SERVICES

AIM MRO provides our customers with engineering solutions in addition to our full bill of material capability. We offer several analytical or consultative services such as:

- Repair Development - we will assist you in developing a repair process for specific components
- Preform Design - we will develop customized presintered performs for a particular component repair situation
- Engineered Product Solutions - our engineering team can provide development, design and manufacture of many new engineered component repair products including virtually every form in our product line: PSP’s, powders, pastes, and tapes, etc.

Value Added Supply Services

In addition, AIM MRO offers value added services. By integrating our resources with your material planning, procurement and warehousing processes we can help you to decrease costs, reduce inventory, and improve service levels.

- Vendor Managed Inventory (VMI)
- Material Planning
- Sourcing
- Supplier Management
- Quality Control
- Record Keeping
- Shipment Consolidation
- JIT Programs

ABOUT US

Founded in 1993, AIM MRO, LLC is a full-service MRO material management company headquartered in Cincinnati, OH. AIM MRO has grown rapidly since our inception by servicing the raw material needs of the top global MRO service shops across aero and land based turbine facilities.

AIM MRO is truly a “global” company – more than 50% of AIM MRO sales are to customers outside of North America. Offices are also in Singapore, Brazil, Dubai, UK and Germany.

AIM MRO is truly differentiated from our competition by a tradition of innovation. Our deep understanding of our customers' industries and our intimate knowledge of their supply chain issues allow us to a unique and thorough range of products and services.

QUALITY

AIM MRO holds several approvals across the range of products including GE, Honeywell, Rolls Royce, Pratt & Whitney, SNECMA, MTU, ISO 9003.
OUR PRODUCTS

THERMAL SPRAY PRODUCTS
AIM MRO stocks a wide range of plasma spray powders, including Abradables, MCrAlY’s, Composites, Oxides, and Carbides. Thermal Spray wires are also available. All AIM MRO powders & wires carry OEM specification approvals as required. We also provide material sized to your specific requirements and can even help you develop new materials.

SPECIALTY COATING PRODUCTS
Vapor Phase Products
AIM MRO offers a number of vapor phase products to complement our normal repair and overhaul product offerings. Our vapor phase products include cobalt aluminum, chrome aluminum, aluminum silicon Codep, and pure chrome available in all product forms to meet OEM specifications including powders, pellets and special size requirements.

AIM MRO offers a number of vapor phase products to complement our normal repair and overhaul product offerings. Our vapor phase products include cobalt aluminum, chrome aluminum, aluminum silicon Codep, and pure chrome available in all product forms to meet OEM specifications including powders, pellets and special size requirements.

Masking Materials
AIM MRO also carries a number of masking materials to complement our normal repair and overhaul product offerings. Our masking materials include calcined aluminas, powders, slurries, and tapes as well as chlorine and fluorine based activators that will meet all OEM specification and size requirements.

AIM MRO offers a number of vapor phase products to complement our normal repair and overhaul product offerings. Our vapor phase products include cobalt aluminum, chrome aluminum, aluminum silicon Codep, and pure chrome available in all product forms to meet OEM specifications including powders, pellets and special size requirements.

AIM MRO now supplies a wide range of polishing products and solutions. Abrasives, machines, hand tools, belts and idler shafts with rubber contact wheels are available.

BLENDING AND FINISHING PRODUCTS
AIM MRO is the world leader in diffusion repair products and services for the gas turbine industry. Final blend and finishing is performed on many components after dimensional restoration. Many processes are used for these final steps including belt polishing.

AIM MRO is the world leader in diffusion repair products and services for the gas turbine industry. Final blend and finishing is performed on many components after dimensional restoration. Many processes are used for these final steps including belt polishing.

Abrasives/Belts/Wheels
- Abrasive Belts for High Head Polishing Machines
- Abrasive Belts for Hand Grinders
- Abrasive Wheels for Low Head Polishing Machines
- Idler Wheels for High Head Polishing Machines

Machines/Tools
- High Head Polishing Machines
- Low Head Polishing Machines
- Pencil Grinder Machines
- Hand Belt Grinder Machines
A significant amount of time and labor is spent masking and unmasking components for coatings. To reduce the masking cycle and cost plus increase the amount of actual spraying time in the booth, AIM MRO has introduced a variety of custom, reusable masking products.

AIM MRO manufactures custom masks from rubber silicone, nylon and polyeurethane materials and can be used on thermal spray, shot peening, painting, vibratory polishing, grit blasting applications and coating including flame, arc wire, plasma spray and HVOF.

Molds and extrusions have been manufactured to protect seal teeth, vanes, casings, blades and many other components. AIM MRO already extensive tooling for molds and with your sample parts, rapid prototype or 3D drawing, new molds can be made.
BRAZE MEDIA

AIM MRO braze media is available in powder, paste, foil, wire, preform and tape products. Manufactured to customer requirements are available in nickel, cobalt, and hard-facing alloy systems. Both customer blended or standard material pastes are available with any blend or binder requirements in bulk packaging or cartridges. Tapes are available for repair or standard braze requirements.

All AIM MRO pastes used in vacuum joining leave little or no residue and will not contaminate your furnace environment. Pastes are available in 3.5 oz., 8 oz. and 20 oz. cartridges and bulk packaging, and is available with customised labelling. Applications include turbine engine blades, vanes and large sheet metal assemblies.

HONEYCOMB & BRAZE TAPES

AIM MRO’s Honeycomb and Braze Tape products bring streamlining of multiple operations at your facility, reduction in lead time and administration costs and an overall reduction in the cost of the total process.

- Reduced braze preparation times
- Dependable braze results
- Reduced risk of operator error

Honeycomb can be modified with tape inserted

Braze tapes from AIM MRO, LLC are formulated for excellent adhesion, even alloy distribution and uniform joint thickness in acrylic and water-based formulations. Our product combines controlled amounts of filler metals in a chemically neutral carrier and allows precise application of the alloy to specific areas and shapes of the repaired component.

The tape is available in a variety of thickness from .006” through .080”. Application includes: Honeycomb panels, sheet and tube assemblies, combustors and other large surface areas.
AIM MRO's Presintered Preforms technology can be used to repair cracks and worn surfaces for a large number of turbine engine components. AIM PSP products are a customized blend of braze materials and superalloy metals formed into custom-engineered shapes for specific applications. These shapes are used to “build up” a typical worn surface on a component so that it can be machined down to be within tolerance. By leveraging these preforms and following certain proprietary, approved welding and vacuum brazing processes, repair shops can reclaim thousands of repairable components and increase the speed and reduce the cost of the repair process significantly.
WELDING WIRES & RAW MATERIALS

AIM MRO maintains a complete line of nickel, cobalt, iron, silver, and titanium based weld wires manufactured to the latest AMS and OEM specifications. Weld wires are typically available on layer wound spools or cut to 18 in. 36 in.

To accompany these, AIM MRO supplies sheet, bar and plate to AMS and other specifications as well as repair materials such as coupons for weld repairs of turbine components. Please tell us your specifications - AMS, MSRR, OMat, LCS, P&W etc.

PART DETAILS & SPADS

AIM MRO can supply you with locally manufactured details and SPAD’s or “spare parts drawings,” manufactured detail parts necessary for turbine engine overhaul and repair processes. For all major engine lines, AIM MRO can quote and supply any quantity of details or SPADS manufactured from sheet, bar, plate, castings, or forgings.