

Avionics Certification

A Global Overview

Date: March 4-6, 2014 • **Venue:** C/ Velázquez, 64-66 2ª pl. E-28001 Madrid • **Tel:** (+34) 946.430.850

Times*	Day 1 (March 4 th)
08:30	Welcome and Introduction
09:00	Global overview of the Certification process at aircraft level
10:00	Quick look at ARP4754A - System-level System development
11:00	Coffee Break
11:30	Safety Assessment (ARP 4761) Focus on System FHA and DAL determination
13:00	OPENCROSS Project
13:30	Lunch
15:00	Overview and History
15:45	Criticality levels and Safety
16:45	DO-178/DO-254 Basic Principals
17:45	Quiz 1
18:00	Finish

Times*	Day 2 (March 5 th)
09:00	PSAC/PHAC Details
09:45	CM and QA Details
10:30	Development and Verification
11:15	Coffee Break
11:45	System and Requirements
12:15	Software Desin and Implementation
12:45	Hardware Design and Implementation
13:15	Lunch
15:00	Testing Tools, Stategies and Techniques
15:45	Traceability
16:45	Quiz 2
17:00	Organizational Issues
18:00	Finish

Times*	Day 3 (March 6 th)
09:00	DO-254 Additional Details
10:00	Special Topics: Hardware Verification
11:00	Coffee Break
11:30	Special Topics: OO and C++
12:30	Tool Qualification
13:00	DO-178C: What's New
13:30	Wrap-up Q&A
14:00	Optional Q&A - Workshop and Tool Demonstration
15:00	Finish

*times may vary



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