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Avianca will operate a single widebody type of fleet, using the Boeing 787-8 Dreamliner, the airline's Chief Financial Officer (CFO) confirmed today. This decision will force Avianca to have some ...

~~Avianca Eyes The Boeing 787 As Its Only Long-Haul Aircraft~~

The German capital will receive a new "flying" ambassador: Lufthansa is naming its first Boeing 787-9 "Berlin." The naming ceremony is set to take place ...

First Lufthansa Boeing 787-9 Dreamliner to be named "Berlin"

It seemed as though Boeing 787 Dreamliner deliveries had resumed, with ANA today taking a new Boeing 787-9 that had been in storage at Victorville in the Mojave Desert. However, Boeing revealed that ...

ANA Takes A Boeing 787, But Deliveries Are Still On Pause

The company did not name the supplier, nor did it identify the part, although the Wall Street Journal earlier reported that the defect involved certain titanium parts that are weaker than they should ...

Boeing finds new defect in continuing struggle to produce Dreamliner 787

Boeing's headaches are moving from its 737 jets to its Dreamliner 787 model. The aviation manufacturer admitted on Thursday that some titanium components d ...

Boeing discovers new defects in its Dreamliner 787

Boeing said Thursday it will rework undelivered 787 Dreamliner planes after uncovering another defect on the jet, which has been halted for deliveries since May.

Boeing uncovers another defect on 787 Dreamliner

Boeing is dealing with a new defect on its 787 Dreamliner, the latest in a series of production slip-ups that have delayed aircraft deliveries and drawn increased U.S. government scrutiny.

Boeing 787 Dreamliner has new problem involving

titanium parts, report says

Boeing has found that titanium components used by one of its largest 787 Dreamliner suppliers, Italy's Leonardo, didn't meet specifications and will need to be replaced on some aircraft made in the ...

Boeing finds faulty titanium parts in latest setback for 787

This time it's faulty titanium components, a discovery that will force the planemaker to replace key parts on many 787s built in the last three years.

Another setback for Boeing's 787 Dreamliner

The plane maker didn't hand over a single 787 Dreamliner last quarter -- and it is making slow progress clearing out its 737 MAX inventory, too.

Boeing Jet Deliveries Lag Again

Boeing's latest problem with the 787 Dreamliner reportedly involves weakness in certain titanium parts Boeing (BA) - Get Boeing Company Report shares moved lower Thursday following reports the ...

Boeing Stock Slides After Report Of New 787 Dreamliner Defect

The company was notified by a supplier that some 787 parts 'were improperly manufactured,' a Boeing spokesman told AFP, confirming aspects of a Wall Street Journal story.

Boeing to rework undelivered 787 Dreamliner planes over another defect

Q3 results are expected to benefit from increased 737 deliveries along with reduced expenditures on lower

wide-body production rates ...

Higher Commercial Deliveries to Aid Boeing (BA) Q3 Earnings

The Boeing Co. has flagged yet another production issue on its 787 Dreamliner. According to a report from the Wall Street Journal, titanium parts on Dreamliners built in the past three years have not ...

Another production issue flagged on newer Boeing 787s

Boeing delivered 85 airplanes in quarter three — but none of them were 787 Dreamliners and the airplane manufacturer ...

Boeing delivered no Dreamliners in Q3

The former Boeing pilot indicted over his role in the 737 MAX scandal said Friday he should not be made a scapegoat for a pair of deadly plane ...

Indicted ex-Boeing pilot says he is a 'scapegoat' in MAX scandal

Air New Zealand is transforming a 787 Dreamliner into a vaccination clinic ahead of a nationwide push to get Kiwis vaccinated.

Air New Zealand to transform Boeing 787 into vaccination clinic for special 'Jabaseat' flight

A federal grand jury on Thursday indicted a former top pilot for Boeing, Mark Forkner, in connection with statements he and the company made about its troubled 737 Max jet, the culmination of a long ...

Former Boeing Pilot Is Indicted in 737 Max Inquiry

Lufthansa is naming its first Boeing 787-9 "Berlin." The naming ceremony is set to take place following delivery of the aircraft next year. "Berlin" is the first of five Boeing 787-9 Dreamliners" that ...

Since its first flight on 15 December 2009, the Boeing 787 'Dreamliner' has been the most sophisticated airliner in the world. It uses many advanced new technologies to offer unprecedented levels of performance with minimal impact on the environment. Flying the Boeing 787 gives a pilot's eye view of what it is like to fly this remarkable machine. It takes the reader on a trip from Tokyo to Los Angeles as the flight crew see it, from pre-flight planning, through all the phases of the flight to shut-down at the parking stand many thousands of miles from the departure point. Lavishly illustrated with specially taken photographs of the B787's controls and instruments, this book will be of interest not just to commercial pilots, but to all aviation enthusiasts: it gives an insight into a world normally hidden for the flying public, at the technical and operational cutting edge of commercial flying. Gives a pilot's eye view of flying this remarkable machine - the Boeing 787 'Dreamliner'. Also an insight into a world normally hidden from the flying public, at the technical and operational cutting edge of commercial flying. Lavishly illustrated with 176 specially-taken colour photographs of the B787's controls and instruments.

With the launch of its superjumbo, the A380, Airbus made what looked like an unbeatable bid for

commercial aviation supremacy. But archrival Boeing responded: Not so fast. Boeing's 787 Dreamliner has already generated more excitement--and more orders--than any commercial airplane in the company's history. This book offers a fascinating behind-the-scenes look at the first all-new airplane developed by Boeing since its 1990 launch of the 777. With hundreds of photographs, Boeing 787 Dreamliner closely details the design and building of Boeing's new twin-engine jet airliner, as well as the drama behind its launch. Here are the key players, the controversies, the critical decisions about materials and technology--the plastic reinforced with carbon fiber that will make this mid-sized widebody super lightweight. And here, from every angle, is the Dreamliner itself, in all its gleaming readiness to rule the air.

Following the life of this aircraft from its initial inception to the delivery of the first production models, this book begins with Boeing's initial thoughts concerning a new wide-body transport, how the original concept changes over a period of months of discussion, and finally, a description of the final configuration. The reasoning that went into the final design is explored. Many of the new and unique features of this airplane are carefully described. The complex and basically original manufacturing process is examined, as is the logistics system developed to move large subassemblies economically and on time. The many features that Boeing incorporated into the 787 for both safety and greatly increased passenger comfort are all brought forth and explained in layman's language. The book also delves into some of

the frustrating problems that the 787 team encountered. Component and flight testing is also included, as are appendices that collect information, such as specifications of the various 787 models and a listing of sales by carrier to date. Throughout the author has tried to relate the story of the Dreamliner with honesty and with a view to who might be reading the book.

The Birth of the Dreamliner captures the awe and achievement of this ambitious chapter of aviation history, and acts as a "biography" of the aircraft, following the evolution of the 787 concept through its path to completion. In full collaboration with Boeing, The Birth of the Dreamliner is full-access insight into how this intricate, complex machine has been engineered in response to a dream. The Dreamliner heralds a new era in air travel. The components of the Dreamliner are sourced from more than 130 sites around the world, and then transported by the largest cargo freighters ever built, specially customized 747s called Dreamlifters. Stunning photography illustrates the meticulous undertaking of transporting wings and fuselage sections to the Dreamliner's final assembly point at the Boeing facility in Everett, Washington, the world's biggest building. You will see how the sophisticated interiors take shape along the assembly line of parts and tools, with in-depth interviews from key personnel, creators, and technicians. This is a quintessential archive of an unprecedented aircraft program.

NEW YORK TIMES BUSINESS BEST SELLER □ A suspenseful behind-the-scenes look at the dysfunction

that contributed to one of the worst tragedies in modern aviation: the 2018 and 2019 crashes of the Boeing 737 MAX. An "authoritative, gripping and finely detailed narrative that charts the decline of one of the great American companies" (New York Times Book Review), from the award-winning reporter for Bloomberg. Boeing is a century-old titan of industry. It played a major role in the early days of commercial flight, World War II bombing missions, and moon landings. The planemaker remains a cornerstone of the U.S. economy, as well as a linchpin in the awesome routine of modern air travel. But in 2018 and 2019, two crashes of the Boeing 737 MAX 8 killed 346 people. The crashes exposed a shocking pattern of malfeasance, leading to the biggest crisis in the company's history—and one of the costliest corporate scandals ever. How did things go so horribly wrong at Boeing? Flying Blind is the definitive exposé of the disasters that transfixed the world. Drawing from exclusive interviews with current and former employees of Boeing and the FAA; industry executives and analysts; and family members of the victims, it reveals how a broken corporate culture paved the way for catastrophe. It shows how in the race to beat the competition and reward top executives, Boeing skimped on testing, pressured employees to meet unrealistic deadlines, and convinced regulators to put planes into service without properly equipping them or their pilots for flight. It examines how the company, once a treasured American innovator, became obsessed with the bottom line, putting shareholders over customers, employees, and communities. By Bloomberg investigative journalist Peter Robison, who covered Boeing as a beat reporter during the

company's fateful merger with McDonnell Douglas in the late '90s, this is the story of a business gone wildly off course. At once riveting and disturbing, it shows how an iconic company fell prey to a win-at-all-costs mentality, threatening an industry and endangering countless lives.

Best book on Boeing 787 Dreamliner, Bar None. There has never been a Boeing 787 Dreamliner Guide like this. It contains 123 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This Guide introduces what you want to know about Boeing 787 Dreamliner. A quick look inside of some of the subjects covered: Precision Castparts - Products, Air Berlin - 2007-2009: Takeovers and expansion, LED - Lighting, British Airways - Fleet, Competition between Airbus and Boeing - Effect of competition on product plans, Radio-frequency identification - Inventory systems, Northwest Airlines - Destinations, Boeing Everett Factory - Boeing 787, Norwegian Long Haul - History, Boeing Commercial Airplanes - Model naming convention, Paris Air Show - 2011, Wide-body aircraft - History, Jetairfly - History, EAA AirVenture Oshkosh - EAA AirVenture Oshkosh highlights, Air India - Financial restructuring and turnaround plans (2011-present), Airline seat - Auxiliary, Plug-in electric vehicle fire incidents - Non-automotive incidents, Flight control modes (electronic), Air India - Destinations, All Nippon Airways - Fleet plans, Jetstar Airways, LED light - Lighting, Cabin pressurization -

Mechanics of pressurization, Emergency airworthiness directive - Notable incidents that have led to emergency airworthiness directives, Aventador - Dreamliner Edition (2012), Vince Weldon - Safety claims, Rolls-Royce plc - 21st century, Air New Zealand - 21st century, Royal Jordanian - History, Pittsburgh, Pennsylvania - Economy, Carbon fiber - Aerospace engineering, Prototype - Modern trends, Royal Brunei Airlines - Fleet, Wide-body aircraft - Future development, and much more...

This book provides a compilation of documents and information from the National Transportation Safety Board (NTSB) about the ongoing investigation into fires and smoke incidents involving lithium-ion batteries on Boeing 787 Dreamliner commercial airplanes in 2013. It includes the March interim factual report which summarizes the NTSB's initial findings on the JAL battery fire investigation. The report includes details on how the maintenance personal discovered the fire and how the firefighters responded and extinguished it, findings from the examination of the battery and test results of related components, initial reports on the flight recorder data, a description of the 787 electrical power system certification plan, and a list of ongoing and planned investigative activities. Contents of that report include:Abbreviations and Acronyms * Executive Summary * 1. Factual Information * 1.1 Event History * 1.2 Airplane Information * 1.3 Battery Information * 1.4 Flight Recorders * 1.5 Battery Examinations * 1.5.1 External Observations * 1.5.2 Battery Disassembly * 1.5.3 Battery Case Protrusion and Corresponding Cell Case Damage * 1.5.4 Radiographic

Examinations * 1.6 Component Testing * 1.6.1 Battery Charger Unit * 1.6.2 Start Power Unit * 1.6.3 Battery Monitoring Unit * 1.6.4 Contactor * 1.6.5 Auxiliary Power Unit Controller * 1.7 System Safety and Certification * 1.7.1 Type Certification and Battery Special Conditions * 1.7.2 Certification Plan * 1.7.3 System Safety Assessment * 1.8 Federal Aviation Administration Actions After Battery Incidents * 1.9 Additional Information * 2. Ongoing and Planned Investigation Activities * Appendix--Boeing 787 Type Certification Special Conditions 25-359-SC.On January 7, 2013, about 1021 eastern standard time, smoke was discovered by cleaning personnel in the aft cabin of a Japan Airlines (JAL) Boeing 787-8, JA829J, which was parked at a gate at General Edward Lawrence Logan International Airport (BOS), Boston, Massachusetts. About the same time, a maintenance manager in the cockpit observed that the auxiliary power unit (APU)--the sole source of airplane power at the time--had automatically shut down. Shortly afterward, a mechanic opened the aft electronic equipment (E/E) bay and found heavy smoke and fire coming from the front of the APU battery case.2 No passengers or crewmembers were aboard the airplane at the time, and none of the maintenance or cleaning personnel aboard the airplane was injured. Aircraft rescue and firefighting personnel responded, and one firefighter received minor injuries. The airplane had arrived from Narita International Airport, Narita, Japan, as a regularly scheduled passenger flight operated as JAL flight 008. The APU battery provides power to start an APU during ground and flight operations. Flight data recorder (FDR) data showed that the APU was started about 1004 while

the airplane was being taxied to the gate after arrival at BOS. The FDR data also showed that, about 36 seconds before the APU shut down at 1021:37, the voltage of the APU battery began fluctuating, dropping from a full charge of 32 volts to 28 volts about 7 seconds before the shutdown. The APU battery consists of eight lithium-ion cells that are connected in series and assembled in two rows of four cells. Each battery cell has a nominal voltage of 3.7 volts. The cells have a lithium cobalt oxide compound chemistry and contain a flammable electrolyte liquid.

Boeing 787, the Dreamliner, is the fastest-selling plane ever in the commercial aviation industry. However, its development was a nightmare - the first flight was delayed by 28 months and the first delivery was delayed by 40 months with a cost overrun of at least $10 Billion. Naturally, people asked: What happened? Could it have been avoided?This case provides a thorough coverage of the events, facts and issues for the development of the Dreamliner. It presents indepth information on how the airplane was developed and how the program was managed. It tells the story from the perspective of both Boeing and one of its major suppliers, Vought. The objective is to showcase the challenges in managing today's global supply chains and provide a rich ground for discussions on development outsourcing, program management and supply chain coordination.

This book provides the complete National Transportation Safety Board (NTSB) Aircraft Incident Report issued in November 2014 (plus a full compilation of documents and additional information)

about the fires and smoke incidents involving lithium-ion batteries on Boeing 787 Dreamliner commercial airplanes in 2013. This report discusses the January 7, 2013, incident involving a Japan Airlines Boeing 787-8, JA8297, which was parked at a gate at General Edward Lawrence Logan International Airport, Boston, Massachusetts, when maintenance personnel observed smoke coming from the lid of the auxiliary power unit battery case, as well as a fire with two distinct flames at the electrical connector on the front of the case. No passengers or crewmembers were aboard the airplane at the time, and none of the maintenance or cleaning personnel aboard the airplane was injured. Safety issues relate to cell internal short circuiting and the potential for thermal runaway of one or more battery cells, fire, explosion, and flammable electrolyte release; cell manufacturing defects and oversight of cell manufacturing processes; thermal management of large-format lithium-ion batteries; insufficient guidance for manufacturers to use in determining and justifying key assumptions in safety assessments; insufficient guidance for Federal Aviation Administration (FAA) certification engineers to use during the type certification process to ensure compliance with applicable requirements; and stale flight data and poor-quality audio recording of the 787 enhanced airborne flight recorder. Safety recommendations are addressed to the FAA, The Boeing Company, and GS Yuasa Corporation. Executive Summary * 1. Factual Information * 1.1 Event History * 1.2 Airplane Information * 1.2.1 Battery Information * 1.2.2 Battery and Related Component Information * 1.2.3 Postincident Airplane Examination * 1.2.4 Additional

Airplane-Related Information * 1.3 Flight Recorders * 1.4 Incident Battery Examinations * 1.4.1 External Observations * 1.4.2 Radiographic Examinations of Incident Battery and Cells * 1.4.3 Disassembly of Incident Battery * 1.4.4 Battery Case Protrusion and Corresponding Cell Case Damage * 1.4.5 Disassembly of Incident Battery Cells * 1.5 Exemplar Battery Examinations and Testing * 1.5.1 Radiographic Examinations of Exemplar Battery Cells * 1.5.2 Cell Soft-Short Tests * 1.5.3 Examinations of Cells From the Incident Airplane Main Battery * 1.5.4 Cell-Level Abuse Tests * 1.5.5 Rivet Observations During Cell- and Battery-Level Testing * 1.5.6 Cold Temperature Cell- and Battery-Level Testing * 1.5.7 Battery-Level Nail Penetration Tests * 1.5.8 Additional Testing * 1.6 Battery Manufacturing Information * 1.6.1 Main and Auxiliary Power Unit Battery Development * 1.6.2 Cell Manufacturing Process * 1.7 System Safety and Certification * 1.7.1 Type Certification Overview and Battery Special Conditions * 1.7.2 Certification Plan * 1.7.3 System Safety Assessment * 1.8 Additional Information * 1.8.1 Federal Aviation Administration Actions After Battery Incidents * 1.8.2 Previously Issued Safety Recommendations * 2. Analysis * 2.1 Failure Sequence * 2.2 Emergency Response * 2.3 Cell Manufacturing Concerns * 2.4 Thermal Management of Large-Format Lithium-Ion Batteries * 2.4.1 Battery Internal Heating During High-Current Discharge * 2.4.2 Cell-Level Temperature and Voltage Monitoring * 2.4.3 Thermal Safety Limits for Cells * 2.5 Certification Process * 2.5.1 Validation of Assumptions and Data Used in Safety Assessments Involving New Technology * 2.5.2 Validating Methods of Compliance for Designs Involving New Technology * 2.5.3

Certification of Lithium-ion Batteries and Certification of New Technology * 2.6 Flight Recorder Issues * 2.6.1 Stale Flight Data * 2.6.2 Poor-Quality Cockpit Voice Recording * 3. Conclusions * 3.1 Findings * 3.2 Probable Cause * 4. Recommendations * 4.1 New Recommendations * 4.2 Previously Issued Safety Recommendations Classified in This Report