

Air Cargo Management Air Freight And The Global Supply Chain

Air cargo is a key element of the global supply chain. It allows outsourcing of manufacturing to other countries and links production in both multinational and smaller enterprises. It has also been the most important driver of certain export industries in countries such as South Africa, Kenya and Chile. As a component of the air transport industry, air cargo makes the crucial difference between profit and loss on many long-haul routes. For some network combination carriers it accounts for up to half of total tonne-kms flown, and as much as one quarter of total revenue. In addition, the integrated carriers such as DHL, FedEx and TNT have their own fleets of dedicated freighter aircraft, and cargo aircraft operators like Cargolux and Nippon Cargo have a specialist role in the industry. Featuring expert analysis and worked examples to enhance understanding, *Moving Boxes by Air* by Peter Morrell offers a comprehensive and up-to-date guide to the business

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and practices of air cargo, with a chapter dedicated to each key issue, such as: current trends, market characteristics, regulation, airport terminal operations, pricing and revenues, and environmental impacts. Air transport in the Asia Pacific has undergone significant transformation in the last three decades. What was once a region in the shadow of larger and more prosperous continents such as North America and Europe is now at the forefront of expansion in commercial air-service networks, frequency and capacity, and the overall growth in the contribution of air transport to economies on regional and, in many cases, individual country levels. Despite this, it represents an area that is generally under-represented in the commercial air-transport academic literature. Air Transport in the Asia Pacific seeks to fill this gap. Against this context, the aim of the volume is to offer a contemporary snapshot of current academic research into commercial air transport in the Asia Pacific. While one volume cannot realistically address the complete

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range of identifiable issues, this book provides timely, specific and research-based studies authored by leading academics and practitioners.

Now in its sixth edition, *Air Transportation* by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management. In addition to explaining the fundamentals, this book now takes the reader to the leading edge of the discipline, using past and present trends to forecast future challenges the industry may face and encouraging the reader to really think about the decisions a manager implements. The Sixth Edition contains updated material on airline passenger marketing, labor relations, financing and heightened security precautions. Arranged in sharply focused parts and accessible sections, the exposition is clear and reader-friendly. *Air Transportation* is suitable for almost all aviation programs that feature business and management, modular courses and distance learning programmes, or for self-directed study

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and continuing personal professional development.

Air Transportation: A Management Perspective by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management. In addition to explaining the fundamentals, the book transports the reader to the leading edge of the discipline, using past and present trends to forecast future challenges and opportunities the industry may face, encouraging the reader to really think about the decisions a manager implements. Written in an easy-to-read, easy-to-understand style, the Eighth Edition modernizes the text focusing on newly emerging management trends, innovative technology, and an increased emphasis on global changes in the industry that will change the future of aviation. New and updated material has been added throughout the text including mini case examples and supplemental presentation materials for each chapter. Air Transportation: A Management Perspective is suitable for almost all

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aviation programs that feature business and management. Its student-friendly structure and style make it highly suitable for modular courses and distance-learning programs, or for self-directed study and continuing personal professional development.

Regulatory Reform in Air Cargo Transportation

Routledge Library Editions: Transport Economics

Unternehmensübergreifende Systeme in der See- und Luftfracht

Risk Management in the Air Cargo Industry

The Economics of International Air Cargo

Air Cargo and Logistics: Classics and Contemporary Practice presents a thorough and detailed analysis of the most relevant research and literature related to the industry. The book examines critical management practices and business models, synthesizing findings from more than 40 journal articles. Topics reflect traditional management issues, such as pricing and economic deregulation, along with more contemporary issues, such as the environment, sustainability, security and air cargo alliances. Each chapter breaks down studied literature and research, reviewing key concepts and

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their application to today's air cargo industry and presenting key terms, models and case studies related to the research. The book is ideal for readers of all levels, no matter their career level or stage of education. Researchers, academics, and practitioners, including air cargo airline employees, freight forwarders, integrators, consultants, financiers, airport management, and policymakers will find the comprehensive review of research a valuable reference on the topic. Focuses on air cargo and logistics and issues facing the industry Provides a detailed analysis on the leading research and literature on air cargo, making it accessible to researchers, academics, students and industry practitioners Features a comprehensive review of the key concepts, terms, selective case studies and models covered in leading air cargo research Presents insights into recent air cargo trends related to concepts featured in foundational literature and research Explains, in layman's terms, how key concepts can be applied to the industry's current challenges

Now in its Eighth Edition, *Air Transportation: A Management Perspective* by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management.

Air Cargo Management provides a comprehensive and lively overview of the air cargo industry, which is

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both economically and strategically important in the field of logistics, world trade and supply chain management. This new edition builds on the success of the previous edition, focusing on the role of air freight in the global supply chain, including areas such as: the main players in the industry; regulations and restrictions; and terrorism management. Updates to this edition include: the role of E-Commerce and its changing influence on the industry; a new chapter on crime, security and terrorism; updated case studies, and new contributors providing professional insight from the industry. Enriched throughout with international case studies and contributions from industry experts, Air Cargo Management provides a practical approach. It is the perfect companion for undergraduate students studying air logistics, transportation logistics, air cargo and supply chain management. Professionals and managers in the field will also find Sales' easy style and industry insights useful and applicable to their practice.

Why study air cargo? Consider that this sector moves only 2% of the global volume of goods but a huge 35% by value, reserved for the most costly and time-sensitive products. Air logistics is an economically and strategically important industry, and a rich source of opportunity for graduating students and logistics or SCM professionals. Get a head start in this vital part of your business with this

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comprehensive and lively overview. It's the only book available to focus on the role of air freight in the global supply chain. It includes a brief history; the functions of the various players in the industry (forwarders, airlines, airports, government agencies); regulations and restrictions; terrorism management. It details the benefits of air transport, and weighs them against its considerable environmental impact to explore the question of its sustainability. Finally, it considers the future of the industry in a dynamic and increasingly globalised world. Enriched throughout with real life case studies and contributions from global industry experts, this is a ground-level introduction with a practical approach: all the student or professional will need to get ahead in air logistics!

An Introduction to Airline Economics

An International Perspective

Air Cargo Management

Air Cargo and Logistics

Critical Issues in Air Transport Economics and Business

The rapid growth of the aviation industry, propelled by catalysts like Liberalization, Privatization and Globalization has in recent years given a major fillip to the global economy in terms of facilitating international trade, generating employment, foreign exchange earnings, and prosperity from tourism, industrial growth and technological development. The potential market for air transport has shown signs of a strong global resurgence, with the Asia Pacific

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region's performance far exceeding the world average growth&.with India and China being projected as the hottest growth sectors.The Indian aviation industry has shown impressive growth, contributing 1.0%, 8.0% and 69% share at the global, Asia Pacific and South Asian regional levels respectively. Key players such as Boeing, Airbus Industrie, ACI, IATA and ICAO envisage that India will touch 100 million passengers by 2010. Meanwhile, the Indian Government has responded suitably, inter alia by encouraging private sector participation in the development of the civil aviation sector. Over ten chapters, this informative book elucidates all the concepts fundamental to the management of air transport, illuminating the factors key to operational, infrastructural and public policy in the development of air transport.

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

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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. Online supporting resources include PowerPoints of lesson plans.

Making a detailed contribution to geographies of air transport and aeromobility, this book examines the practices and processes that produce particular patterns of air transport provision both regionally and globally. In so doing, it updates the seminal contributions of Eva Taylor (1945), Kenneth Sealy (1957), Brian Graham (1995) and others to the study of air transport geography. Leading scholars in the field offer a unique insight into the key developments that have occurred in the field and the implications that these developments have had for geography, geographers, and global patterns of past, present and future air transport. Although globalization and liberalization processes have greatly expanded the demand for air transport over the last two decades, the industry has experienced several major setbacks due to economic, security, and environmental concerns. Many of these impacts have been much more pronounced in some regions, such as North America and Europe while others, such as Asia-Pacific have not been as adversely affected. Accordingly, there is a clear need to examine these recent economic and geopolitical changes from a geographical perspective given the differentiated pattern of effects from global processes. Addressing this need, this volume opens with thematic chapters covering key topics such as the historical

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geographies, socio-cultural mobilities, environmental externalities, urban geographies, and sustainability of the global air transport industry, followed by regional analysis of the industry in Asia-Pacific, Latin America, Greater Middle East and Africa as well as North America and Europe.

Katrin Coleman befasst sich mit den Potenzialen und Herausforderungen unterschiedlicher Auftragsabwicklungssysteme in der Transportkette. Dabei steht die unternehmensübergreifende, systemseitige Einbindung im Fokus, also inwiefern IS-Technologien von den Akteuren in der Transportkette bei der Auftragsabwicklung eingesetzt werden, was beim Einsatz hinsichtlich der Prozesseffizienz verbessert werden kann und warum sich vorteilhafte IS-Technologien nur langsam durchsetzen. Hierzu wird die arbeitsteilige Abwicklung von Transportaufträgen mittels Experteninterviews und einer Simulationsstudie beleuchtet. Implikationen für Forschung und Praxis ergeben sich aus den betrachteten Perspektiven der See- und Luftfracht als auch aus den unternehmensinternen und -übergreifenden Erkenntnissen der anwendungsorientierten, empirischen Analyse.

Moving Boxes by Air

Strategic Management in the Aviation Industry

Air Cargo Distribution

Cross-country Evidence

A Management Perspective

In the airline industry, the formation of highly integrated strategic alliances started during the 1990's. Thereby, Star Alliance became the first global player when passenger airlines faced deregulation, and wanted to support their growth and expansion in international markets. For cargo companies, this type of integration came around

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later, namely in the beginning of 2000. As a result of the increased co-operation, major alliances were formed with the launch of SkyTeam Cargo and WOW. In the dawn of the new century, these alliances should lay the cornerstone for the achievement of a long term success through synergy effects, and higher competitiveness in terms of the individual and the group. A decade later, WOW and SkyTeam Cargo have evolved in different directions but, not all members or ex-members are pleased about the results. Strategic alliances in air transport have been studied widely but, most of the recent publications only cover the passenger side in this business. There are a lot of information and statements about the benefits that alliances can bring to its members. But, the review of the literature shows that research is very sparse when it comes down to the evaluation of the actual impact of alliance integration on air cargo carriers' standing. The objective of this book is to analyze and interpret the impact of a strategic alliance on cargo airlines' revenue-tonne-kilometres key figures (provided by Airline Business 1998-2010), and market share developments. The author's aim is on the one hand, to answer the question if air cargo operators did profit from alliance integration, and on the other hand, to give the reasons for this development. Besides, the book gives an overview about the market's environment, the characteristics of air freight, and the history of WOW and SkyTeam Cargo. Further, the additional questions are discussed in detail:

- How did carriers react to the challenges and opportunities in the market?
- What are the main benefits or disadvantages for alliance members?
- What major challenges do (prospective) members face in an alliance?
- What are the core arrangements and prerequisites for alliance integration?
- Is there a common success, are there stability factors and why do alliances fail?
- What alternatives are there to alliance formation

Trade and transport corridors are fundamental to the overland movement of international trade, particularly for landlocked countries. This book provides tools and techniques for the design of trade and transport corridor projects. It is meant for task managers,

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policy makers, and corridor service providers.

Provides an up-to-date overview of the air cargo industry. The forecast places the world's major air trade markets in perspective, summarizes major trends, & presents forecasts for the future performance & development of markets, as well as for anticipated freighter & combi airplane requirements. World economic uncertainty is the backdrop for this edition, which could mean extreme annual results in contrast to a 20-year forecast. This edition introduces a new chapter reporting on the CIS & Baltics. Forecast includes: significant world airline trends, overview & forecast; analysis by regions; & world freighter fleet. Glossary.

An economic analysis of the way in which the air transport industry operates and the nature of the policies that have been adopted to regulate the sector. The authors cover domestic and international air transportation with an emphasis on airlines.

The Air Logistics Handbook

Theory and Policy Implications

A Partial List of Offerings in Colleges and Universities

Transportation Costs and Costing, 1917-1973

An international perspective

Air Transport Management: An International Perspective provides in-depth instruction in the diverse and dynamic area of commercial air transport management. The 2nd edition has been extensively revised and updated to reflect the latest developments in the sector. The textbook includes both introductory reference material and more advanced content so as to provide a solid foundation in the core principles and practices of air transport management. This 2nd edition includes a new chapter on airline regulation and deregulation and new dedicated chapters focusing on aviation safety and aviation security. Four new contributors bring additional insights and expertise to the book. The

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2nd edition retains many of the key features of the 1st edition, including:

- **A clearly structured topic-based approach that provides information on key air transport management issues including: aviation law, economics; airport and airline management; finance; environmental impacts, human resource management; and marketing;**
- **Chapters authored by leading air transport academics and practitioners worldwide which provide an international perspective;**
- **Learning objectives and key points which provide a framework for learning;**
- **Boxed case studies and examples in each chapter;**
- **Keyword definitions and stop and think boxes to prompt reflection and aid understanding of key terms and concepts.**

Designed for undergraduate and postgraduate students studying aviation and business management degree programmes and industry practitioners seeking to expand their knowledge base, the book provides a single point of reference to the key legal, regulatory, strategic and operational concepts and processes that shape the form and function of the world's commercial air transport industry.

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

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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.

The book addresses all major aspects to be considered for the design and operation of aircrafts within the entire transportation chain. It provides the basic information about the legal environment, which defines the basic requirements for aircraft design and aircraft operation. The interactions between airport, air traffic management and the airlines are described. The market forecast methods and the aircraft development process are explained to understand the very complex and risky business of an aircraft manufacturer. The principles of flight physics as basis for aircraft design are presented and linked to the operational and legal aspects of air transport including all environmental impacts. The book is written for graduate students as well as for engineers and experts, who are working in aerospace industry, at airports or in the domain of transport and logistics.

Thoroughly revised to cover recent changes in the industry, this classic book continues to be the standard introduction to the economics of U.S. airlines.

The Economic Power of Freight Forwarders in the Air Freight Industry

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Trade and Transport Corridor Management Toolkit World Air Cargo Forecast, 1998-1999 Airline Freight and Cargo Management Air Transport Networks

This book takes a look at the critical issues facing the airline industry featuring contributions from key figures in Europe, the US and Asia. Elements for success and failure are discussed and material is offered for strategic thinking.

Commercial air transport is a global multimillion dollar industry that underpins the world economy and facilitates the movement of over 3 billion passengers and 50 million tonnes of air freight worldwide each year. With a clearly structured topic-based approach, this textbook presents readers with the key issues in air transport management, including: aviation law and regulation, economics, finance, airport and airline management, environmental considerations, human resource management and marketing. The book comprises carefully selected contributions from leading aviation scholars and industry professionals worldwide. To help students in their studies the book includes case studies, examples, learning objectives, keyword definitions and 'stop and think' boxes to

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prompt reflection and to aid understanding. Air Transport Management provides in-depth instruction for undergraduate and postgraduate students studying aviation and business management-related degrees. It also offers support to industry practitioners seeking to expand their knowledge base.

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

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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.

Dieses Buch beschreibt anhand zahlreicher Beispiele die gegenwärtigen Chancen und Risiken der Luftfracht vor dem Hintergrund stagnierender Transportmengen seit der Finanzkrise im Jahr 2008. Es zeigt, welche

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Auswirkungen diese Entwicklungen auf die Beteiligten haben, insbesondere auf Versender, Fluggesellschaften, Flughäfen und Spediteure. Die anwendungsorientierte Darstellung ermöglicht zudem einen Einblick in die Gestaltung komplexer Lieferketten und die Spannungsfelder, in denen sich die Akteure der Luftfracht bewegen.

**Air Transportation and Management Courses
Fundamentals of Air Transport Management
Air Transportation**

**WOW and SkyTeam Cargo: An In-depth
Analysis of Strategic Alliances for Air
Cargo Carriers and The Impact on Cargo
Airlines' Operations and Success
Strategic Management in the Airline
Industry**

This paper discusses risk management approaches in the air cargo industry. It gives a concise overview of developments, business practices and complexities of the air cargo industry and draws cross-references to comparable industries. It introduces supply contracts for capacity and the inherent risks in the shipping process. Based on that, approaches to mitigate risk are studied. The work elaborates on the historically grown research field of revenue management and puts emphasis on the discipline of overbooking in the air cargo sector.

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Capacity options and financial intermediation are presented as more innovative approaches for capacity risk management. The application of these various risk management methods is evaluated in an expert study among air cargo industry professionals from different market perspectives. With that, obstacles to the successful implementation are identified and potential solutions are named.

Now in its Seventh Edition, *Air Transportation: A Management Perspective* by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management.

Air traffic and the aviation industry have grown rapidly on the Chinese mainland in the two and a half decades since China's open door policy. Accession to the WTO will further stimulate trade and foreign direct investment (FDI), intensifying the demand for air cargo services. It will also open up the Chinese economy to foreign participation in the transportation and logistics sectors, making these sectors more competitive and efficient. This book provides a systematic and comprehensive study of China's air cargo industry as well as its policy evolution. It covers the sources and destinations of air cargo in mainland China and Hong Kong: whence it comes and where it goes to. The major hubs of

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the transportation network - Beijing, Shanghai, Hong Kong, and Guangzhou - are discussed one by one. The virtual aspects of the network at these hubs in terms of IT applications, preparedness, and needs are examined and compared. Though the subject matter of this book is air cargo, there is considerable coverage of the aviation industry and policy on the mainland and Hong Kong. Changes have been happening so fast there are few books and publications that cover them systematically and comprehensively. Readership includes business executives in airfreight companies, airports and airlines, logistics specialists, aviation university lecturers and students.

Air Transportation offers a distinct management angle which is unlike competing texts in this market. The text was conceived after deregulation of the airline industry and reflects evolving trends in marketing strategies and manufacturing. The text successfully integrates aviation and airline industry specific information with the presentation of broad management and economic principles.

Akteure – Prozesse – Märkte - Entwicklungen

Air Transport in the 21st Century

Key Strategic Developments

Air Transport System

The Geographies of Air Transport

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Now in its Seventh Edition, *Air Transportation: A Management Perspective* by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management. In addition to explaining the fundamentals, this book now takes the reader to the leading edge of the discipline, using past and present trends to forecast future challenges the industry may face and encouraging the reader to really think about the decisions a manager implements. The Seventh Edition brings the text right up to date with a new opening chapter, titled 'The Airline Industry: Trends, Challenges and Strategies', setting the context for all that follows within the book, and a new section within 'International Aviation' that explores the new airline business models. New and updated material has been added throughout the text and overall presents a more international perspective. Arranged in sharply focused parts and accessible sections, the exposition is clear and reader-friendly. *Air Transportation: A Management Perspective* is suitable for almost all aviation programs that feature business and management. Its student-friendly structure and style make it highly suitable for modular courses and distance-learning programmes, or for self-directed study and continuing personal professional development.

This set of previously out-of-print titles is an essential reference collection on the topic of transport economics. Providing in-depth analysis on a variety of aspects, including the economics of the airfreight, shipping and rail industries, it also examines the economics of road transport and more focused areas such as containerisation.

As an important industry, transportation costs account for a considerable percentage of the gross national product of countries. It is therefore key to have at the disposal of those concerned with transportation activities, a bibliographical literature on costs and costing. The bibliography lists books, papers, technical reports, journal articles, and information

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rarely found in books and dissertations.

The Routledge Companion to Air Transport Management provides a comprehensive, up-to-date review of air transport management research and literature. This exciting new handbook provides a unique repository of current knowledge and critical debate with an international focus, considering both developed and emerging markets, and covering key sectors of the air transport industry. The companion consists of 25 chapters that are written by 39 leading researchers, scholars and industry experts based at universities, research institutes, and air transport companies and organisations in 12 different countries in Africa, Asia-Pacific, Europe and North America to provide a definitive, trustworthy resource. The international team of contributors have proven experience of research and publication in their specialist areas, and contribute to this companion by drawing upon research published mainly in academic, industry and government sources. This seminal companion is a vital resource for researchers, scholars and students of air transport management. It is organised into three parts: current state of the air transport sectors (Part I); application of management disciplines to airlines and airports (Part II); and key selected themes (Part III).

Arbeitsteilige Auftragsabwicklung in der Transportkette

Classics and Contemporary Practice

Infrastructure, Competition Regimes, and Air Transport Costs

International Air Freight and Express Industry Performance Analysis 2006

The Routledge Companion to Air Transport Management