



### AIRCRAFT CERTIFICATION SERVICE

### FAA21045: Software Job Functions

#### PURPOSE

This course describes FAA's role in the software approval process, applicable policy, guidance, and job aids used to find compliance for airborne software.

#### TARGET AUDIENCE

The target audience for this training includes

- FAA Aerospace engineers, who are involved in the review of airborne software
- DERs who are involved in the review of airborne software
- HQ/Directorate staff who are involved in the review of airborne software
- International certification authorities

#### COURSE OUTCOMES

Participants will learn about:

- RTCA DO-178B, FAA's guidance for determining software compliance
- The Aircraft Certification Software Job Aids for conducting the software development process
- Other special engineering topics used to substantiate software.

#### PREREQUISITES

Attendees have taken FAA21030: Software Fundamentals (or have an equivalent degree in computer science or software engineering)

#### DELIVERY METHOD

This course is delivered as instructor-led training.

#### ENROLLMENT INFO

- FAA Employees:  
Contact your Division or Directorate ATM.
- Non-FAA Employees:  
Contact the Software Course Manager, Gerald Pilj, at (405) 954-0570 for enrollment and tuition cost information.
- Attendees requiring disability accommodations:  
Contact the Software Course Manager, Gerald Pilj, at (405) 954-0570

#### LOCATION & DATES

- FAA Academy, Oklahoma City, Oklahoma
- August 9 – 20, 2010