

Application engineered kits

# STREAMLINE YOUR AVIONICS UPGRADE

The right combination  
of products and services



**Collins Aerospace**

# HARNESSING AND APPLICATION ENGINEERED KITS

From individual kit components to full build-to-print capabilities, Collins Aerospace offers experience, expertise and customizability to best support your harnessing and installation kit programs. Our vast experience with electrical and mechanical assemblies and two production facilities specializing in harnessing and kit programs enable us to pull in the right combination of products and services to meet your needs – big or small. We even offer application engineering to improve manufacturability, packaging and installation.

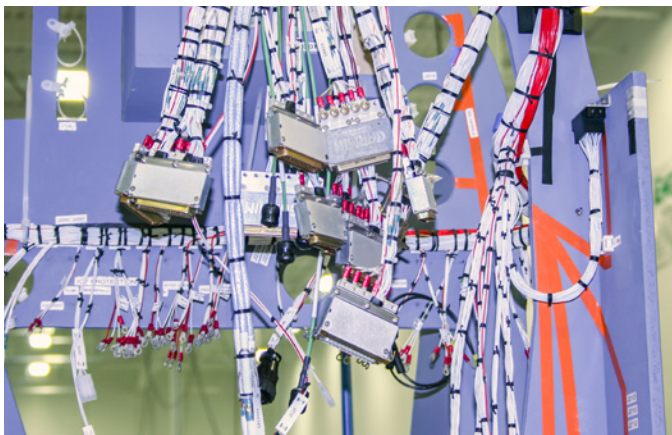


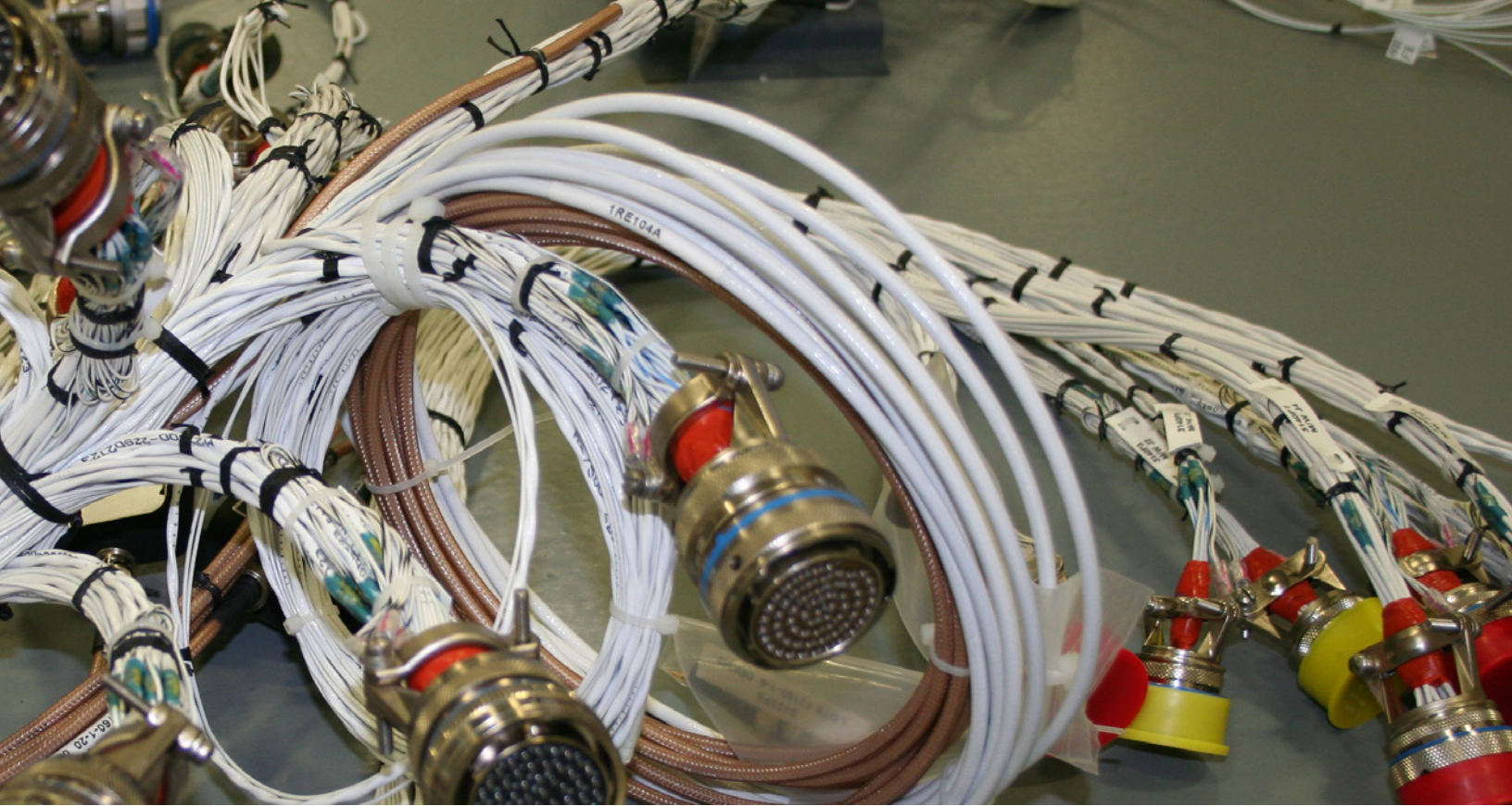
## KIT COMPONENTS

- Laser-marked wire harnesses
- Radio frequency coaxial cables and connectors
- DVI, Ethernet, databus, composite and specialty assemblies
- ARINC 404/600 equipment trays
- Specialty trays and racking systems
- Tray accessories: hold-downs, guide pins, mounting rails, metering plates, low speed warning detectors and fans
- Machining, fabrication and sheet metal forming
- Instrument panels and integrated assemblies
- Integrated tray, pallet and shelf wiring

## WIRE HARNESSES

- Laser marking
- Custom builds
- Build-to-print + (value add)
- Standard harness materials in stock to support quick turn programs
- Application engineering in production teams
- High mix – low volume
- One piece flow-quick setup cells
- Forward fit/production volume facility





### ELECTROMECHANICAL ASSEMBLIES

- Edgelit cockpit panels
- Junction boxes
- Shelf assemblies
- Circuit breaker/switch panels
- Power supplies/boxes
- Test boxes
- Custom electrical assemblies



- Harness integration with 3D mock-ups
- Custom kitting, packaging, label and installation documents
- Alternate parts evaluation
- Product substantiation
- Automated Cirris testing
- 24-hour aircraft on ground (AOG) support
- Full first article inspections
- 100-percent traceability
- STC development and certification
- MILSPEC, Defense Federal Acquisition Regulation Supplement (DFARS), FAR, PMA, FAA and OEM approvals
- DPAS experience/processes
- ITAR registered facility

### VALUE-ADDED SERVICES

- Full product design capabilities
- Fabrication drawing review and development



To learn more, go to

[collinsaerospace.com/WiredSystemsIntegration](https://collinsaerospace.com/WiredSystemsIntegration)

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