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**DO-178C: A New Standard for
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 Equipment Certification; RTCA DO-248C,
 Supporting Information for DO-178C and
 DO-278APlus attendee's choice of:
 DO-330, Software Tool Qualification

Considerations; DO-331, Model-Based
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document by which the certification authorities such as FAA, EASA and Transport Canada 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 Compliance with the objectives of DO-178C is the primary means of obtaining approval of software used in civil aviation products. Document History. RTCA DO-178 December 13, 2011 Software Considerations in Airborne Systems and Equipment Certification This document ...RTCA DO-178 - Software Considerations in Airborne Systems ...The Impact of RTCA DO-178C on . Software Development . By following DO-178C, organizations can implement aeronautical software . with clear and consistent ties to existing systems and safety processes and address emerging trends and technologies across the industry. Executive Summary . A new guideline has emerged to help regulate theThe Impact of RTCA DO-178C on Software DevelopmentRTCA DO-178C Software Considerations in Airborne Systems and Equipment Certification. standard by Radio Technical Commission

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AND ADDRESS(ES) AdaCore, North American Headquarters, 104 Fifth Avenue, 15th Floor, New York, NY, 10011 8. PERFORMING ...DO-178C: A New Standard for Software Safety CertificationRTCA is a private, not-for-profit association founded in 1935 as the Radio Technical Commission for Aeronautics, now referred to simply as "RTCA".RTCA | New heights reached, togetherDO-332 Object-Oriented Technology and Related Techniques Supplement to DO-178C and DO-278A, December 13, 2011 . DO-333 Formal Methods Supplement to DO-178C and DO 278A, December 13, 2011 . 1.0 Introduction . 1.1 Intended audience 1.1.1 The user of this tool is assumed to have a good working knowledge of DO-178B.DO-178B/C Differences ToolTestwell CTC++ Qualification Kit for DO-178C, EN-50128, IEC 61508, IEC 60880, and ISO 26262 The Qualification Kit for Testwell CTC++ provides documentation, test cases, and procedures that let you qualify Testwell CTC++ Test Coverage Analyser for projects based on the safety standards ISO 26262, IEC 61508, EN-50128, IEC 60880, and DO-178C. The kit contains tool

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 RTCA DO-160G provides standard procedures and environmental test criteria for testing airborne equipment for the entire spectrum of aircraft from light general aviation aircraft and helicopters through the "jumbo jets" and SST categories of aircraft. The document includes 26 Sections and three Appendices.
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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 software systems until it was replaced in 2012 by DO-178C.. The FAA applies DO-178B as the document it uses for guidance to ...
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