

Co-Operative Industries Aerospace & Defense (CIA&D) is a customer oriented team that offers extensive experience in wiring harness solutions. From our AS9100 registered facility we develop and manufacture electrical wiring harnesses, cables, ignition leads and flexible metal conduit assemblies for the aerospace market. In addition, CIA&D's on-site FAA, EASA and CAAC Certified Repair Station supports airlines with accessory check & test, repair, and overhaul services.

The Co-Operative Industries Aerospace Advantage

Wiring Interconnect and Ignition Lead Products

It's about customer relationships. CIA&D believes in developing solid customer relationships in an effort to satisfy customer requirements. This commitment results in a manufacturing approach that delivers affordable, quality products. Our facility has been expanded and optimized for the production of engine, airframe, landing gear, ground, and aircraft systems wiring harnesses. We support a diversified customer base consisting of both commercial and military aerospace.



Commercial Programs:

- Boeing Test Equipment Harnesses, Flexible Conduits, Fluid Transfer Products, and Control Panel Boxes
- CF6-80 PMC Harnesses
- DC-9 Landing Gear Harnesses
- Bell 407 Camera System Harnesses
- Computerized Wiring Harness Testers

Military Harness Programs:

- F-35 Wing and Fuselage
- F-22 Airframe Harnesses
- F-16 Communication & Assemblies
- UAV Wing & Avionic
- Combat Systems
- Surface-to-Air Defense Systems
- P-3 and P-8 Surveillance Radar
- C130's T-56 Engine & QEC



FAA, EASA and CAAC Certified Repair Station

Our Certified Repair Station currently supports the needs of numerous major airlines and OEMs. Services include:

- Check and Test
- Repair and Overhaul
- Customized Repairs
- Service Bulletin Incorporation

Certified for:

- PW4000 QEC Harnesses
- GE90 and CF6 Engine Harnesses
- CFM56-5A/-5B/-5C and CFM56-7B Engine Harnesses
- Contact us for a complete capability listing



Engineering Support

Our on-site Engineering capabilities allow us to support our customer's manufacturing needs. We can assist in developing solutions for their specific applications.

We offer:

- SolidWorks 2007 & AutoCAD 2011 Stations
- 60 inch Color Plotter (1:1 Scale Form Boards)
- Capacity for long run, large volume production
- In-House Braiding and Conduit Manufacture

Flexible Metal Convuluted Conduit

The Duraflex® and Megaflex® products offer a wide range of conduit options for use in the industrial and aerospace fields. Common applications include electrical wiring, landing gear, ignition leads and use on industrial gas turbine engines. Advantages include:

- In-House Manufacture of Flexible Metal Convuluted Conduit
- In-House Braiding (Metal, Nomex®, PEEK™, Kevlar® and others)
- Abrasion Resistance
- Chemical Resistance
- Non-Spark Promoting
- EMI/RFI Shielding



Contact Us

For details and additional information on the advantages CIA&D can offer you, contact:

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