

Best practices to optimize your DO-178C certification path

March 20th and 21st

Konaka Defence and **ConsuNova** are pleased to invite you to this 2-day training in Ankara. You will learn the most updated practices to implement DO-178C in a more efficient way.



KONAKA Defence provides solutions and components in the areas of real time test, hardware in the loop and avionics simulation. Their services include embedded safety critical software testing and validation according to DO-178C.



ConsuNova is a leading global provider of certification, compliance engineering services and solutions for safety-critical systems to the aerospace and defense industries (<https://www.consunova.com>). ConsuNova provides fast, optimized and cost-effective solutions for ARP 4761, ARP 4754A, DO-200A, DO-254, DO-178C compliance.



INSTRUCTOR: REZA MADJIDI

Mr. Madjidi is the President of ConsuNova Inc. He is an active FAA Systems and Equipment DER (Software) and a subject matter expert in practical teaching of DO-178c and compliance streamlining.

With more than 20 years of embedded avionics experience, including the development of many critical embedded avionics and safety-critical systems, he's considered a leading expert on avionics certification, working with more than the 30 of the world's 50 largest aerospace companies.

Course Details

Location and Date:

- Crowne Plaza Hotel, Ankara
- 20 – 21 March

Audience

- Software Engineers, Systems Engineers, Test Engineers, Quality Assurance Personnel, Managers

Prerequisites

- Technical degree not required: suitable for non-technical managers.
- Basic understanding of software or hardware development.

Objectives

- Learn the real intent of DO-178C and associated industry best practices for efficiency.
- Learn the process of developing DO-178 compliant requirements, design, implementation, and verification.
- Learn industry best practices along with how to efficiently deploy and execute them for DO-178C compliance.
- Learn the most common DO-178C mistakes and how to avoid them.
- Learn to assess DO-178C gaps in your organization, along with DO-178C cost estimation.

Course Outline

- DO-178 Introduction & Needs - DO-178C Principles
- ARP 4761 Safety Assessments
- ARP 4754 Systems Engineering & Relationship to DO-178C
- Document Hierarchy & Criticality Levels
- Explained DO-178C Certification Plans (PSAC, SCMP, SVP, SDP, SQAP)
- System & Requirements Details
- DO-178C Design Aspects
- DO-178C Implementation, Coding and Reviews
- DO-178C Verification & Overview and Objectives
- DO-178C Traceability Objectives & Tools/Methods
- DO-178C Verification Best Practices
- Successful DO-178C Compliance Audits

- Software Tool Qualification

Attendees Will Receive

1. FREE PSAC or PHAC Template
2. FREE PSAC or PHAC Checklist
3. FREE access to [adviceGEAR](#) (ConsuNova's Library of [Whitepapers](#) and selected hard-to-find industry publications)

Price

- 1200 USD + VAT Per Person
- Please request for proposal if you will attend as group
- Contact: info@konaka.com.tr

What people who attended this course said:

- "Consunova provided us with very valuable knowledge and insights required for the success of our program"
 - "Excellent course, great tempo and content"
 - "Spiced up with relevant examples"
 - "The best DO-178 training I have experienced"
 - "This course was presented in an extremely lively and inspiring way"
 - "The depth of the instructor's knowledge was impressive"
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