

Boeing 787 Flight Crew Operations

This book constitutes late breaking papers from the 22nd International Conference on Human-Computer Interaction, HCII 2020, which was held in July 2020. The conference was planned to take place in Copenhagen, Denmark, but had to change to a virtual conference mode due to the COVID-19 pandemic. From a total of 6326 submissions, a total of 1439 papers and 238 posters have been accepted for publication in the HCII 2020 proceedings before the conference took place. In addition, a total of 333 papers and 144 posters are included in the volumes of the proceedings published after the conference as "Late Breaking Work" (papers and posters). These contributions address the latest research and development efforts in the field and highlight the human aspects of design and use of computing systems.

The Air Transportation Industry: Economic Conflict and Competition analyzes all market segments in detail, examining such issues as which industrial-economic structure drives decisions, the main economic problems, the consequences for negotiations between different actors, impacts on the global aviation market, and much more. The book covers the entire aviation sector, including strategies, regulation, resilience, privatization, airport slot management, and more. It examines how economic and strategic struggles underlie the current market structure, both for aviation as a whole and for the constituent actors as carriers, authorities and handlers. This book will help reader gain insights into possible strategic choices and the mutual competitive strength within the future aviation market. Contains contributions from well-known aviation scholars Includes numerous cases studies throughout that explore a wide range of topics Focuses on applied knowledge, with clearly structured chapters examining topics from a global perspective Addresses the ongoing consequences of COVID-19 on the air transportation industry, examining potential strategic responses in the event of subsequent pandemics

Proceedings of the First International Air Tr. This book presents the proceedings of the First International Air Transport and Operations Symposium, ATOS 2010, held at the Delft University of Technology in The Netherlands. The focus of ATOS 2010 and these proceedings is on how air transport can evolve

Taking an integrated, systems approach to human performance issues on the flight deck of the modern airliner, this book describes the inter-relationships between the various application areas of human factors, recognising that the human contribution to the operation of an airliner does not fall into neat pigeonholes. The relationship between areas such as pilot selection, training, flight deck design and safety management is continually emphasised. It also affirms the upside of human factors in aviation and avoids placing undue emphasis on when the human component fails.

This edited textbook is a fully updated and expanded version of the highly successful first edition of Human Factors in Aviation. Written for the widespread aviation community - students, engineers, scientists, pilots, managers, government personnel, etc., HFA offers a comprehensive overview of the topic, taking readers from the general to the specific, first covering broad issues, then the more specific topics of pilot performance, human factors in aircraft design, and vehicles and systems. The new editors offer essential breath of experience on aviation human factors from multiple perspectives (i.e. scientific research, regulation, funding agencies, technology, and implementation) as well as knowledge about the science. The contributors are experts in their fields. Topics carried over from the first edition are fully updated, several by new authors who are now at the fore of the field. New material - which represents 50% of the volume - focuses on the challenges facing aviation specialists today. One of the most significant developments in this decade has been NextGen, the Federal Aviation Administration's plan to modernize national airspace and to address the impact of air traffic growth by increasing airspace capacity and efficiency while simultaneously improving safety, environmental impacts and user access. NextGen issues are covered in full. Other new topics include: High Reliability Organizational Perspective, Situation Awareness & Workload in Aviation, Human Error Analysis, Human-System Risk Management, LOSA, NOSS and Unmanned Aircraft System. Comprehensive text with up-to-date synthesis of primary source material that does not need to be supplemented New edition thoroughly updated with 50% new material and full coverage of NexGen and other modern issues Instructor website with test bank and image collection makes this the only text offering ancillary support Liberal use of case examples exposes readers to real-world examples of dangers and solutions

Bachelor Thesis from the year 2015 in the subject Engineering - Mechanical Engineering, grade: 1,7, Hamburg University of Technology (Institut für Lufttransportsysteme), language: English, abstract: The object of this thesis is to outline prospective assistance systems enabling a pilot to fly an airliner single-handedly. A cognitive modelling technique called Model Human Processor is introduced. Procedures and tasks involved in the operation of an aircraft are identified. Assumptions with respect to the single pilot design alternative are made. A simulation is implemented in Matlab in order to assess the pilots' workload. Results allow for a procedure time and workload comparison of the two flight crew alternatives. The outcome of this analysis facilitates the design of potential additional pilot support systems that can reduce workload and improve situational awareness.

The airline industry presents an enigma. High growth rates in recent decades have produced only marginal profitability. This book sets out to explain, in clear and simple terms, why this should be so. It provides a unique insight into the economics and marketing of international airlines. Flying Off Course has established itself over the years as the indispensable guide to the inner workings of this exciting industry. This enlarged fourth edition, largely re-written and completely updated, takes into account the sweeping changes which have affected airlines in recent years. It includes much new material on many key topics such as airline costs, 'open skies', air cargo economics, charters and new trends in airline pricing. It also contains two exciting new chapters on the economics of the low-cost no frills carriers and on the future prospects of the industry. The book provides a practical insight into key aspects of airline operations, planning and marketing within the conceptual framework of economics. It is given added force by the author's hands-on former experiences as a Chairman and CEO of Olympic Airways and as a non-executive Director of South African Airways while he is currently a non-executive Director of easyJet.

The story about a young girl that builds spaceships, flies to Mars, saves the Earth from a very large asteroid that she captures, puts in orbit above the Earth, builds a space elevator above her home in Texas, and also builds three space elevators on the moon and one on the planet Mars has lots of adventures while traveling around the solar system. She is befriended by a humpback whale and saves lots of whales.

Introduction to Air Transport Economics: From Theory to Applications uniquely merges the institutional and technical aspects of the aviation industry with their theoretical economic underpinnings. In one comprehensive textbook it applies economic theory to all aspects of the aviation industry, bringing together the numerous and informative articles and institutional developments that

have characterized the field of airline economics in the last two decades as well as adding a number of areas original to an aviation text. Its integrative approach offers a fresh point of view that will find favor with many students of aviation. The book offers a self-contained theory and applications-oriented text for any individual intent on entering the aviation industry as a practicing professional in the management area. It will be of greatest relevance to undergraduate and graduate students interested in obtaining a more complete understanding of the economics of the aviation industry. It will also appeal to many professionals who seek an accessible and practical explanation of the underlying economic forces that shape the industry. The second edition has been extensively updated throughout. It features new coverage of macroeconomics for managers, expanded analysis of modern revenue management and pricing decisions, and also reflects the many significant developments that have occurred since the original's publication. Instructors will find this modernized edition easier to use in class, and suitable to a wider variety of undergraduate or graduate course structures, while industry practitioners and all readers will find it more intuitively organized and more user friendly.

Aviation is one of the most widely talked about industries in the global economy and yet airlines continue to present an enigma. Between 2010 and 2018 the global airline industry experienced its longest period of sustained profitability however huge global profits hid a darker side. Many airlines made inadequate profits or serious losses while others collapsed entirely. This fifth edition of *Flying Off Course* explains why. Written by leading industry expert, Rigas Doganis, this book is an indispensable guide to the inner workings of this exciting industry. Providing a complete, practical introduction to the fundamentals of airline economics and marketing, it explores the structure of the market, the nature of airline costs, issues around pricing and demand, and the latest developments in e-commerce. Vibrant examples are drawn from passenger, charter and freight airlines to provide a dynamic view of the entire industry. This completely updated edition also explores the sweeping changes which have affected airlines in recent years. It includes much new material on airline alliances, long-haul low cost airlines, new pricing policies and ancillary revenues in order to present a compelling account of the current state of the airline industry. Offering a practical approach and peppered with real examples this book will be valuable to anyone new to the airline industry as well as those wishing to gain a wider insight into its operations and economics. For undergraduate or postgraduate students in transport studies, tourism and business the book provides a unique insider's view into the workings of this exciting industry.

Avionics often serves as the tip of the spear for research into user-interface and systems usability in aviation. However, this emphasis on flashy, technology-driven design can come with a cost: the sacrifice of practical utility, which, in the high-stakes environment of military aviation, can lead directly to catastrophe. *Mission Adaptive Display Technologies and Operational Decision Making in Aviation* explores the use of adaptive and assistive technologies in aviation to establish clear guidelines for the design and implementation of such technologies to better serve the needs of both military and civilian pilots. Benefiting from the authors' combined experience of more than 40 years in the aviation industry and over 25,000 flight-hours, this volume targets a wide audience of engineers and business professionals. This premier reference source covers topics of interest to aviators and engineers, including aerodynamic systems design, operational decision theory, user interface design, avionics, and concepts and cases in flight operations, mission performance, and pilot training.

Provides a significant update to the definitive book on aircraft system design This book is written for anyone who wants to understand how industry develops the customer requirement for aircraft into a fully integrated, tested, and qualified product that is safe to fly and fit for purpose. The new edition of *Design and Development of Aircraft Systems* fully expands its already comprehensive coverage to include both conventional and unmanned systems. It also updates all chapters to bring them in line with current design practice and technologies taught in courses at Cranfield, Bristol, and Loughborough universities in the UK. *Design and Development of Aircraft Systems, 3rd Edition* begins with an introduction to the subject. It then introduces readers to the aircraft systems (airframe, vehicle, avionic, mission, and ground systems). Following that comes a chapter on the design and development process. Other chapters look at design drivers, systems architectures, systems integration, verification of system requirements, practical considerations, and configuration control. The book finishes with sections that discuss the potential impact of complexity on flight safety, key characteristics of aircraft systems, and more. Provides a holistic view of aircraft system design, describing the interactions among subsystems such as fuel, navigation, flight control, and more Substantially updated coverage of systems engineering, design drivers, systems architectures, systems integration, modelling of systems, practical considerations, and systems examples Incorporates essential new material on the regulatory environment for both manned and unmanned systems Discussion of trends towards complex systems, automation, integration and the potential for an impact on flight safety *Design and Development of Aircraft Systems, 3rd Edition* is an excellent book for aerospace engineers, researchers, and graduate students involved in the field.

The *Global Airline Industry Second Edition* provides a definitive introduction to the global air transportation system. It features detailed coverage of airline economics, strategy, management, scheduling, operations, and ticket distribution, as well as survey chapters on aviation safety and security, airports, air traffic control, environmental impacts, and the international regulatory environment in which the industry operates. It offers a global perspective, drawing on the editors' extensive experience with airline and air transport issues and featuring contributions from experts all around the world. The *Global Airline Industry, Second Edition* has been significantly revised and updated from the bestselling first edition and now also includes a chapter on Airline Revenue Management.

Aviation safety and astronautics safety are taught as technical subjects informed, for the most part, by quantitative methods. Here, as in other fields, safety is often framed as an engineering problem requiring mathematics-informed solutions. This book argues that the socio-technical approach, encompassing theories grounded in sociology and psychology – such as active learning, high-reliability organising, mindfulness, leadership, followership and empowerment – have much to contribute to the safety performance of these vital industries. It sets out to inspire professionals to embed the whole-system approach into design and operation regimen and demonstrates the potential reputational and financial benefits to manufacturers and operators that accrue from adopting a whole-system approach to design and operation. The book defines the socio-technical approach to risk assessment and management in aviation and astronautics (astronautics is taken to mean "the design and operation of vehicles for use beyond the earth's atmosphere"), then demonstrates the strengths and weaknesses of this approach through case studies of, for example, the Boeing 737 MAX-8 accidents and the loss of the SpaceShipTwo orbiter. Grounding the discourse in familiar case studies engages busy aviation and astronautics professionals. The book's arguments are explained in such a way that they are readily comprehensible to non-experts. Key concepts are described within a glossary. Photographs, charts and diagrams illustrate

key points. Written for a practitioner audience, specifically aviation and astronautics professionals, this book provides a valuable and accessible social sciences perspective on safety that will be directly relevant to their roles.

Introducing the principles of aircraft electrical and electronic systems, this book is written for anyone pursuing a career in aircraft maintenance engineering or a related aerospace engineering discipline, and in particular will be suitable for those studying for licensed aircraft maintenance engineer status. It systematically addresses the relevant sections of modules 11 and 13 of part-66 of the EASA syllabus, and is ideal for anyone studying as part of an EASA and FAR-147 approved course in aerospace engineering. Delivers the essential principles and knowledge base required by Airframe and Propulsion (A&P) Mechanics for Modules 11 and 13 of the EASA Part-66 syllabus and BTEC National awards in aerospace engineering Supports Mechanics, Technicians and Engineers studying for a Part-66 qualification Comprehensive and accessible, with self-test questions, exercises and multiple choice questions to enhance learning for both independent and tutor-assisted study This second edition has been updated to incorporate: complex notation for the analysis of alternating current (AC) circuits; an introduction to the "all electric aircraft" utilising new battery technologies; updated sensor technology using integrated solid-state technology micro-electrical-mechanical sensors (MEMS); an expanded section on helicopter/rotary wing health usage monitoring systems (HUMS).

International aviation is a massive and complex industry that is crucial to our global economy and way of life. Designed for the next generation of aviation professionals, *Fundamentals of International Aviation*, second edition, flips the traditional approach to aviation education. Instead of focusing on one career in one country, it introduces readers to the air transport sector on a global scale with a broad view of all the interconnected professional groups. This text provides a foundation of 'how aviation works' in preparation for any career in the field (including regulators, maintenance engineers, pilots, flight attendants, airline and airport managers, dispatchers, and air traffic controllers, among many others). Each chapter introduces a different cross-section of the industry, from air law to operations, security to environmental impacts. A variety of learning tools are built into each chapter, including 24 case studies that describe an aviation accident related to each topic. This second edition adds new learning features, geographic representation from Africa, a new chapter on economics, full-color illustrations, and updated and enhanced online resources. This accessible and engaging textbook provides a foundation of industry awareness that will support a range of aviation careers. It also offers current air transport professionals an enriched understanding of the practices and challenges that make up the rich fabric of international aviation.

Airline Operations and Management: A Management Textbook is a survey of the airline industry, mostly from a managerial perspective. It integrates and applies the fundamentals of several management disciplines, particularly economics, operations, marketing and finance, in developing the overview of the industry. The focus is on tactical, rather than strategic, management that is specialized or unique to the airline industry. The primary audiences for this textbook are both senior and graduate students of airline management, but it should also be useful to entry and junior level airline managers and professionals seeking to expand their knowledge of the industry beyond their own functional area. This book provides a global perspective on the transformations in the world of work caused by the COVID-19 pandemic. The collection of essays will break down the general statistics and trends into glimpses of concrete experiences of workers during pandemic, of workplaces transformed or destroyed, of workers protesting against political measures, of professions particularly exposed to the coronavirus, and also of the changing nature of some professions.

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.

With the pace of ongoing technological and teamwork evolution across air transport, there has never been a greater need to master the application and effective implementation of leading edge human factors knowledge. *Human Factors in Multi-Crew Flight Operations* does just that. Written from the perspective of the well-informed pilot it provides a vivid, practical context for the appreciation of Human Factors, pitched at a level for those studying or engaged in current air transport operations. Features Include: - A unique seamless text, intensively reviewed by subject specialists. - Contemporary regulatory requirements from ICAO and references to FAA and JAA. - Comprehensive detail on the evolutionary development of air transport Human Factors. - Key statistics and analysis on the size and scope of the industry. - In-depth demonstration of the essential contribution of human factors in solving current aviation problems, air transport safety and certification. - Future developments in human factors as a 'core technology'. - Extensive appendices, glossary and indexes for ease of reference. The only book available to map the evolution, growth and future expansion of human factors in aviation, it will be the text for pilots and flight attendants and an essential resource for engineers, scientists, managers, air traffic controllers, regulators, educators, researchers and serious students. *Safety and Reliability Modeling and Its Applications* combines work by leading researchers in engineering, statistics and mathematics who provide innovative methods and solutions for this fast-moving field. Safety and reliability analysis is one of the most multidimensional topics in engineering today. Its rapid development has created many opportunities and challenges for both industrialists and academics, while also completely changing the global design and systems engineering environment. As more modeling tasks can now be undertaken within a computer environment using simulation and virtual reality technologies, this book helps readers understand the number and variety of research studies focusing on this important topic. The book addresses these important recent developments, presenting new theoretical issues that were not previously presented in the literature, along with solutions to important practical problems and case studies that illustrate how to apply the methodology. Uses case studies from industry practice to explain innovative solutions to real world safety and reliability problems Addresses the full interdisciplinary range of topics that influence this complex field Provides brief introductions to important concepts, including stochastic reliability and Bayesian methods

BE AMAZED. BE INFORMED. BE PROUD. Get to know about our country's firsts and foremost in human endeavour, education, defence, government, adventure, cinema, literature and the arts, along with freshly introduced chapters on science and technology, business and economy, the natural world and structures. With a brand-new look and readerfriendly infographics, charts and tables, this book now includes more than 300 images and all the fascinating absolutes you always wanted ? such as records for the longest, tallest, fastest and heaviest ? that have stood steadfast over the years. Plus it features hundreds of exciting new records that mark our nation's and its people's move towards always bettering the best! **ONLY IN THE LIMCA BOOK OF RECORDS 2018. READ?AND LEAD!**

Two-volume collection of case studies on aspects of NACA-NASA research by noted engineers, airmen, historians, museum curators, journalists, and independent scholars. Explores various aspects of how NACA-NASA research took aeronautics from the subsonic to the hypersonic era.-publisher description.

Selecting the right aircraft for an airline operation is a vastly complex process, involving a multitude of skills and considerable

knowledge of the business. *Buying the Big Jets* has been published since 2001 to provide expert guidance to all those involved in aircraft selection strategies. This third edition brings the picture fully up to date, representing the latest developments in aircraft products and best practice in airline fleet planning techniques. It features a new section that addresses the passenger experience and, for the first time, includes regional jet manufacturers who are now extending their product families into the 100-plus seating category. Overall, the third edition looks at a broader selection of analytical approaches than previously and considers how fleet planning for cost-leader airlines differs from that of network carriers. *Buying the Big Jets* is an industry-specific example of strategic planning and is therefore a vital text for students engaged in graduate or post-graduate studies either in aeronautics or business administration. The book is essential reading for airline planners with fleet planning responsibility, consultancy groups, analysts studying aircraft performance and economics, airline operational personnel, students of air transport, leasing companies, aircraft value appraisers, and all who manage commercial aircraft acquisition programmes and provide strategic advice to decision-makers. It is also a valuable tool for the banking community where insights into aircraft acquisition decisions are vital.

For the undergraduate/graduate introductory information systems course required of all business students. *Information Systems Today, 3e*, speaks directly to WHY IS MATTERS today by focusing on what every business student needs to know about IS including its leading role in the globalization of business.

This title presents a flexible valuation and decision-making tool for financial planners, airlines, lease companies, bankers, insurance companies, and aircraft manufacturers.

As aircraft became more reliable and less prone to mechanical failure, the percentage of accidents related to human factors increased. Some aspect of human factors now accounts for over 80 percent of all accidents. Flying IMC can result in sensations that are misleading to the body's sensory system. A safe pilot needs to understand these sensations and effectively counteract them. Pilots who have a good understanding of human factors are better equipped to plan and execute a safe and uneventful flight. This book covers in full the EASA learning objectives for the Human performance subject for CB-IR and BIR. And as a digital book it will be updated as often as necessary, as well as improved based on the readers feedback.

Since its first flight on 27 April 2005, the Airbus A380 has been the largest passenger airliner in the world. Instantly recognizable with its full-length upper deck, it represents the pinnacle of modern airliner design. Flying the A380 gives a pilot's eye view of what it is like to fly this mighty machine. It takes the reader on a trip from London to Dubai 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. This book is both a repertory guide to the Convention on International Civil Aviation (Chicago Convention) as well as a legal analysis of the provisions of the treaty. It traces action taken by the ICAO Assembly and the Council in the implementation of the Convention from the first ICAO Assembly in 1947 until 2012. Above all, the book offers a commentary on the functional and moral fabric of the Chicago Convention, which is not only a multilateral legal instrument that sets out basic principles of air navigation and air transport, but also serves as a moral compass that brings the people of the world together. The teleological nature of the Chicago Convention is reflected from the outset – from its Preamble which sets the tone and philosophy of the Convention – that aviation builds friendship and understanding among all people, to its technical provisions that range from rules of the air to landing at airports and customs and immigration procedures. The book effectively demonstrates the Aristotelian principle – that rules make people good by forming habits in them. Standardization, or in other words, compliance, is the driver of the Convention that keeps aviation safe, regular, efficient and economical. To that end, this book traces and details the sustained relevance of the Chicago Convention and the efforts of ICAO and the international aviation community towards keeping air transport on track and ready for its future exponential growth, both in letter and in spirit. ?

The Aircraft Engineering Principles and Practice Series provides students, apprentices and practicing aerospace professionals with the definitive resources to take forward their aircraft engineering maintenance studies and career. This book provides a detailed introduction to the principles of aircraft electrical and electronic systems. It delivers the essential principles and knowledge required by certifying mechanics, technicians and engineers engaged in engineering maintenance on commercial aircraft and in general aviation. It is well suited for anyone pursuing a career in aircraft maintenance engineering or a related aerospace engineering discipline, and in particular those studying for licensed aircraft maintenance engineer status. The book systematically covers the avionic content of EASA Part-66 modules 11 and 13 syllabus, and is ideal for anyone studying as part of an EASA and FAR-147 approved course in aerospace engineering. All the necessary mathematical, electrical and electronic principles are explained clearly and in-depth, meeting the requirements of EASA Part-66 modules, City and Guilds Aerospace Engineering modules, BTEC National Units, elements of BTEC Higher National Units, and a Foundation Degree in aircraft maintenance engineering or a related discipline. * The perfect blend of academic and practical information for aircraft engineering and maintenance * Addresses the avionic content of Modules 11 and 13 of the EASA Part-66 syllabus and BTEC National awards in aerospace engineering * Comprehensive and accessible, with self-test questions and multiple choice revision papers designed to prepare readers for EASA examination

A perennial bestseller, the *Digital Avionics Handbook* offers a comprehensive view of avionics. Complete with case studies of avionics architectures as well as examples of modern systems flying on current military and civil aircraft, this Third Edition includes: Ten brand-new chapters covering new topics and emerging trends Significant restructuring to deliver a more coherent and cohesive story Updates to all existing chapters to reflect the latest software and technologies Featuring discussions of new data bus and display concepts involving retina scanning, speech interaction, and synthetic vision, the *Digital Avionics Handbook, Third Edition* provides practicing and aspiring electrical, aerospace, avionics, and control systems engineers with a pragmatic look at the present state of the art of avionics.

This book provides a systematic analysis, modeling and evaluation of the performance of advanced transport systems. It offers an innovative approach by presenting a multidimensional examination of the performance of advanced transport systems and transport modes, useful for both theoretical and practical purposes. Advanced transport systems for the twenty-first century are characterized by the superiority of one or several of their infrastructural, technical/technological,

operational, economic, environmental, social and policy performances as compared to their conventional counterparts. The advanced transport systems considered include: Bus Rapid Transit (BRT) and Personal Rapid Transit (PRT) systems in urban area(s), electric and fuel cell passenger cars, high speed tilting trains, High Speed Rail (HSR), Trans Rapid Maglev (TRM), Evacuated Tube Transport system (ETT), advanced commercial subsonic and Supersonic Transport Aircraft (STA), conventionally- and Liquid Hydrogen (LH2)-fuelled commercial air transportation, advanced Air Traffic Control (ATC) technologies and procedures for increasing the airport runway capacity, Underground Freight Transport (UFT) systems in urban area(s), Long Intermodal Freight Train(s) (LIFTs), road mega trucks, large advanced container ships and freight/cargo aircraft and advanced freight/goods collection distribution networks. This book is intended for postgraduates, researchers, professionals and policy makers working in the transport industry.

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.

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