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An overview of RTCA
/ DO-178B and
DO-254 with Practical
Examples **Achieving**
and Proving DO
178C Compliance An
~~Overview of~~
~~DO 178C/ED 12C~~
~~Understanding \u0026~~
~~Applying the new~~
~~mandatory~~

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~~ARP4754A \u0026~~
~~ARP4761A – 1 Hour~~
~~Training from AFuzion~~
Theory and
application of testing
your software
according to
DO-178C DO-178B
An introduction Multi
Core Processing
~~CAST 32A and DO~~
~~178C One Hour~~
~~AFuzion Technical~~
Webinar

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Embedded Software
Testing 18-642

*Developing Safety-
Critical Software: A
Practical Guide for
Aviation Software and
DO-178C Compli...*

DO-178B/DO-178C
Overview - Excerpt
from Software
Development For
Safety-Critical

Webinar Improving
Aviation Development

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~~\u0026 Cert Efficiency~~
~~per ARP4754A,~~
~~DO-178C, and~~
~~DO-254 Top 10 Job~~
~~Interview Questions~~
~~\u0026 Answers (for~~
~~1st \u0026 2nd~~
~~Interviews)~~ System
Engineering
Requirements -
Aircraft System
Development Process
- EASA Rotorcraft
~~\u0026 VTOL 2019~~

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Software

Development

Lifecycle in 9 minutes!

~~Equivalent Partition in~~

~~Software Testing |~~

~~Boundary Value~~

~~Analysis in testing~~

~~with example DO-160~~

Lightning Strike

Testing

RTCA/DO-160

Radiated Emissions

Overview

RTCA/DO-160

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Radiated

Susceptibility

Overview **Model**

**Based Design for
DO 178C Software
Development with
MathWorks Tools**

RTCA/DO-160

Conducted

Susceptibility

Overview ~~Introduction
to Webscale~~

~~Application Load~~

~~Testing Service~~

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Afuzion Certification Gap Analysis Video for DO-178C, DO-254, ARP4754A

DO-178C

62009828001

3837702055001 NA

2013 03 31 MBD DO

178C part08 DO

178C Gaps

-Understanding

\u0026 Closing -

Technical Training

Webinar May 2018

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AFuzion 2018

~~DO-200B~~

~~Aeronautical Data~~

~~1-Hr Tutorial from~~

~~AFuzion (Excerpt~~

~~from AFuzion's 2-Day~~

~~DO200B Training)~~

DO-178C Software

Workflow with

Qualified Code

Generation FormaliSE

2019: The Benefits of

(having doubts about)

*Formal Methods **User***

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Interface Design Guidance for RTCA DO 160 Rtca Do 178c

DO-178C, Software
Considerations in
Airborne Systems and
Equipment

Certification is the
primary document by
which the certification
authorities such as
FAA, EASA and
Transport Canada

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approve all commercial software-based aerospace systems. The document is published by RTCA, Incorporated, in a joint effort with EUROCAE, and replaces DO-178B.

DO-178C - Wikipedia
RTCA DO-333 was developed to resolve

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uncertainties about using formal methods to partially satisfy verification objectives defined in RTCA DO-178C.

Participants will learn how formal methods can be selectively applied in the software life cycle to produce certification data in compliance with RTCA DO 178C.

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DO-333, Formal Methods: DO-178C Supplement - RTCA

MITRE and RTCA are using their collective experience and expertise to provide training on the new standards and recommended practices contained in the new DO-178C, Software

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Considerations in
Airborne Systems and
Equipment
Certification.

DO-178C Training - RTCA

Course Overview
Responding to the
needs of the aviation
community for
additional training on
the techniques
needed to comply

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with DO-178C,
Software
Considerations in
Airborne Systems and
Equipment
Certification, RTCA
hosts a one-day
course on
Supplements. The
course provides the
background and
scope on the four
documents supporting
DO-178C:

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Supplements to DO-178C Training - RTCA

RTCA offers training courses on documents to facilitate the use of key documents by our stakeholders, and to enhance the understanding of developing and using global standards and

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guidance. Although DO-178 was published in 1982, and DO-178C was published in 2012, its relevance still spans to today. Click

**RTCA's DO-178C
Featured in Avionics
Magazine - RTCA
RTCA & FAA.**

Founded in 1935 to
be the voice of the

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aviation industry, RTCA is chartered by the FAA to operate federal advisory committees, and serves as the premier venue for developing consensus among diverse, competing interests, producing performance standards, policy and operational recommendations that

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are used by the government as the basis for regulations, as well as priorities for ...

DO-178C Training | RTCA

RTCA DO-178C and DO-254 Documents
The RTCA publishes and sells DO-178C (for airborne software development) and

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DO-254 (for airborne hardware development). You can purchase both of these essential documents here: www.rtca.org.

**RTCA DO-178C and
DO-254 Related
Documents -
PATMOS ...
RTCA DO-178
November 18, 1981**

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Software

Considerations in
Airborne Systems and
Equipment

Certification This
document is for use
by air transport and
general aviation
equipment and
systems developers,
installers and end
users.

RTCA DO-178 -

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Software

Considerations in Airborne Systems ...

RTCA is a private, not-for-profit association founded in 1935 as the Radio Technical Commission for Aeronautics, now referred to simply as "RTCA". % About us. About us; History; Governance; Staff; Awards; Annual

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Reports; Training.
Training; DO-160G
Training; DO-178C
Training;
Airworthiness Security
Certification Course;
Supplements to
DO-178C Training;
DO-254 Training;
Guidance For ...

**RTCA | Safer Skies
Through
Collaboration**

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DO-178B, Software Considerations in Airborne Systems and Equipment

Certification is a guideline dealing with the safety of safety-critical software used in certain airborne systems. Although technically a guideline, it was a de facto standard for developing avionics

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software systems until it was replaced in 2012 by DO-178C.

DO-178B - Wikipedia

DO-248C, Supporting Information for DO-178C and DO-278A, published by RTCA, Incorporated, is a collection of Frequently Asked Questions and

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Discussion Papers
addressing
applications of
DO-178C and
DO-278A in the safety
assurance of software
for aircraft and
software for CNS /
ATM systems,
respectively.

DO-248 - Wikipedia

What is DO-178C?

RTCA DO-178C /

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EUROCAE ED-12C is an update to the DO-178B/ED-12B standard that governs the certification of software for airborne systems in commercial aircraft.

Software Tool
Qualification

Considerations
(RTCA DO-330 /
EUROCAE ED-215)

“Overriding

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supplements” for
specialized
development methods

What is DO-178C? - AdaCore

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Agreement, FAQ,
Ordering Procedure,
List of Available
Documents and Order
Form. Showing 1 - 10
of 14 products for
your search of
DO-178C. DO-178C -
Electronic Retail
Price: \$250.00.
Member Price: \$0.00.
Details. DO-178C -
Hard Copy ...

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Store - Community Hub

The FAA published AC20-115C on July 19, 2013. In this Advisory Circular (AC), the FAA recognizes RTCA DO-178C, three associated technical supplements and the 'Software Tool Qualification Considerations'

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document. The actual documents that are the subject of this AC are the following RTCA documents:

FAA Recognizes RTCA DO-178C - Critical Systems Labs

The RTCA has recently released DO-178C and DO-278A as new

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certification guidance for the production of airborne and ground-based air traffic management software, respectively. Additionally, RTCA special committee SC-205 has also produced, at the same time, five

**Certification of
Safety-Critical**

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Software Under DO-178C ...

RTCA/DO-178C was scheduled for publication (at one point) at the end of 2009. RTCA/SC-167, the committee that produced revision B, was comprised of representatives whose native languages and cultures differ. They

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also represented different regulatory agencies and governments.

Talk:DO-178C - Wikipedia

This supplement contains modifications and additions to DO-178C and DO-278A objectives, activities, explanatory text and software life

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cycle data that should be addressed when model-based development and verification are used as part of the software life cycle.

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