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mixture in the tank. Contributing factors to the accident were the design and certification concept that fuel tank explosions could be prevented solely by precluding all ignition sources and the design and certification of the Boeing 747. The safety issues in this report focus on fuel tank flammability.

The sudden disappearance of TWA flight 800 on the night of July 17, 1996 caused an avalanche of rumors and theories about what might have happened. A Boeing 747 does not just disappear in a split second. The NTSB's investigation of the crash became the most thorough, most expensive and largest accident investigation in the Safety Board's history. No stone was left unturned. The Safety Board concluded that the probable cause of the accident was an explosion of the center wing fuel tank (CWT), resulting from ignition of the flammable fuel/air mixture in the tank. The source of the ignition was most likely an electrical short circuit. The Safety Board, in the course of its investigation, inspected numerous airplanes to check on electrical wiring. What became clear is that wiring is a huge problem in aviation. Ed Block, a Defense whistleblower tried in the 1980s to draw attention to the problem but was fired instead of awarded. The military changed its wire specifications after massive problems, on commercial airplanes nothing changed. Almost six years after the accident, the FAA has not done much. How many more people have to die by wire before serious measures are taken?

* This worldwide bestseller utilizes case studies to examine and explain aircraft accidents and incidents * Covers five major problem causes: human factors, weather, mid-air collisions, mechanical failure, runway incursions * NEW TO THIS EDITION: Chapters on Monitoring/Managing Cockpit Behavior and Spatial Disorientation; 27 new case studies; 25% new illustrations * Updated data and statistics throughout

The official FAA guide to maintenance methods, techniques, and practices essential for all pilots and aircraft maintenance...

This is an illustrated technical guide to the Boeing 737 aircraft. Containing extensive explanatory notes, facts, tips and points of interest on all aspects of this hugely successful airliner and showing its technical evolution from its early design in the 1960s through to the latest advances in the MAX. The book provides detailed descriptions of systems, internal and external components, their locations and functions, together with pilots notes and technical specifications. It is illustrated with over 500 photographs, diagrams and schematics. Chris Brady has written this book after many years developing the highly successful and informative Boeing 737 Technical Site, known throughout the world by pilots, trainers and engineers as the most authoritative open source of information freely available about the 737.

With billions of dollars generated annually, importing and exporting is a potentially lucrative arena for growth—and a bewildering tangle of rules and regulations. Packed with hundreds of cost-effective strategies, ready-to-use forms, and valuable checklists, the second edition of *Mastering Import & Export Management* explains how to efficiently—and legally—navigate the complex world of international trade. From the big picture of pinpointing the best markets to the nitty-gritty of packing a container, this sweeping guide examines how to spot potential risks, apply quality control procedures, prepare documentation accurately, and more. This revised and updated edition addresses how best to handle recent crises like the earthquakes and tsunami in Japan, the economic downturn, or political instability in countries like Egypt, Tunisia, Bahrain, and Libya. It also covers every new compliance and security regulation, as well as

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evolving best practices, including: • C-TPAT guidelines • Incoterms • In-house compliance programs • Freight cost–reduction tips • Beefed-up TSA regulations • Improved technology options • President Obama’s new export initiatives. It’s an indispensable resource for today’s complex and changing global marketplace.

Enhanced Airworthiness Program for Airplane Systems - Fuel Tank Safety (EAPAS - FTS) (US Federal Aviation Administration Regulation) (FAA) (2018 Edition) The Law Library presents the complete text of the Enhanced Airworthiness Program for Airplane Systems - Fuel Tank Safety (EAPAS - FTS) (US Federal Aviation Administration Regulation) (FAA) (2018 Edition). Updated as of May 29, 2018 This final rule amends FAA regulations for certification and operations of transport category airplanes. These changes are necessary to help ensure continued safety of commercial airplanes. They improve the design, installation, and maintenance of airplane electrical wiring systems and align those requirements as closely as possible with the requirements for fuel tank system safety. This final rule organizes and clarifies design requirements for wire systems by moving existing regulatory references to wiring into a single section of the regulations specifically for wiring and by adding new certification rules. It requires holders of type certificates for certain transport category airplanes to conduct analyses of their airplanes and make necessary changes to existing Instructions for Continued Airworthiness (ICA) to improve maintenance procedures for wire systems. It requires operators to incorporate ICA for wiring into their maintenance or inspection programs. And finally, this final rule clarifies requirements of certain existing rules for operators to incorporate ICA for fuel tank systems into their maintenance or inspection programs. This book contains: - The complete text of the Enhanced Airworthiness Program for Airplane Systems - Fuel Tank Safety (EAPAS - FTS) (US Federal Aviation Administration Regulation) (FAA) (2018 Edition) - A table of contents with the page number of each section

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