL for over 8 years supplying over 95% of all cells used.





Land Speed Record Vehicle



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