



Aerospace Control and Guidance Systems Committee Short Course *Civil Aircraft Certification*

Date: 28 March 2017

Time: 9:00 AM - 4:00 PM
(with a 1-hour lunch break)

Location: Holiday Inn Fairborn
2800 Presidential Dr.
Fairborn, OH 45324

Cost: \$300
(includes course materials, morning beverages and a box lunch)

How to Register: Go to www.acgsc.org where there are links for the Meeting 119 and the Short Course registrations
(If you have trouble registering or for any questions please email secretary@acgsc.org)

Registration Deadline: March 6, 2017

Lecturer: Dr. Richard Newman
FAA (Ret)

Course Synopsis:

ACGSC will present a one-day class on Airworthiness Regulations, Policies, and Procedures for obtaining an airworthiness approval. Topics will include:

- Airworthiness
- Development of airworthiness standards
- Comparison of requirements (US and Foreign)
- Airworthiness approvals
- Types of approvals
- Outline of approval process
- Use of designees (DERs)
- Application to military COTS approvals
- Possible application to UAV approvals

Speaker Background:

Dr. Richard L. (Dick) Newman is an engineer and test pilot with over 40 years of experience in the development, testing, and certification of aircraft systems. He is currently studying transport airplane mishaps and unmanned aircraft mishaps under a NASA Contract. He is also an FAA Designated Engineering Representative covering the approval of aircraft systems, controls, and displays. After retiring from the FAA's Aircraft Certification Service in 2009, he spent three years with the Human Performance Department of the Naval Air Systems Command at Patuxent River, Maryland. His assignment with NavAir was to develop a protocol for approving military aircraft and UAVs for flight in the National Airspace System (NAS).

