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Aviation and the Airline Industry Airline Business in the 21st Century The Airline Business in the Twenty-first Century The Airline Industry and the Impact of Deregulation The Global Airline Industry Aviation Systems Air Transport Management Aviation and the Airline Industry Labor Relations in the Aviation and Aerospace Industries Air Navigation Law Labor Relations in the Aviation and Aerospace Industries Air Transport in the 21st Century The Global Commercial Aviation Industry Aviation Systems Aircraft Technology Introduction to Air Transport Economics Fiscal Aspects of Aviation Management Automated Systems in the Aviation and Aerospace Industries Introduction to Aviation Management Corporate Governance, Sustainability, and Information Systems in the Aviation Sector, Volume I Strategic Management in the Aviation Industry Digitalization and the Impacts of COVID-19 on the Aviation Industry Aviation Insecurity Aviation and Its Management Strategic Alliances in the Aviation Industry The Flight of the Century Commercial Aviation in the Jet Era and the Systems that Make it Possible Management in the Airline Industry Aviation Trends in the New Millennium Commercial Aviation Safety Ethical Issues in Aviation Sustainable Aviation The Evolution of the Airline Industry Confronting Mistakes The Just Culture Principles in Aviation Law Introduction to Air Transport Economics Squawk 7700 Milestones of Flight Indian Aircraft Industry: Possible Invention for Success in the Twenty First Century Safety Last

Aviation and the Airline Industry 2020-03-18 safety first a highly esteemed term at risk jan arwed richter jacdec professional safety data research hamburg germany airline efficiency in asia following liberalization of international air transport muhammad asraf abdullah nurulhuda mohd satar and james peoples department of economics universiti malaysia sarawak kota samarahan malaysia and others the accommodation of the a380 at athens international airport stergios topouris caterpillar uk ltd a preliminary study on aviation and maritime emitted greenhouse gases in greece panagiotis meimaris evangelia apostolou and vaia anyfanti p3b orion middle life upgrade programme hellenic aerospace industry athens greece and others airliners and high speed rail a bold approach in unlocking greece s potential apollon b kounis and leo d kounis department of civil protection dionysos greece and others the re emergence of seaplanes in greece an overview vasileios marios kafasis maintenance department aegean airlines greece the aviation industry in cyprus policies strategies and trends costas hailis aerocandia aviation services larnaca cyprus

Airline Business in the 21st Century 2005-06-28 this book focuses on the major issues that will affect the airline industry in this new millennium it tells of an industry working on low margins and of cut throat competition resulting from open skies among the issues discussed are the low cost airline the impact of electronic commerce the debate on global airline alliances privatizing state owned airlines the creation of a trans atlantic common aviation area most importantly the book carefully analyzes the strategies that are needed for airlines to succeed in the twenty first century this is essential reading for anyone interested in aviation

The Airline Business in the Twenty-first Century 2001 this book will be useful for those working in the airline industry and for students

The Airline Industry and the Impact of Deregulation

2017-03-02 in the fast changing theatre of air transportation the strategic development of airlines and the operating economics of scheduled airline services have been transformed following the profound impact of us deregulation the lessons gleaned from the us experience including effective ways of constraining rivals have quickly been adopted by carriers

facing the opening up to competition of their own local markets in addition in response to the hunt by the successful us survivors for further international traffic carriers have been forced to emulate certain tactics adopted by these megacarriers virtually irrespective of their own government's regulatory stance the economics of the sector particularly with regard to revenue generation has resulted in increased market concentration in the longer term prospects for competition remain unclear given the likely existence of only a small number of similarly endowed globally aligned megacarriers this book explores the impact of deregulation policies on key areas of the airline industry analyzes the response of incumbent carriers to economic freedom and examines whether or not it is possible to devise a pro competitive regulatory strategy for this sector the author provides the reader with a clear explanation as to why airline deregulation policies have produced a number of unanticipated outcomes why low cost new entrants have been unable to survive under deregulation why the impact of airline deregulation has differed between the usa and western europe using this analysis as a basis he explores the future development of the sector indicating the likely future trends towards globalization he also argues that a competitive marketplace is not a guaranteed outcome of full deregulation and suggests an alternative approach the book is of special interest to those members engaged in the airline industry regulatory authorities and government departments of transport and industry it will

The Global Airline Industry 2015-07-07 extensively revised and updated edition of the bestselling textbook provides an overview of recent global airline industry evolution and future challenges examines the perspectives of the many stakeholders in the global airline industry including airlines airports air traffic services governments labor unions in addition to passengers describes how these different players have contributed to the evolution of competition in the global airline industry and the implications for its future evolution includes many facets of the airline industry not covered elsewhere in any single book for example safety and security labor relations and environmental impacts of aviation highlights recent developments such as changing airline business models growth

of emerging airlines plans for modernizing air traffic management and opportunities offered by new information technologies for ticket distribution provides detailed data on airline performance and economics updated through 2013

Aviation Systems 2011-08-17 this book aims to provide comprehensive coverage of the field of air transportation giving attention to all major aspects such as aviation regulation economics management and strategy the book approaches aviation as an interrelated economic system and in so doing presents the big picture of aviation in the market economy it explains the linkages between domains such as politics society technology economy ecology regulation and how these influence each other examples of airports and airlines and case studies in each chapter support the application oriented approach students and researchers in business administration with a focus on the aviation industry as well as professionals in the industry looking to refresh or broaden their knowledge of the field will benefit from this book

Air Transport Management 2019-11-03 the aviation industry is a major driver of world trade as global markets and economies are constantly evolving practitioners and academics need more quality information and a broader perspective of aviation management rather than just silo based knowledge particularly if they wish to move up the management ladder and progress

air transport management presents the dynamic shifts which have influenced structural changes in the aviation industry such as the emergence of low cost carriers these changes have transformed the market leading to deregulation and consolidation the author provides a viable road map aimed at giving students and managers in the aviation industry a rigorous understanding on how to manage strategically in complex and turbulent market conditions

air transport management examines the airline industry structure in terms of entry barriers competition dynamics and competing business models with the inclusion of fascinating case studies this handbook assesses different business models used by international companies and proposes best fit management practices which airlines should follow in order to survive

Aviation and the Airline Industry 2020-01-29 this book aviation and the airline industry international perspectives on policies and practices presents a selected number of

international aviation specific cases with an emphasis being placed on greece as a number of investment opportunities arise and its economy is recovering from a nine year turmoil aviation has come a long way since its inception and is regarded as the safest mode of transport an achievement that has been built on accumulated experience the incorporation of redundant systems is aimed at eliminating potential failure causes indeed the introduction of sophisticated computers and cutting edge technology has led to a decrease in accidents per se the paper by j a richter though suggests that the safety first culture spearheaded by air carriers may be at risk market insighters claim that the aviation sector will continue to grow at a rate around 3 with the asia pacific area showing the highest increase the latter may be in part due to the introduction of policies that are fostering the role of market forces in the aviation industry the paper by m a abdullah et al using stochastic frontier analysis argues that production inefficiencies have occurred which may be the outcome of global competition and suggest that air carriers ought to adjust to a more competitive international market in anticipation of a constant rise in passenger numbers aircraft manufacturers boeing and airbus have opted for different approaches in terms of meeting anticipated market demands in doing so airbus introduced the double decker a380 aircraft with emirates being its main customer followed by the leading european flag carriers the marketing of the a380 has inadvertently affected airport service providers regulatory bodies and air carriers as greece is at the crossroads of europe asia and the middle east author s topouris examines the possibility of the new athens international airport aia to serve as an a380 scheduled airport athens international airport is the successor of the former hellinikon airport which terminated operations on march 28th 2001 as it had reached its saturation point owing to greece s geographical particularities and the numerous scattered islands aircraft and vessels are the primary modes of transport showing an increased trend the study by p meimaris et al provide preliminary data pertaining to the amount of emitted greenhouse gases ghg from civil aircraft flying within hellenic air space has this work equally acknowledges the effect of wildfires in amplifying the percentage of ghgs within a region greece s geostrategic location amidst the

crossroads of europe asia africa and the middle east is facilitating a higher amount of passenger and freight movements to a number of european metropolises the cities of athens and piraeus act as european gateways for both air carriers and maritime companies respectively acknowledging europe s white paper on transport this work introduces a bold approach of minimizing greenhouse gases by turning part of greece s railway system into a high speed network which is deemed to augment its economy in the long term the work by v m kafasis elaborates on the emerging opportunities in greece s aviation industry resulting from the introduction of law 4568 2018 pertaining to the licensing operation and utilization of waterdromes the development and operation of seaplanes is expected to offer a flexible alternative which in turn may foster inter connectivity and enhance remote area accessibility while improving financial performance indicators the successive european air liberalisation acts inadvertently affected a number of european flag carriers the 2008 financial crisis that spread across europe had a profound impact on cypriot economy in particular during the 2011 2012 period author c hailis discusses the effect of the financial crisis in cyprus aviation market while providing an insight on cyprus airways

Labor Relations in the Aviation and Aerospace Industries

2012-04-11 this study guide is designed to be used with the textbook labor relations in the aviation and aerospace industries it is intended to assist students in comprehending basic terminology and principles of labor relations and the law to relate those principles to unique features of the aviation and aerospace industry and to prepare for the kinds of labor relations related decisions students will soon be making as aviation professionals whether in private or public sector employment it includes review questions online assignments supplemental readings and exercises

Air Navigation Law 2012-03-05 the aviation community in which the international civil aviation organization icao the international air transport association iata and the civil air navigation services organization canso play leading roles is hard at work in bringing aviation into the 21st century in doing so the united states and europe have taken proactive steps forward in introducing modernization particularly in moving towards more efficient air traffic management systems

within nextgen and sesar elsewhere in the fields of personnel licensing rules of the air accident investigation and aeronautical charts and information significant strides are being made in moving from mere regulation to implementation and assistance calculated to make all icao member states self sufficient in international civil aviation however these objectives can be achieved only if the aviation industry has a sustained understanding of the legal and regulatory principles applying to the various areas of air navigation this book provides that discussion some of the subjects discussed in this book are sovereignty in airspace flight information and air defence identification zones rules of the air personnel licensing meteorological services operations of aircraft air traffic services accident and incident investigation aerodromes efficiency aspects of aviation and environmental protection aeronautical charts and information the carriage of dangerous goods and nextgen and sesar except for nextgen and sesar these subjects form the titles of the annexes to the chicago convention that particularly involve the rights and liabilities of the key players involved in air navigation

Labor Relations in the Aviation and Aerospace Industries

2012-03-08 in this textbook designed for courses on aviation labor relations the authors experts with many years of experience in these sectors examine and evaluate the labor process for all aspects of the aviation and aerospace industries including aerospace manufacturing airlines general aviation federal and state administrative agencies and public airports divided into three parts public policy and labor law principles practices and procedures in collective bargaining and dispute resolution and the changing labor relations environment the book provides an overview of the industries and the development of us labor law and policy then explores the statutory regulatory and case laws applicable to each industry segment before concluding with an examination of current and developing issues and trends the authors present the evolution of aviation and aerospace labor laws going as far back as the early nineteenth century to lay the historical foundation and cover the development and main features of the principal statutes governing labor relations in the united states today the railway labor act the national labor relations act and the civil service reform act they

also investigate the growth of the industries and their impact on labor relations as well as the current issues and challenges facing management and labor in each segment of this dynamic sometimes volatile business and their implications for collective bargaining twenty case studies not only illuminate practical applications of such fundamental concepts as unfair labor practices and unions duty of fair representation but also enliven the subject preparing the reader to use the concepts in real world decision making a study guide with review questions online assignments supplemental readings and exercises is available for students for those teachers using the textbook in their courses there is an instructor s manual with additional resources for developing courses in the classroom online or by blended learning as well as a variety of assignments and materials to enhance and vary the mock negotiation exercise a revision and expansion of robert w kaps s air transport labor relations this outstanding new volume provides students and teachers with valuable information and perspectives on industries that are highly dependent on technologically skilled labor labor relations in the aviation and aerospace industries offers a sweeping and thorough treatment of labor relations public policy law and practice and is the definitive work on the labor process in the aviation and aerospace sectors

Air Transport in the 21st Century 2016-12-05 airlines are buffeted by fluctuating political and economic landscapes ever changing competition technology developments globalization increasing deregulation and evolving customer requirements as a consequence all sectors of the air transport industry are in a constant state of flux the principle aim of this book is to review current trends in the airline industry and its related suppliers thereby providing an insight into the forces that are changing its dynamics the factors that are reshaping the structure of the industry are examined with a view to identifying the key issues whose impact will be critical in the future the book features two very distinct sections the first contains short contributions from industry executives at ceo vp level from airlines aircraft engine manufacturers safety and navigational provider organisations who have set out their take of where the airline industry is heading this commercial input sets

the scene for the book and provides the bridge to the second section which is composed of 18 chapters written by distinguished academic authors each chapter presents a valuable insight into a specific area of the air transport industry including airlines airports cargo deregulation the environment navigation strategy information technology security and tourism the shared objective of the authors is to describe and explain the core competencies that are determining the current shape of the industry and to examine the forces that will change its direction going forward the book is written in a management style and will appeal to all levels of personnel who work for airlines across the world it is also written for airport authorities aerospace manufacturers regulatory and government transportation agencies researchers and students of aviation management transport studies tourism and the wider air transport industry

The Global Commercial Aviation Industry 2015-07-16 this book provides a state of the art overview of the changes and development of the civil international aircraft aviation industry it offers a fully up to date account of the international developments and structure in the aircraft and aviation industries from a number of perspectives which include economic geographical political and technological points of view the aircraft industry is characterized by very complex high technology products produced in relatively small quantities the high technology requirements necessitate a high level of r d in no other industry is it more of inter dependence and cross fertilisation of advanced technology consequently most of the world s large aircraft companies and technology leaders have been located in europe and north america during the last few decades many developing countries have tried to build up an internationally competitive aircraft industry the authors study a number of important issues including the political economy of the aircraft industry globalization in this industry innovation newly industrializing economies and the aircraft industry this book also explores regional and large aircraft transformation of the aviation industry in central and eastern europe including engines airlines airports and airline safety it will be of great value to students and to researchers seeking information on the aircraft industry and its development in

different regions

Aviation Systems 2021-10-13 this book provides an overview of the aviation sector by focusing on all major aspects embedded in the environment subsystems and the market of aviation the book explains the linkages between subsystems politics society technology economy environment and regulation and how these subsystems influence each other and the market the book starts by describing the aviation system then focuses on the supply side and the demand side of the system and in a final part focuses on steering and controlling the system of aviation from a managerial economic and regulatory perspective examples and case studies of airports airlines and the production industry in each chapter support the application oriented approach the summary and review questions help the reader to understand the focus and main messages of each chapter students and researchers in business administration with a focus on aviation as well as professionals in the industry looking to refresh or broaden their knowledge in the field will benefit from this book

Aircraft Technology 2018-09-12 it is well known that improvements in space and aviation are the leader of today's technology and the aircraft is the most important product of aviation because of this fact the books on aircraft are always at the center of interest in most cases technologies designed for the aerospace industry are rapidly extending into other areas for example although composite materials are developed for the aerospace industry these materials are not often used in aircraft however composite materials are utilized significantly in many different sectors such as automotive marine and civil engineering and materials science in aviation reliability and efficiency in aircraft technology have a major importance in aircraft design

Introduction to Air Transport Economics 2013-02-28 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

Fiscal Aspects of Aviation Management 2000 although introductions to courses in finance exist for a variety of fields robert w kaps provides the first text to address the subject from an aviation viewpoint relying on his vast experience twenty plus years in the airline industry and more than thirty years in aviation kaps seeks not only to prepare students for careers in the aviation field but also to evoke in these students an excitement about the business specifically he shows students how airlines airports and aviation are financed each chapter contains examples and illustrations and ends with suggested readings and references following his discussion of financial management and accounting procedures kaps turns to financial management and sources of financial information here he discusses types of business organizations corporate goals business ethics maximizing share price and sources of financial information kaps also covers debt markets financial statements air transport sector revenue generation and air transport operating cost management including cost administration and labor costs fuel and landing fees and rentals he describes in depth air transport yield management systems and airport financing including revenues ownership operations revenue

generation funding allocation of air improvement program funds bonds and passenger facility charges kops concludes with a discussion of the preparation of a business plan which includes advice about starting and running a business he also provides two typical business plan outlines while the elements of fiscal management in aviation follow generally accepted accounting principles many nuances are germane only to the airline industry kops provides a basic understanding of the principles that are applicable throughout the airline industry

Automated Systems in the Aviation and Aerospace Industries

2019-03-22 air traffic controllers need advanced information and automated systems to provide a safe environment for everyone traveling by plane one of the primary challenges in developing training for automated systems is to determine how much a trainee will need to know about the underlying technologies to use automation safely and efficiently to ensure safety and success task analysis techniques should be used as the basis of the design for training in automated systems in the aviation and aerospace industries automated systems in the aviation and aerospace industries is a pivotal reference source that provides vital research on the application of underlying technologies used to enforce automation safety and efficiency while highlighting topics such as expert systems text mining and human machine interface this publication explores the concept of constructing navigation algorithms based on the use of video information and the methods of the estimation of the availability and accuracy parameters of satellite navigation this book is ideal for aviation professionals researchers and managers seeking current research on information technology used to reduce the risk involved in aviation

Introduction to Aviation Management 2010 this volume provides an introduction to aviation management covering all major actors and processes the fundamental structures and the economic and regulatory background of the industry it comprises contributions from experienced practitioners of the aviation industry and from scholars in that field

Corporate Governance, Sustainability, and Information Systems in the Aviation Sector, Volume I 2022-10-26 this book delves into corporate governance sustainability and information systems related to the aviation sector due to globalization

and rise in cross border business the aviation sector has become an essential means of transport however the industry has tremendous impact on social economic and natural environments and carries significant risks the book explores such issues plaguing the aviation sector under three key areas csr and sustainability information systems and risk management and corporate governance and accountability in the airline industry the book concludes with an analysis of the impact of covid 19 crisis on the industry and ways to respond and recover from the effects of the pandemic

Strategic Management in the Aviation Industry 2017-05-16 this book provides a comprehensive overview of current strategic challenges and measures required to meet those challenges in a dynamic industry experts from aviation practice and management in addition to acknowledged scholars contribute to this volume and combine academic expertise with economic and business perspectives in an unprecedented way for the aviation field the focus is not restricted to passenger airlines the five parts of the book additionally include chapters on alliance management and formation strategic issues for air freight carriers and airport companies as well as impacts the airline industry exerts on its environment the book combines both concepts and results from recent academic research with applications and case studies from major industry players readership includes academics students on advanced aviation courses senior aviation professionals in airline airport and supplier companies international organizations and governmental agencies

Digitalization and the Impacts of COVID-19 on the Aviation Industry 2022-04-08 in the 21st century digital technologies have become an indispensable part of our lives due to the speed and convenience they provide the digitalization trend has accelerated after the initial outbreak of the covid 19 pandemic many businesses are taking measures to adapt and do business in a world where everything from teamwork teaching sales and customer service is done remotely aviation companies hit particularly hard by the pandemic due to huge declines in passenger and freight demand must focus on the use of digital technologies to regain organizational success digitalization and the impacts of covid 19 on the aviation industry presents the relationship between the aviation industry and digitalization it studies the effects of

digitalization and the covid 19 pandemic on the aviation industry this publication offers both empirical and theoretical information to analyze the future of the aviation industry covering topics such as aviation education corporate communication and marketing challenges this book is an essential resource for researchers academicians students and educators of higher education government officials leaders in the aviation industry marketing managers and communications specialists

Aviation Insecurity 2010-10-29 accurate comprehensive thought provoking beyond belief a long overdue inside look at a layered aviation security system plagued with misconception and vulnerabilities the reference bible for anyone looking to identify the flaws in the aviation security system captain stephen a luckey chairman national security committee air line pilots assoc int lthe terrorist devastating attacks of september 11 2001 did not succeed because they were so good but because the state of the u s aviation security system was so bad thomas lays out the cost of complacency and shows how remaining holes in aviation security can be plugged david evans editor air safety week packed with facts about the state of security or insecurity in aviation i would strongly encourage everyone involved with the aviation industry to read this book fred ragsdale program director training national terrorism preparedness institute st petersburg collegethe events of september 11 compelled the american public to look at air travel as much more than merely another way of getting from point a to point b an industry that was previously viewed as a routine component of modern transport is now seen as both a vital national asset and a vulnerable security risk in this probing critique of aviation security since 9 11 andrew r thomas a globally recognized aviation security expert examines the recent overhaul of the national aviation security system despite the complete federal takeover of aviation security in november 2001 thomas notes many continuing problems including millions of passenger bags that are still not screened or matched the unresolved problem of air rage and unruly passenger behavior the forgotten chasm of air cargo which remains largely unchecked due to inadequate resources and lax standards the hiring of high risk employees and the failure to secure critical areas in many of our nation s airports thomas also considers many of

the proposed solutions to these vulnerabilities biometrics profiling air marshals bomb detection devices and smart technology that links reservations systems to private and government databases how practical are these proposals will they work what will they cost how much time will be needed to implement any or all of them in light of the restructuring of airline security what new roles will be played by the airline industry government airports and the transportation security administration thomas s thorough analysis and command of all the facts create an enlightening overview of the airline security dilemma and its numerous formidable challenges finally he considers the future outlining a strategic approach for government and industry to meet new and existing threats while continuing to serve the public in an efficient manner andrew r thomas brecksville oh coauthor of air rage crisis in the skies is a global business expert aviation security analyst founding editor of the journal of transportation security editor of the 3 volume set aviation security management in the 21st century and author he is a frequent contributor to the fox news channel and has appeared on more than 150 television and radio programs across the country including the o reilly factor on the record with greta van susteren and court tv he currently serves on the graduate faculties of cleveland state university and myers university for more information see aviationinsecurity.com

Aviation and Its Management 2019-05-22 aviation has grown leaps and bounds within the last decade aviation courses and training at all levels have shown an exponential increase around the globe there has been a restricted focus on writing books in this sector of the economy mainly due to the shortage of expertise in this specialist and complex area this book was written with the purpose of meeting this need of the aviation sector due to the diversified nature of aviation knowledge which includes flying engineering airports allied trades for aircraft and airports airline and airport management and operations education etc one text alone will not suffice and do justice to address all these areas it is envisaged to develop subsequent parts of this book to cover all these knowledge areas this book is the first installment of any subsequent books and explores issues including airline management and operations airline business models airport systems flight operational procedures aircraft maintenance

runway safety management systems and air traffic management in particular attention will be given to aspects such as analysis of air traffic in a domestic market runway safety management systems critical success factors for multiple mro service providers key pain points of the industry to be addressed to move into the future new research on hub airports for international flights new business models for airlines and runway safety management systems this book is useful to aviation managers educators students and professionals interested in any of the above issues

Strategic Alliances in the Aviation Industry 2008-12-09

bachelor thesis from the year 2008 in the subject business economics business management corporate governance grade 1 9 european business school international university schloß reichartshausen oestrich winkel chair of strategic aviation management course bacheloarbeit 62 entries in the bibliography language english abstract companies are just beginning to learn what nations have always known in a complex uncertain world filled with dangerous opponents it is best not to go it alone ohmae 1989 p 143 this statement emphasises the significant developments in firms corporate strategy in the 1980s as a response to the rise of globalisation and thus increased competition companies throughout the world started collaborating with partners with interfirm cooperation their cooperative practices though were not equally relevant in all branches but concentrated mainly on industries that were affected most by the in creasing environmental dynamic and complexity therefore firms in various industries such as the automotive or telecommunication industry established alliances with their competitors in order to stay competitive and to jointly expand into world markets however the aviation industry in particular has experienced downright alliance frenzy since that time with the gradual liberalisation of international air transport collabora tions between carriers have steadily gained importance therefore airline alliances have developed from purely horizontal links into more complex and integrated strategic alliances these strategic alliances have been established mainly to bypass existing regula tory restrictions and to adapt to customers altered preferences by extending the airlines networks however with the incidents that occurred during the first years of the 21st century such

as the terrorist acts of 9 11 partner airlines were forced to react to the changed external conditions this development highlights the high dependence of air lines and their strategic behaviour on the external environment therefore this thesis aims to analyse the external conditions that persuaded the airlines to align in complex strategic alliances and how these factors influenced their objectives furthermore the thesis reveals the extent to which the changes in the external environment have induced a reorientation in the airlines alliance strategy

The Flight of the Century 2010-07-20 in late may 1927 an inexperienced and unassuming 25 year old air mail pilot from rural minnesota stunned the world by making the first non stop transatlantic flight a spectacular feat of individual daring and collective technological accomplishment charles lindbergh s flight from new york to paris ushered in america s age of commercial aviation in the flight of the century thomas kessner takes a fresh look at one of america s greatest moments explaining how what was essentially a publicity stunt became a turning point in history he vividly recreates the flight itself and the euphoric reaction to it on both sides of the atlantic and argues that lindbergh s amazing feat occurred just when the world still struggling with the disillusionment of wwi desperately needed a hero to restore a sense of optimism and innocence kessner also shows how new forms of mass media made lindbergh into the most famous international celebrity of his time casting him in the role of a humble yet dashing american hero of rural origins and traditional values much has been made of lindbergh s personal integrity and his refusal to cash in on his fame but kessner reveals that lindbergh was closely allied with and managed by a group of powerful businessmen harry guggenheim dwight morrow and henry breckenridge chief among them who sought to exploit aviation for mass transport and massive profits their efforts paid off as commercial air traffic soared from 6 000 passengers in 1926 to 173 000 passengers in 1929 kessner s book is the first to fully explore lindbergh s central role in promoting the airline industry the rise of which has influenced everything from where we live to how we wage war and do business the flight of the century sheds new light on one of america s fascinatingly enigmatic heroes and most transformative moments

Commercial Aviation in the Jet Era and the Systems that Make it Possible

2019-07-23 this book discusses the multiple systems that make commercial jet travel safe and convenient the author starts by tracing the evolution of commercial jets from the boeing 707 to the double decker airbus a380 the next 7 chapters discuss flight controls along with the high lift surfaces flaps and slats that are essential to allow high speed low drag aircraft to take off and land the other systems include engines nacelles cabin pressurization and air conditioning systems landing gear and brakes fuel systems instruments sensors and finally deicing systems for the wings nacelles and external air speed sensors case studies describe a significant accident that arose from a failure in the various systems described the final chapter summarizes the past 60 years of jet travel and describe how these systems have created a cheaper safer mode of travel than any other

Management in the Airline Industry 2014-05-16 civil aviation pilots present a peculiar challenge for management as they wield considerable industrial power based on original research this book examines the impact of human resource management on airline pilots in recent years

Aviation Trends in the New Millennium 2017-03-02 this timely and authoritative book addresses the commercial and liability issues following commercial aviation into and beyond the year 2000

Commercial Aviation Safety 2001-05-10 an overview of airline industry safety statistics standards and mandates covers faa regulatory structure development of technologies management roles air transport safety measurement methods and more includes tables relating to commercial aviation accident statistics new chapter on aviation security

Ethical Issues in Aviation 2016-05-13 applied ethics has been gaining wide attention in a variety of curriculums and there is growing awareness of the need for ethical training in general well publicized ethical problems such as the challenger disaster the ford pinto case and the collapse of corporations such as enron have highlighted the need to rethink the role of ethics in the workplace the concept of applied ethics originated in medicine with a groundbreaking book published in 1979 business ethics books began to appear in the 1980s with engineering ethics following in the 1990s this volume now opens up a new area of applied ethics

comprehensively addressing the ethical issues confronting the civil aviation industry aviation is unique in two major ways firstly it has a long history of government regulations and secondly its primary focus is the safety of its passengers and crew for decades commercial aviation was viewed in the same manner as public utilities and thus it was highly regulated by the government since the deregulation act of 1978 aviation has been viewed as any other business while other experts continue to believe that the sudden switch to deregulation has caused problems especially since many airlines were unprepared for the change ethical issues in aviation focuses on current concerns and trends to reflect the changes that have occurred in this deregulated era the book provides the reader with an overview of the major themes in civil aviation ethics it begins with theoretical frameworks followed by sections on the business side of aviation employee responsibility diversity in aviation ground issues regarding airports air traffic control and security as well as health and the environment the contributors to the volume include both academics doing research in the field as well as professionals who provide accounts of the ethical situations that arise in the workplace

Sustainable Aviation 2019-10-08 this book highlights the latest research in the field of sustainable aviation in recent decades there have been considerable improvements in aircraft efficiency and noise reduction however with the demand for both passenger and freight transportation expected to increase significantly in future years the aviation sector is becoming a growing source of environmental problems and a major contributor to global warming focusing on the need to address this mounting problem this book discusses important new trends and outlines likely future developments in carbon emission reduction carbon trading and the impact of emerging technologies as well as social legal and regulatory changes as they pertain to the aviation sector the book offers an invaluable reference guide for practitioners regulators academics and students alike in fields ranging from business and engineering to the social sciences it can be used as a textbook and will benefit anyone interested in the future of aviation and our planet

The Evolution of the Airline Industry 2010-12-01 since the enactment of the airline deregulation act in 1978 questions

that had been at the heart of the ongoing debate about the industry for eighty years gained a new intensity is there enough competition among airlines to ensure that passengers do not pay excessive fares can an unregulated airline industry be profitable is air travel safe while economic regulation provided a certain stability for both passengers and the industry deregulation changed everything a new fare structure emerged travelers faced a variety of fares and travel restrictions and the offerings changed frequently in the last fifteen years the airline industry's earnings have fluctuated wildly new carriers entered the industry but several declared bankruptcy and eastern pan am and midway were liquidated as financial pressures mounted fears have arisen that air safety is being compromised by carriers who cut costs by skimping on maintenance and hiring inexperienced pilots deregulation itself became an issue with many critics calling for a return to some form of regulation in this book steven a morrison and clifford winston assert that all too often public discussion of the issues of airline competition profitability and safety take place without a firm understanding of the facts the policy recommendations that emerge frequently ignore the long run evolution of the industry and its capacity to solve its own problems this book provides a comprehensive profile of the industry as it has evolved both before and since deregulation the authors identify the problems the industry faces assess their severity and their underlying causes and indicate whether government policy can play an effective role in improving performance they also develop a basis for understanding the industry's evolution and how the industry will eventually adapt to the unregulated economic environment morrison and winston maintain that although the airline industry has not reached long run equilibrium its evolution is proceeding in a positive direction one that will preserve and possibly enhance the benefits of deregulation to travelers and carriers they conclude that the federal government's primary policy objective should be to expand the benefits from unregulated market forces to international travel brookings review article also available

Confronting Mistakes 2013-08-13 in most organizations errors although common and unavoidable are rarely mentioned bottom up using this example of the high risk aviation industry this

book assess how active error management can work and lead to success using academic research and 10 actual aviation accidents cases this book will provide compelling and informative reading

The Just Culture Principles in Aviation Law 2019-09-09 this book reviews and critically analyzes the current legal framework with regard to a more just culture for the aviation sector this new culture is intended to protect front line operators in particular controllers and pilots from legal action except in the case of willful misconduct or gross negligence by creating suitable laws regulations and standards in this regard it is essential to have an environment in which all incidents are reported moving away from fears of criminalization the approach taken until now has been to seek out human errors and identify the individuals responsible this punitive approach does not solve the problem because frequently the system itself is also at fault introducing the framework of a just culture could ensure balanced accountability for both individuals and complex organizations responsible for improving safety both aviation safety and justice administration would benefit from this carefully established equilibrium

Introduction to Air Transport Economics 2008 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

Squawk 7700 2010-08-27 experience the history of flight with the world class aviation collection at the smithsonian s national air and space museum which attracts millions and millions of visitors each year in washington d c from the moment the wright brothers first took flight in 1903 to the modern day reliance on stealth aircraft and drones there have been significant advances made in aviation milestones of flight celebrates each era of advancements by showcasing the smithsonian national air and space museum s world class aircraft collection authored by dr robert van der linden a leading expert on aviation and chairman of the aeronautics department at the nasm this book is a stunning profile of the advancements in flight from decade to decade illustrated with beautiful large scale photography and enhanced with little known facts anecdotes and insights from major players in the aviation industry climb inside the cockpit of the spirit of st louis that charles lindbergh piloted solo across the atlantic ocean making history contrast that with a boeing b 29 superfortress the first aircraft to drop an atomic bomb the full page photos of each milestone making aircraft are accompanied by timelines to showcase related aircraft as well as sidebars with interesting and little known facts stories and related research milestone categories include era of early flight world war i first fighters long range record setting flight popular flight first commercial airliners world war ii aircraft experimental flight cold war military korean conflict aircraft commercial jets modern military aircraft what will the next milestone be

Milestones of Flight 2016-05-15 india s aircraft industry despite having been formed as early as in december 1940 has been unable to meet the equipment needs of the aviation users whether military or civil in the country as a consequence india imports all its aircraft needs from abroad this situation needs to change this book starts from an examination of the importance of aviation to the country both for military as well as or civil purposes from here it goes on to trace the development of aviation in india then the book examines the indian aircraft industry from studying the aircraft projects carried out by india from these aircraft projects lessons and learning have been culled for use later in the book thereafter there are case studies carried out of

the two leading airpower capability countries the usa and erstwhile soviet union russia there are also case studies of brazil and china as these two countries were behind india in aviation in the 1950s but are globally competitive today unlike india the lessons and learning from the case studies are compiled and then used finally to develop possible models that could help make india s aircraft industry globally competitive

Indian Aircraft Industry: Possible Invention for Success in the Twenty First Century 2017-09-15 this is the republished version the original version was published in 1972 this version does not contain additional or new information the author of this eye opening expose is a scheduled jet airline captain as well as a fighter pilot in the air force reserve with twenty years of professional flying experience writing from the standpoint of a view of a pilot he covers every aspect of commercial aviation and brings the reader to the conclusion that it is a much more perilous means of transportation than generally suspected you will learn how poorly equipped most of our airports are how the airlines write their own safety regulations and then succeed in evading even those requirements you will find out what goes on on the flight deck and the dangers inherent in even the most routine shuttle flights the author examines crash investigations he take you on spine tingling reconstructions of disasters you probably read about and he reveals the often shocking truth of what really went wrong as opposed to what you may have read in the papers safety last by captain brian power waters courageously describes real life in the airline industry and sounds the alarm for urgently needed reforms it documents the abysmal performance of the federal aviation administration in enforcing air safety standards and the shocking insensitivity of many airline officials this book should be read by any airline passenger executive regulator or legislator who is concerned about protecting human life and safety in air travel reuben robertson iii director of the aviation consumer action project and aide to ralph nader captain power waters unloads his list of complaints against commercial aviation without hedging and draws a frightening picture of chaos carelessness and petty internecine warfare within the industry the literate air traveler who gets his hands on this book may want to swear off forever captain

power waters hits with authority publishers weekly
fortunately most of the flying public is unaware that many in
airline management place a greater emphasis on making profits
than on adhering to safety regulations i compliment you on
providing us with a damn fine insight into many of the
problems which have been either overlooked or purposely
evaded i strongly concur in your book s closing observation
that the real key to airline safety must be through a better
utilization of the expertise of the pilot and the controller
who know flying best these men are indebted to you for your
daring to buck the tide and call it as you see it from a
letter to captain power waters from john f leyden president
professional air traffic controllers organization safety last
is a fascinating and sobering journey into the realities of
commercial aviation it vividly describes the hazards of non
professionalism in our industry the reader will also see the
critical importance of professional aircraft maintenance
along with the need for a more imaginative and aggressive faa
establishment captain power waters has courageously assailed
the faa approved minimum equipment list and exposed it for
what it is a killer of airline passengers james douglas
sparling director safety and standards aircraft mechanics
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1972 there are no new updates in this version

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