FAA Certification Procedures and Airworthiness Requirements as Applied to Military Procurement of Commercial Derivative Aircraft/Systems

Instructors: Gilbert L. Thompson, Robert D. Adamson (This course may be taught by one or both instructors.)

OVERLAND PARK, KANSAS
June 7–9, 2016
Tuesday–Thursday,
8:00 a.m.–4:00 p.m.
Course Number AA161450

ORLANDO, FLORIDA
November 15–17, 2016
Tuesday–Thursday,
8:00 a.m.–4:00 p.m.
Course Number AA171320

CEUS
21 classroom hours
2.1 CEUs

COST $1,895
Includes instruction, course materials, refreshments and lunches.

EARN A CERTIFICATE
This course is part of the Certificate of Specialization in Aerospace Compliance.

Description
This course provides an overview of FAA functions and requirements applicable to Type Design Approval, Production Approval, Airworthiness Approval and Continued Airworthiness associated with military procured commercial derivative aircraft and products. The course will focus on the unique military needs in procurement (customer versus contractor) of products meeting civil airworthiness requirements which are aligned with military-specific mission/airworthiness goals. Prior certification experience is beneficial, but not required.

Highlights
- Overview of FAA Aircraft Certification (AIR) and Flight Standards (AFS) service organizations
- Applicability of FAA advisory circulars, notices and orders
- Parts Manufacturer Approval (PMA) process
- FAA “baseline” and “Program Specific Service Agreement” (PSSA) services following Title 14, Code of Federal Regulations (CFRs), Parts 1, 11, 21
- Eligibility of Department of Defense contractor installations and modification centers as FAA Part 145 Repair Stations
- Part 39 Airworthiness Directives
- Flight Standards Aircraft Evaluation Group’s (AEG) role in aircraft certification
- Type Certification (TC) and Supplemental Type Certification (STC) process (FAA Handbook 8110.4)
- Project Specific Certification Plan (PSCP) principles in the RFP process
- FAA Form 337/Field Approval process
- Role of FAA Military Certification Office (MCO) as defined in FAA Order 8110.101
- Federal Reimbursable Agreement AVS-OA-ACE-12-3035 between DOT/FAA and armed services of the United States
- USAF Policy Directive 62-6, NAV AIR Instruction 13100.15, Army Regulation 70-62, application of Mil-HDBK-516C, TACC/MACC

Who should attend?
This course is designed and focused specifically for U.S. Department of Defense (DoD), Department of Homeland Security, U.S. Coast Guard and non-U.S. military procurement and airworthiness personnel, and associated military/supplier engineers, consultants and project directors involved in procurement of commercial derivative aircraft (CDA) or equipment developed for use on CDA.

“Extremely relevant to my current role and career. Bob Adamson’s in-depth knowledge and high experience in the subject area made it a very enjoyable course.”
—Benjamin Graham, Systems Engineer—Aviation Certification, Royal Australian Air Force