Electrical Wiring Interconnect System (EWIS) and FAA Requirements
Instructors: C. Bruce Stephens, Franklin L. Cummins (This course may be taught by one or both instructors.)

SEATTLE, WASHINGTON
April 11–15, 2016
Monday–Thursday,
8:00 a.m.–4:00 p.m. and
Friday, 8:00 a.m.–11:30 a.m.
Course Number AA161360

CEUS
31.5 classroom hours
3.15 CEUs

COST $2,495
Includes instruction,
course materials,
refreshments and lunches.

EARN A CERTIFICATE
This course is part of the Certificate of Specialization in Aerospace Compliance, Certificate of Specialization in Aircraft Maintenance and Safety and Certificate of Specialization in Avionics and Avionic Components.

Description
This course will discuss the FAA Code of Federal Regulations (CFRs) and design concepts required to ensure all aspects of aircraft electrical wiring and installation are safe. It will examine aircraft wiring as a system and review all Part 25 CFRs related to EWIS FAA Certification. A review of FAA Advisory Circulars and practical applications of the information will be conducted as teams will be selected to simulate the EWIS certification process. EWIS requirements for aircraft maintenance and inspection will also be discussed.

Highlights
• EWIS best practices
• Team EWIS workshops
• DER/UM EWIS requirements
• EWIS examples and practical applications
• Review of advisory circulars

Who should attend?
The course is designed for all aircraft design areas including electrical, avionics, and HIRF/lightning engineers and aircraft technicians. Aircraft managers and project engineers working in electrical/avionics related areas should also attend.

“Trying to learn the intent of the requirements is tough in itself. The instructors know how to bring it home and help you understand how it applies to your job.”
—Jimmy Cornejo, Seat Electrical Lead Engineer, The Boeing Company