



*PMG Aerospace Solutions is positioned
to meet all of your manufacturing needs.*

Over 80,000 square feet of manufacturing; 7 United States Locations.



PMG AEROSPACE SOLUTIONS

3 Federal Way, Groveland, MA 01834 • Tel: 508-863-3717 • Fax: 978-374-4856 • aero@potentiallc.net

A POTENTIA  MANUFACTURING GROUP COMPANY



PMG AEROSPACE SOLUTIONS

Manufacturing

- Seven locations with 80,000 square feet of manufacturing space
- 125+ highly trained associates
- 30+ years-experience in aerospace machining, stamping, wire EDM, finishing and assembly
- ITAR Registration M41013
- AS9100D / ISO9001:2015 with uniform quality system
- Solidworks, Mastercam, Surfcam and GIBBScam

Core Competencies

- Engineering consultations + design for manufacturability assistance
- Prototype through production
- Machining and assembly
- Additive manufacturing, 3D printing
- Print ballooning
- FAIR, PPaP, APQP, precise handling of customer-specific requirements/flow-downs
- 5 Why/Root cause Analysis
- Lean Manufacturing/Continuous Improvement

Facility Capabilities List

- Part/process programming
- Cutting
- Heat treating (NADCAP)
- Passivation (NADCAP)
- Plating (NADCAP)
- CNC Milling
 - 30+ machines
 - 3 – full 5 axis
- CNC Turning
 - 30+ machines
 - Up to 6-axis, dual spindle, live tooling
- Precision Stamping
- Grinding
- Honing
- Welding & Fabrication
- Lapping to .00001 flatness (1 HLB) and .00002 parallelism
- Marking
 - Laser, vibro-etch and ink
- Inspection/certification
 - CMM
 - Vision
 - Harness
 - Profilometer
 - Micro-Hite
 - Hit gauge
 - Gauge blocks
 - Optical comparator

Materials

- All machinable plastics
- Alloy 42 (Iron-Nickel)
- Aluminum
- Brass
- Bronze
- Carbide
- Castings
- Cast Irons
- Cobalt
- Copper
- CPM 10v
- Hastelloy
- Haynes 282
- Inconel
- Invar
- Kovar
- Nickel 7i7 anium (Ni7inol)
- Stainless Steel: 303, 304, 316 and more
- Steel
- Tantalum
- Titanium
- Ultem

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