



elliott manufacturing®

# Aerospace

Products used in the aerospace industry must meet stringent standards. That's why Elliott's superior quality requirements, with inspections at multiple stages of the manufacturing process, ensure these critical components meet top specifications.

**Elliott offers a number of advantages for the aerospace industry:**

#### **Unique capabilities**

- ◊ Extensive engineering: Concept, design and development [life, performance and validation testing]
- ◊ Broad range of materials, core constructions and sizes
- ◊ Ability to design and produce complex parts, including unique interface designs

#### **Knowledge and experience**

- ◊ More than 75 years of experience in the aerospace industry
- ◊ Established performance and reliability
- ◊ Leader in innovative, technological advancements to optimize efficient performance, including materials, methods, coatings, lubricants, tribology and interfaces

#### **Quick-to-market solutions**

- ◊ In-house capabilities compress design-to-manufacture timeline
- ◊ Vertically integrated, including proprietary core winding equipment, advanced casing manufacturing processes and sophisticated machining capabilities

#### **Quality performance and on-time delivery**

- ◊ Quality ensured by complying with inspection plans and methods, and a customer-approved acceptance test procedures
- ◊ Industry certified [ISO, DEFAR, BAA, ITAR, AS9100 and CAGE codes]



[elliottmfg.com](http://elliottmfg.com)

Flexible shafts transmit rotary motion much like a solid shaft, but can be routed over, under and around obstacles where a solid shaft cannot be used. Ideal for use in an aircraft, Elliott flexible shafts have a unique, robust design that addresses the special conditions in an aircraft, like extreme temperature ranges, chemicals, moisture, intense torque load and continuous operation at high speeds.

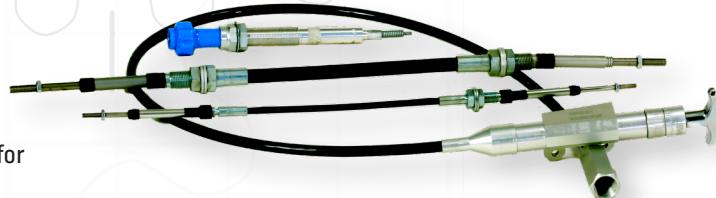
Elliott's precision-engineered flexible shaft systems and components are used in private and commercial planes, military planes, helicopters and ground support systems. Specific applications include:

- **Canopy actuation**
- **Cargo door bay actuation**
- **Cockpit pedal adjustment cables**
- **Flap and slat actuation**
- **Ignition leads**
- **Passenger door drives**
- **Seat adjustment drive cables**
- **Thrust reverser actuation**



**Solve complex drive problems easily with Elliott flexible shafts.** Our flexible shafts can overcome problems of misalignment, absorb and isolate vibration, and significantly simplify your transmission application requirements. Elliott can support a wide variety of custom interfaces.

For your linear controls, consider Elliott for its vast capabilities to design, manufacture, assemble and qualify custom push-pull controls, cable assemblies and lanyards. Elliott can support a wide variety of custom interfaces, sizes, end fittings and casings for your application needs.



Elliott Manufacturing is part of the CentroMotion organization, a privately held, growing portfolio of highly respected global brands that add value through innovative motion, actuation and control technologies. Our skilled subject matter experts develop solutions that enable our global customers' products to be smarter, safer and more productive, while also creating value for our investors

**Contact us or scan the QR code to learn more.**

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