



## Aerospace Solutions: Helicopters

Permag™ solves complex aerospace challenges by delivering high-performance magnetic assemblies that power critical systems like flight controls, landing gear, and engine starters. Our precision-engineered solutions enable reliable performance in compact, high-demand environments. From sensors to cooling systems, we help ensure safety, efficiency, and durability across the aircraft platform.



### Flight Control and Landing Gear Actuation Systems

- Electromechanical Actuation Systems
- Electric Brakes
- Sensors

### Environmental Systems

- Cabin Air Compressors
- Supplemental Cooling System
- Cargo Refrigeration System
- Oxygen and emergency equipment
- Other

### Generators - Engine Starter

- APU Starter
- Engine Starter

### Solutions

- Permanent magnet rotor assemblies
- Linear motors
- Magnetic sensors
- Magnetic couplings
- Precision magnetic components

### Magnetic Technology

- Rotors & Motors
- Sensors & Encoders
- Magnetic Couplings
- Compressor Housings
- Electromagnetics
- Microwave Circulators & Isolators
- Cooling Systems
- Stators





## About Us

Permag™ is a global leader in custom magnetic assemblies, advanced materials, and precision systems. Known for quality and innovation, we serve critical applications in highly regulated industries. Permag™ includes Dexter Magnetic Technologies, Electron Energy Corporation, and MCE Products.

## Capabilities

Our manufacturing can address a variety of requirements from discrete components to large scale assemblies, in every size ranging from micro to large.

## The Permag™ Formula

Our formula ensures that each component meets stringent quality standards, supporting reliability in even the most demanding applications.

### Advanced Magnetic Material Science

- Superior Performance
- Speciality Grades
- Advanced Applications
- Customization
- Composition Control



### Engineering & Design

- Design Support
- Magnetic Feasibility
- Process Optimization
- Design for Manufacturability
- Research & Development



### Machining & Manufacturing

- Slicing
- 3D Printing
- Core Drilling
- Plunge & Wire
- Form & Surface Grinding
- Precision CNC Machining



### Assembly & Test

- Full Traceability
- Custom Test Stations
- Vacuum Bake-out Ovens
- Specialty Designed Jigs
- Class 10,000 Clean Room



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