First Article Inspection (FAI) Capabilities

9,000+
Employees

100+
Clients

1958
Established

850+
Manufacturing &
Supply Chain Resources

60+
Locations Worldwide

100+
Manufacturing Plants
with Onsite Support

Belcan, LLC is a global supplier of engineering, supply chain, technical recruiting, and IT services to customers in the aerospace, defense, automotive, industrial, and government sectors. Belcan engineers better outcomes for customers—from jet engines, airframe, and avionics to heavy vehicles, automobiles, and cybersecurity, Belcan takes a partnering approach to provide solutions that are adaptable, integrated, and value added. Belcan has been earning the trust of our customers for 60 years and counting.

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Belcan Value Proposition

Expertise – 850+ manufacturing and supply experts on staff ready to support FAI and beyond (e.g., PPAP, RCCA, Source Inspection, etc.)

Agility / Speed – FAI resource scale (10+ existing FAI clients) and a global delivery capability enables efficient and timely ramping up and down of capacity

Cost – Reduced cost through resource mix optimization (e.g, review/data entry from Hyderabad) and process efficiency (e.g., digitalization)

Tools – Experience with a variety of FAI-related tools, including Net-Inspect, Discus, InspectionXpert, Microsoft Office

Flexible Commercial Models – Flexible commercial models (time & material, fixed price) to better meet our client's needs

Capabilites

Review of FAIR (e.g. "Buy" Parts)

This task entails receiving the FAIR from the supplier and ensuring:

- Compliance with AS9102 requirements
- Each design characteristic is accounted for, uniquely identified, and that inspection results are traceable (Form 3 of AS9102)
- Manufacturing process documents, route travelers, quality plans, work instructions, etc are documented
- Referenced documents, inspection and test data, acceptance test procedures, material certifications, etc. are included
- Any non-conformance raised during production is noted
- Sources of special process are approved
- Gauges and tooling are qualified and traceable as necessary
- Data is entered into necessary systems (e.g,. Net-Inspect)
- Supplier training on developing an FAIR

Development of FAIR (e.g. "Make" Parts)

Belcan has created hundreds of FAIRs for many international aerospace companies, which can include any or all of the following:

- Create balloon drawings
- Set up forms per AS9102
- Create the FAI packet (documentation)
- Inspect subject part
- Collect inspection data
- Provide quality resolution to issues raised in the FAI
- Sign off FAI
- Data entry into necessary systems (e.g,. Net-Inspect)
- FAIR development training

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