Introduction to Electromagnetic Effects (EME)  NEW  (course debuts June 2016)
Instructors: C. Bruce Stephens, Darren L. Stout (This course may be taught one or both instructors.)

DESCRIPTION
This course will provide participants with an understanding of electromagnetic effects related to aircraft engineering requirements, FAA certification requirements, testing requirements for both DO-160 bench testing and aircraft level testing related to EMC/P-Static/ESD/TPED's/HIRF/EWIS and lightning.

HIGHLIGHTS
• EME best practices
• Team EME compliance workshops
• DER/UM EME requirements
• EME examples and practical applications
• Review of the Advisory Circulars related to EME.
• Daily real examples of problems and solutions related to EME certification

WHO SHOULD ATTEND?
The course is intended for all aircraft design areas including certification engineers and managers, electrical, avionics, HIRF & lightning engineers, DO-160 laboratory and aircraft technicians. Aircraft managers, project engineers, and all other system engineers working in electrical/avionics/HIRF/lightning/EWIS-related areas should also attend.