

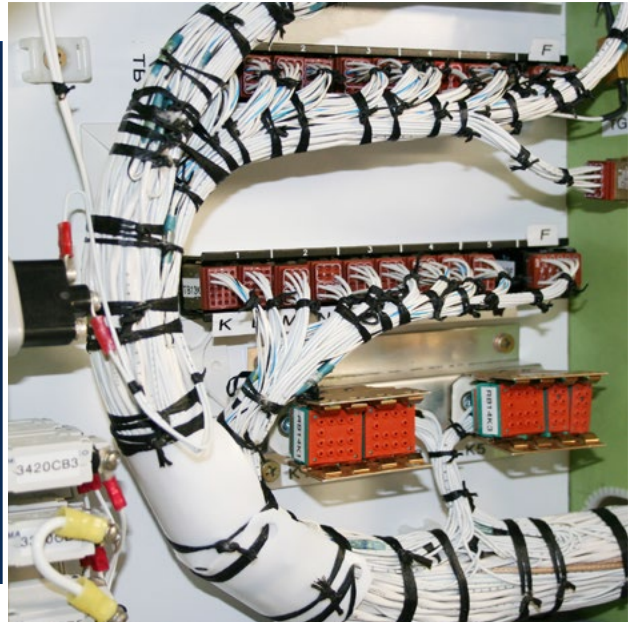
INSTALLATION / A-KITS

Lighting &
Integrated Systems



EXPERIENCE THAT LEADS TO SEAMLESS AVIONICS SUPPORT

B/E Aerospace provides turnkey solutions and long-term program support with Installation/A-kits, MIL-STD and FAA level certified products. Our complete integrated aircraft and avionics systems offerings are designed to improve efficiencies and enhance system performance. Our unmatched ability and willingness to collaborate with customers offer time-and-space-saving solutions for successful system installations.



AIRCRAFT INSTALLATION PROGRAM SUPPORT KITS

We provide project management throughout the design process. Our manufacturing process allows you to streamline your supply chain.

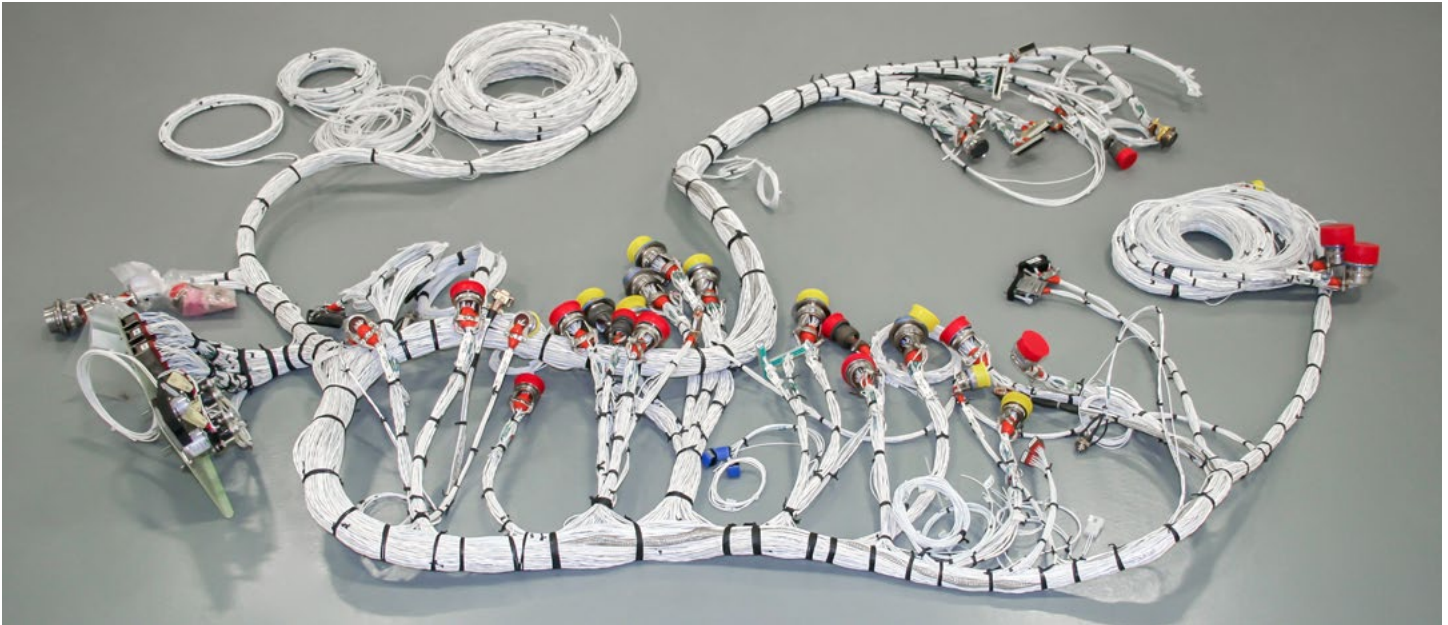
- Obtain all electrical and mechanical components from one vendor
- Complete integration capabilities - from start to finish
- Unsurpassed technical expertise
- Approved vendor for numerous OEMs and System Integrators
- Significant aircraft experience



INTEGRATED KITS & WIRE HARNESSING

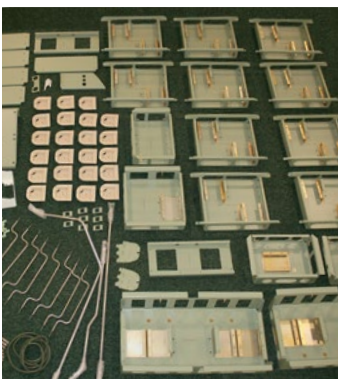
- Laser marked wire harnesses (Single ended or fully integrated)
- Integrated tray, control box, light panels, pallet and honeycomb shelves
- Custom kitting to meet installation needs
- Composite, Ethernet, Databus, fiber optic and specialty cable assemblies
- Custom metal fabrication including: doublers, brackets, plates, instrument panels, and 3D mock-ups
- Cirrus testing
- Custom layouts and harness jigs





RF COAX, & SPECIALTY CABLES

- 50 and 75 ohm, aircraft grade polytetrafluoroethylene (PTFE), polyethylene (PE), or fluorinated ethylene propylene (FEP)
- Resistant to skydrol and hydraulic fluids
- MIL-spec, FAR, DO-160, RTCA, FAA and OEM approvals
- Testing up to 20 GHz for attenuation, phase angle, VSWR, time delay
- Ethernet, Databus, multi-conductor cables
- Fully tested and certified assemblies
- Hi-definition and digital video



EQUIPMENT TRAYS & METAL FABRICATION

- ARINC 404/600, military styles and custom designs
- Box and control panel design and assembly
- ARINC trays qualified to RTCA DO-160G for vibration, shock and crash safety
- Military trays qualified to MIL-STD-810, methods 514.5 and 516.5
- Ruggedized mounting tray designs
- Individual component sales, guide pins, holddowns

OTHER SYSTEM EXPERIENCE

B/E Aerospace has extensive experience with both military and commercial aircraft, and offers turnkey solutions for many avionic systems.

COMMUNICATION

Iridium/Inmarsat SATCOM; ACARS/VDL2;
CPDLC; HF Data Link

NAVIGATION

RNP/RNAV; FM Immunity; FMS; GPS; EFB

SURVEILLANCE

ADS-B; MODE S/IFF; ELS/EHS

OTHER

ELT; WXR; EFIS/MFD; FDR/CVR; Electronic
Propeller Control; HUD/EVS; EFB; SIL; IFE/
Cabin Connectivity; TCAS; EGPWS/TAWS; RAAS;
DFDAU/FDAMS



VALUE-ADD

- Fabrication drawing review & development
- Harness integration with mock-ups
- Custom kitting, packaging, labeling, & installation documents
- Alternate parts evaluation
- Product substantiation
- Cirris testing
- 24 hour AOG support
- Full FAIs
- 100% traceability
- MIL-Spec, FAR, DFAR, PMA, FAA and OEM Approvals
- DPAS experience
- DDTC/ITAR registered



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