

An Introduction of Aircraft Maintenance Programs Engineering Inputs to Scheduled Maintenance Operations

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Abstract

Giving participants awareness of what aircraft scheduled maintenance is and how maintenance programs engineering organizations implement plans will highlight the necessary and positive collaboration between the aircraft manufacturer, airline operations, and government authorities. Through the discussion, the attendee will be introduced to the objectives of aircraft scheduled maintenance, the history of, the lifecycle of an aircraft program, components to acceptable means of compliance, the typical day in the life of the Aircraft Maintenance Programs Engineer, application of maintenance tasks in the field, and a high level view of the development and optimization of the Maintenance Review Board Report. The presentation will also highlight Airbus in the Americas and how the company supports the aircraft maintenance programs engineering function alongside industry stakeholders.

Keywords

Aircraft, Maintenance, Engineering, Airlines, Airworthiness

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Biography

Aaron Rubel is Head of Aircraft Maintenance Programs Development at the Mobile, Alabama Engineering Center of Airbus Americas. He is a certified Lean Six Sigma Black Belt and has earned patented inventions. Aaron has over 30 years of combined professional aerospace and automotive experience in areas of engineering, design, risk analysis, problem solving, manufacturing, and leadership. Mr. Rubel earned a M.S. in Engineering Management from the University of Tennessee at Chattanooga (UTC), a B.S. in Engineering Technology from Lawrence Technological University (LTU), and an Associate of Applied Science from Macomb Community College. Mr. Rubel's honors include the Dr. Ron Cox Graduate Engineering Management Student Award given by UTC, and he was inducted into the LTU College of Engineering Hall of Fame. Service in the community is important to Aaron. He served on a Mobile (Alabama) Area Education Foundation strategic planning committee for science, technology, engineering, and mathematics (STEM), and for three years was the strategic planning committee chair and voting member on a local school board.