

precision ball screw & electromechanical actuation solutions provider

Beaver Aerospace & Defense Inc., a subsidiary of Phillips Service Industries, is a global leader in the design and manufacturing of unique and broad-range actuation technologies for the commercial and military aerospace and defense industries. Beaver's actuation components and systems are custom designed to fit your applications with superior performance, quality, and precision. We provide complete design and compliance systems engineering.

Design, manufacturing, testing and overhaul activities are performed in our SAE AS9100-registered facilities in Livonia, Michigan USA. Our worldwide sales force of technically-trained representatives provide customers with a source for immediate service and technical assistance. Our people, our tools, and our investments in technology make us the world's premier provider of precision ball screws and actuators.



Certifications/Programs

ISO 9001:2008 • AS9100 C
Nadcap Certified for NonDestructive Testing
EASA Part #145.4246
FAA Repair Station #M15R042N for
Ball Screws and Actuators
FAA Part 21.303 Approved PMA-Parts
Manufacturing Authority

Defense and Commercial Applications

Air Frame, Sea and Ground Vehicles • Flight Control
Landing Gear • Door and Utility • Servo • And More

Actuator Product Types

Linear • Rotary
Smart/Semi-Smart Complete Systems Integration

Customer Awards

Boeing Gold Performance Excellence Award 2010
Northrop Grumman Awards:
2007 Socioeconomic Business Program Award
Mission Systems Supplier of the Year 2005 and 2007

Capabilities

Linear & Rotary Electromechanical Actuation
Systems and Components
Complete Ball Screw Design and Manufacturing Capability
High/Medium/Low Volume Production
Aerospace-Part 23/25/Military
FEA Capability
1308 System Level HIRF Requirements
DO 160/MIL 810/DO 254/DO 178
Qualification Experience
Military Ground
MIL-STD 461
AC 20-158
Vertically Integrated in-house capabilities for:
Ball screws • Gears • Machining
Controls and Printed Circuit Board Design Capability
Motor/Brake Design Capability • Compliance Testing

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