

Boeing Versus Airbus The Inside Story Of The Greatest International Competition In Business

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Quest for Flight - Gary B. Fogel 2012-10-11

The Wright brothers have long received the lion's share of credit for inventing the airplane. But a California scientist succeeded in flying gliders twenty years before the Wright's powered flights at Kitty Hawk in 1903. Quest for Flight reveals the amazing accomplishments of John J. Montgomery, a prolific inventor who piloted the glider he designed in 1883 in the first controlled flights of a heavier-than-air craft in the Western Hemisphere. Re-examining the history of American aviation, Craig S. Harwood and Gary B. Fogel present the story of human efforts to take to the skies. They show that history's nearly exclusive focus on two brothers resulted from a lengthy public campaign the Wrights waged to profit from their aeroplane patent and create a monopoly in aviation. Countering the aspersions cast on Montgomery and his work, Harwood and Fogel build a solidly documented case for Montgomery's pioneering role in aeronautical innovation. As a scientist researching the laws of flight, Montgomery invented basic methods of aircraft control and stability, refined his theories in aerodynamics over decades of research, and brought widespread attention to aviation by staging public demonstrations of his gliders. After his first flights near San Diego in the 1880s, his pursuit continued through a series of glider designs. These experiments culminated in 1905 with controlled flights in Northern California using tandem-wing Montgomery gliders launched from balloons. These flights reached the highest altitudes yet attained, demonstrated the effectiveness of Montgomery's designs, and helped change society's attitude toward what was considered "the impossible art" of aerial navigation. Inventors and aviators working west of the Mississippi at the turn of the twentieth century have not received the recognition they deserve. Harwood and Fogel place Montgomery's story and his exploits in the broader context of western aviation and science, shedding new light on the reasons that California was the epicenter of the American aviation industry from the very beginning.

Cold Dawn - John Newhouse 1989

SCOTT (Copy 1): From the John Holmes Library Collection.

The Story of the Boeing Company - Bill Yenne 2005

In the early years of the 20th century William Edward Boeing summed up his new company's mission: "To let no new improvement in flying and flying equipment pass us by." And sure enough, in the century since, nothing and no one has outflown Boeing. The Story of the Boeing Company, plane-maker to the world, unfolds on a fittingly grand scale in this book that is at once the history of one company and the story of an industry. Aviation author Bill Yenne follows Boeing from its modest beginnings in 1916 as Pacific Aero Products, with a single two-seater floatplane, to its present lofty position as the largest aerospace company in the world. Lavishly illustrated, it showcases historic aircraft that made the company's name—the B-17s and B-29s of World War II to the 707 jetliner that revolutionized commercial flight; and the mammoth 747 to the B-52 Superfortress that still soldiers on over 50 years after its debut. All the moves and mergers are chronicled. 2nd ed.

Hard Landing - Thomas Petzinger, Jr. 1996-12-24

In this updated paperback edition of a "rich, readable, and authoritative" Fortune) book, Wall Street Journal reporter Petzinger tells the dramatic story of how a dozen men, including Robert Crandall of American Airlines, Frank Borman of Eastern, and Richard Ferris of United, battled for control of the world's airlines.

Flying Blind - Peter Robison 2021-11-30

NEW YORK TIMES BUSINESS BESTSELLER • A suspenseful behind-the-scenes look at the dysfunction that contributed to one of the worst tragedies in modern aviation: the 2018 and 2019 crashes of the Boeing 737 MAX. An "authoritative, gripping and finely detailed narrative that charts the decline of one of the great American companies" (New York Times Book Review), from the award-winning reporter for Bloomberg. Boeing is a century-old titan of industry. It played a major role in the early days of commercial flight, World War II bombing missions, and moon landings. The planemaker remains a cornerstone of the U.S. economy, as well as a linchpin in the awesome routine of modern air travel. But in 2018 and 2019, two crashes of the Boeing 737 MAX 8 killed 346 people. The crashes exposed a shocking pattern of malfeasance, leading to the biggest crisis in the company's history—and one of the costliest corporate scandals ever. How did things go so horribly wrong at Boeing? Flying Blind is the definitive exposé of the disasters that transfixed the world. Drawing from exclusive interviews with current and former employees of Boeing and the FAA; industry executives and analysts; and family members of the victims, it reveals how a broken corporate culture paved the way for catastrophe. It shows how in the race to beat the competition and reward top executives, Boeing skimmed on testing, pressured employees to meet unrealistic deadlines, and convinced regulators to put planes into service without properly equipping them or their pilots for flight. It examines how the company, once a treasured American innovator, became obsessed with the bottom line, putting shareholders over customers, employees, and communities. By Bloomberg investigative journalist Peter Robison, who covered Boeing as a beat reporter during the company's fateful merger with McDonnell Douglas in the late '90s, this is the story of a business gone wildly off course. At once riveting and disturbing, it shows how an iconic company fell prey to a win-at-all-costs mentality, threatening an industry and endangering countless lives.

Deep Stall - Philip K. Lawrence 2017-02-27

Deep Stall applies a framework of strategic analysis to the Boeing Company. Boeing is the world's largest aerospace / defence company, with turnover in the region of US \$60bn. The book examines the relative decline of Boeing in the civil aircraft market in relation to European manufacturer, Airbus. The aim of the book is to utilize the concept of strategic value to explain Boeing's decline. The authors define this concept as investment in people and technology to leverage future market success by developing innovative new products, arguing that Boeing has neglected strategic value in favour of shareholder value, defined in terms of short-term cash benefits. The rationale for the book exists both in the fact that the story in itself is interesting and also in the wider framework of analysis concerning the correct strategic approach for running a high technology business. The argument illustrates what can happen when quarterly returns become the predominant strategic rationale for a company. In the U.S. the business media (Economist, Forbes, Fortune, and Business Week etc) are now focusing on the question of Boeing's decline and the major implications for the U.S. national interest. Boeing is one of the jewels in the US technology crown, but today U.S. jobs and capability are being exported abroad, with most of its aircraft program work based in Asia. This is a hot topic in the US which explains why the business media are now so interested in this question. The book sits squarely in the centre of this debate. Deep Stall concludes with a brief analysis of the recent fight-back that has been evident in Boeing's fortunes and the successful campaign to sell the

new 787. The authors probe the question of whether Airbus or Boeing is likely to dominate in the next ten or fifteen years.

[Boeing 757](#) - Dan Dornseif 2022-04-28

Concise visual history of the Boeing 757 passenger jet.

Boeing 747 - Lance Cole 2021-11-30

Boeing's 747 'heavy' has achieved a fifty-year reign of the airways, but now airlines are retiring their fleets as a different type of long-haul airliner emerges. Yet the ultimate development of the 747, the -800 model, will ply the airways for many years to come. Even as twin-engine airliners increasingly dominate long-haul operations and the story of the four-engine Airbus A380 slows, the world is still a different place thanks to the great gamble that Boeing took with its 747. From early, difficult days designing and proving the world's biggest-ever airliner, the 747 has grown into a 400-ton leviathan capable of encircling the world. Boeing took a massive billion-dollar gamble and won. Taking its maiden flight in February 1969, designing and building the 747 was a huge challenge and involved new fields of aerospace technology. Multiple fail-safe systems were designed, and problems developing the engines put the whole programme at risk. Yet the issues were solved and the 747 flew like a dream said pilots - belying its size and sheer scale. With its distinctive hump and an extended upper-deck allied to airframe, avionics and engine developments, 747 became both a blue-riband airliner and, a mass-economy class travel device. Fitted with ultra-efficient Rolls-Royce engines, 747s became long-haul champions all over the world, notably on Pacific routes. across the Atlantic in January 1970, 747 became the must-have, four-engine, long haul airframe. Japan Airlines, for example, operated over sixty 747s in the world's biggest 747 fleet. By the renowned aviation author Lance Cole, this book provides a detailed yet engaging commentary on the design engineering and operating life and times of civil aviation's greatest sub-sonic achievement.

[C-130 Hercules](#) - Martin W. Bowman 2017-07-30

"An engaging retrospective on the long-lived and ubiquitous C-130 Hercules tactical airlifter . . . Sweeping in its scope . . . an invaluable reference." —Aviation History Designed in response to a 1951 requirement, the C-130 Hercules is the most successful military airlifter ever built. Since it first flew in prototype form on August 23, 1954, more than 2,100 have been produced in over eighty different versions. Across its variants, the Hercules serves more than sixty air forces, as well as many civilian cargo operators, in a multiplicity of roles, including air-to-air refueller, gunship, airborne command post, flying hospital, and firefighter. This rugged and easily maintained aircraft entered service in 1956 with the USAF Tactical Air Command. Ten years later, the "Charlie 130" was providing essential logistical support in Vietnam. This period in Southeast Asia was the Hercules' finest hour. Paradrops, airlift, and evacuation operations were completed around the clock, often at low level, usually under fire and nearly always in bad weather. A generation later, this "Mr. Dependable" was serving with equal distinction in the Gulf War in the role of airlifter, radio-countermeasures, and "psy-ops" platform, gunship and, once again, "block-buster bomber." The "Herky Bird" or "Fat Albert," as the C-130 is fondly known, has proved a key component in humanitarian relief operations, as well, in all parts of the world. "Martin's technical and informative look at their creation and use is absolutely fascinating. An iconic aircraft gets Martin's VIP treatment in this wonderful book." —Books Monthly "A history of an aviation great, from the pen of a popular and well-established author of aviation history." —Firetrench

[The Encyclopedia of the Industrial Revolution in World History](#) - Kenneth E. Hendrickson III 2014-11-25

As editor Kenneth E. Hendrickson, III, notes in his introduction: "Since the end of the nineteenth-century, industrialization has become a global phenomenon. After the relative completion of the advanced industrial economies of the West after 1945, patterns of rapid economic change invaded societies beyond western Europe, North America, the Commonwealth, and Japan." In *The Encyclopedia of the Industrial Revolution in World History* contributors survey the Industrial Revolution as a world historical phenomenon rather than through the traditional lens of a development largely restricted to Western society. *The Encyclopedia of the Industrial Revolution in World History* is a three-volume work of over 1,000 entries on the rise and spread of the Industrial Revolution across the world. Entries comprise accessible but scholarly explorations of the topics from the "aerospace industry" to "zaibatsu." Contributor articles not only address topics of technology and technical innovation but emphasize the individual human and social experience of

industrialization. Entries include generous selections of biographical figures and human communities, with articles on entrepreneurs, working men and women, families, and organizations. They also cover legal developments, disasters, and the environmental impact of the Industrial Revolution. Each entry also includes cross-references and a brief list of suggested readings to alert readers to more detailed information. *The Encyclopedia of the Industrial Revolution in World History* includes over 300 illustrations, as well as artfully selected, extended quotations from key primary sources, from Thomas Malthus' "Essay on the Principal of Population" to Arthur Young's look at Birmingham, England in 1791. This work is the perfect reference work for anyone conducting research in the areas of technology, business, economics, and history on a world historical scale.

Boeing 737 - Graham M Simons 2021-02-28

The Boeing 737 is an American short- to medium-range twinjet narrow-body airliner developed and manufactured by Boeing Commercial Airplanes, a division of the Boeing Company. Originally designed as a shorter, lower-cost twin-engine airliner derived from the 707 and 727, the 737 has grown into a family of passenger models with capacities from 85 to 215 passengers, the most recent version of which, the 737 MAX, has become embroiled in a worldwide controversy. Initially envisioned in 1964, the first 737-100 made its first flight in April 1967 and entered airline service in February 1968 with Lufthansa. The 737 series went on to become one of the highest-selling commercial jetliners in history and has been in production in its core form since 1967; the 10,000th example was rolled out on 13 March 2018. There is, however, a very different side to the convoluted story of the 737's development, one that demonstrates a transition of power from a primarily engineering structure to one of accountancy, number-driven powerbase that saw corners cut, and the previous extremely high safety methodology compromised. The result was the 737 MAX. Having entered service in 2017, this model was grounded worldwide in March 2019 following two devastating crashes.? In this revealing insight into the Boeing 737, the renowned aviation historian Graham M. Simons examines its design, development and service over the decades since 1967. He also explores the darker side of the 737's history, laying bare the politics, power-struggles, changes of management ideology and battles with Airbus that culminated in the 737 MAX debacle that has threatened Boeing's very survival.

Higher - Russ Banham 2015-08-04

Over the course of a century, the Boeing Company has grown from a small outfit operating out of a converted boathouse—producing a single pontoon plane made from canvas and wood—into the world's largest aerospace company. The thrilling story of the celebrated organization is one filled with ambition, ingenuity, and a passion to exceed expectations. In this lavishly illustrated book, published to coincide with Boeing's 100th anniversary, Pulitzer Prize-nominated author Russ Banham recounts the tale of a company and an industry like no other—one that has put men on the moon, defended the free world, and changed the way we live.

Lockheed Constellation - Graham M Simons 2021-08-04

Clarence 'Kelly' Johnson's design for the Lockheed Constellation, known affectionately as the 'Connie', produced one of the world's most iconic airliners. Lockheed had been working on the L-044 Excalibur, a four-engine, pressurized airliner, since 1937. In 1939, Trans World Airlines, at the instigation of major stockholder Howard Hughes, requested a 40-passenger transcontinental aircraft with a range of 3,500 miles, well beyond the capabilities of the Excalibur design. TWA's requirements led to the L-049 Constellation, designed by Lockheed engineers including Kelly Johnson and Hall Hibbard. Between 1943 and 1958, Lockheed built 856 Constellations in numerous models at its Burbank, California, factory - all with the same distinctive and immediately recognizable triple-tail design and dolphin-shaped fuselage. The Constellation was used as a civil airliner and as a military and civilian air transport, seeing service in the Berlin and the Biafran airlifts. Three of them served as the presidential aircraft for Dwight D. Eisenhower. After the Second World War, TWA's transatlantic service began on 6 February 1946 with a New York-Paris flight in a Constellation. Then, on 17 June 1947, Pan Am opened the first-ever scheduled round-the-world service with their L-749 Clipper America. In this revealing insight into the Lockheed Constellation, the renowned aviation historian Graham M. Simons examines its design, development and service, both military and civil. In doing so, he reveals the story of a design which, as the first pressurized airliner in widespread

use, helped to usher in affordable and comfortable air travel around the world.

De Havilland Comet - Colin Higgs 2018-11-30

The world got a little smaller in July 1949 when the first jet-powered airliner took to the skies barely four years after the end of the Second World War. Not only was the de Havilland Comet 1 a lot faster than previous airliners, it could fly higher and further. It was packed with new technology but, perhaps most importantly for those early passengers, it was a quiet, luxurious and even pleasant experience, something that could never be said for the noisy piston-engine aircraft that came before. The Comets leadership in jet travel for the future was assured until aircraft began crashing. The first ones were put down to pilot error but two disastrous events in 1954 grounded the fleet and Britain's advantage over the rest of the world was lost. Boeing caught up with its ubiquitous 707 and the Comet was destined to become but a memory. However, rising from the ashes came a new Comet one that was bigger and more powerful than before and designed for completely different roles. Where the first Comets had provided an expensive and plush way to travel for the rich few, the new Comet 4s carried more passengers to a multitude of destinations inevitably becoming key carriers for the early package holidaymakers. At the same time they became vital strategic transports for the RAF as the British Empire receded. This book tells the full story of the world's first jet-powered airliner, from its remarkable beginnings, through its early flight trials programme to its entry into service. The types military career is also covered, as is its construction; also included in this volume are details of the numerous variants produced and those still surviving as exhibits today. There are also twenty-four superb artworks by world-renowned aviation illustrator Juanita Franzi.

Boeing 747. Queen of the Skies. - Owen Zupp 2019-09-24

The Boeing 747 is more than an airliner - it is the Queen of the Skies. From flights over Antarctica to carrying a spare fifth engine beneath the wing, award-winning aviation writer and airline pilot, Owen Zupp, has detailed the varied journeys of the magnificent Boeing 747.

Jet Age - Sam Howe Verhovek 2010-10-14

The captivating story of the titans, engineers, and pilots who raced to design a safe and lucrative passenger jet. In *Jet Age*, journalist Sam Howe Verhovek explores the advent of the first generation of jet airliners and the people who designed, built, and flew them. The path to jet travel was triumphal and amazingly rapid--less than fifty years after the Wright Brothers' first flight at Kitty Hawk, Great Britain led the world with the first commercial jet plane service. Yet the pioneering British Comet was cursed with a tragic, mysterious flaw, and an upstart Seattle company put a new competitor in the sky: the Boeing 707 Jet Stratoliner. *Jet Age* vividly recreates the race between two nations, two global airlines, and two rival teams of brilliant engineers for bragging rights to the first jet service across the Atlantic Ocean in 1958. At the center of this story are great minds and courageous souls, including Sir Geoffrey de Havilland, who spearheaded the development of the Comet, even as two of his sons lost their lives flying earlier models of his aircraft; Sir Arnold Hall, the brilliant British aerodynamicist tasked with uncovering the Comet's fatal flaw; Bill Allen, Boeing's deceptively mild-mannered president; and Alvin "Tex" Johnston, Boeing's swashbuckling but supremely skilled test pilot. The extraordinary airplanes themselves emerge as characters in the drama. As the Comet and the Boeing 707 go head-to-head, flying twice as fast and high as the propeller planes that preceded them, the book captures the electrifying spirit of an era: the Jet Age. In the spirit of Stephen Ambrose's *Nothing Like It in the World*, Verhovek's *Jet Age* offers a gorgeous rendering of an exciting age and fascinating technology that permanently changed our conception of distance and time, of a triumph of engineering and design, and of a company that took a huge gamble and won.

The Principles and Practice of International Aviation Law - Brian F. Havel 2014-03-31

The Principles and Practice of International Aviation Law provides an introduction to, and demystification of, the private and public dimensions of international aviation law. Unlike other global sectors, the air transport industry is not governed by a discrete area of the law, but by disparate transnational regulatory instruments. Everything from the routes that an international air carrier can serve to the acquisition of its fleet and its liability to passengers and shippers for incidents arising from its operations can be the object of bilateral and multilateral treaties that represent diverse and often contradictory interests. Beneath this are hundreds of domestic regulatory regimes that also apply national and international rules in disparate ways. The result is an agglomeration of legal cultures that can leave even experienced lawyers and

academics perplexed. By combining classical doctrinal analysis with insights from newer disciplines such as international relations and economics, the book maps international aviation law's complex terrain for new and veteran observers alike.

The Encyclopedia of Strikes in American History - Aaron Brenner 2015-01-28

Strikes have been part of American labor relations from colonial days to the present, reflecting the widespread class conflict that has run throughout the nation's history. Against employers and their goons, against the police, the National Guard, local, state, and national officials, against racist vigilantes, against their union leaders, and against each other, American workers have walked off the job for higher wages, better benefits, bargaining rights, legislation, job control, and just plain dignity. At times, their actions have motivated groundbreaking legislation, defining new rights for all citizens; at other times they have led to loss of workers' lives. This comprehensive encyclopedia is the first detailed collection of historical research on strikes in America. To provide the analytical tools for understanding strikes, the volume includes two types of essays - those focused on an industry or economic sector, and those focused on a theme. Each industry essay introduces a group of workers and their employers and places them in their economic, political, and community contexts. The essay then describes the industry's various strikes, including the main issues involved and outcomes achieved, and assesses the impact of the strikes on the industry over time. Thematic essays address questions that can only be answered by looking at a variety of strikes across industries, groups of workers, and time, such as, why the number of strikes has declined since the 1970s, or why there was a strike wave in 1946. The contributors include historians, sociologists, anthropologists, and philosophers, as well as current and past activists from unions and other social movement organizations. Photos, a Topic Finder, a bibliography, and name and subject indexes add to the work's appeal.

Boeing 737 - Wolfgang Borgmann 2021-04-28

The Boeing 737 is undoubtedly one of the best known of all passenger aircraft and has been built in greater numbers than any other commercial aircraft in the world. There are few airline passengers of the last decade who have not yet flown on one of these aircraft. More than 10,000 examples have been built in all its variants--an unbelievably high number for an airliner. This book describes the aircraft's early development--from the first concept drawings in the early 1960s to construction, testing, and first flights--to the present, with exciting photos, drawings, and information from the Boeing company archives. From the 737-100 through to today's 737MAX, all versions are covered in detail, including its use by many of the world's airlines, including Air France, British Airways, Delta, Easyjet, Lufthansa, SAS, Southwest, and many others.

Airbus Vs. Boeing: Aviation's Dramatic Narrow Body Cliffhanger Spanning 3+ Decades! - Strategy Perspective - I - Rajat Narang 2020-10-17

The Commercial Aviation War-Zone has been characterized by the incessant battles for market domination waged between the duopoly of industry behemoths, Airbus & Boeing, raging on for almost half a century now with the sworn transatlantic rivals frequently exchanging airplane salvos and technology barbs targeted precisely at each other. This work on the Airbus vs. Boeing arch-rivalry; an outright multi-decennial cliffhanger, especially in the commercial narrow body aircraft market; decrypts & unravels the relative strategy playbooks as well as game plans of the two aerospace giants in an unbiased longitudinal analysis. It deciphers Airbus' meteoric rise in the narrow body aircraft market starting out as a virtual industry underdog & rookie to become a worthy & equal adversary within a span of 3 decades. The analysis unravels & chronicles as to how Airbus challenged the market hegemony of Boeing, a clearly overmatched foe, by effectively taking on and tactically undercutting its marketing juggernaut & financial heft to become its nemesis. It further shows how Boeing persisted with its mostly wide body obsessed product strategy in the 'War of Competing Strategy Orientations & Foci' for decades with the reactive strategy focus & posture adopted for the narrow body market ultimately scripting its fall from grace. The unbiased longitudinal analysis unravels as to how one side has played it out smartly; 'Outfoxing' the 'In-the-Lead' enemy; to being almost on the verge of mounting the final push towards summiting the narrow body market peak before the massive avalanche hit while the other messed it up terribly in 'The Death Zone', necessitating a difficult MEDEVAC mission and a subsequent re-routing straight to the maintenance hangar for a long impending overhaul visit... What this two-part series could be best compared to is a half time game review & match

analysis from the strategy perspective... If you love Aviation and/or are smitten by Strategy, then this is the flight and the window seat for you in the first class! Hop on!

Evolution of International Aviation - Dawna L. Rhoades 2008

This book has two aims. First, it lays out the forces that shaped the international aviation industry and changed the rules in the drive for liberalization. Second, it looks at the choices facing the airline industry in general and the international aviation industry in particular. This second edition is thoroughly revised from the 2003 original, in light of many significant developments in (and affecting) the industry during the intervening years.

Airbus - Bill Gunston 2010-02-01

Bill Gunston's original book, *Airbus*, was published by Osprey in 1988. This 2nd Edition includes all the prolific single-aisle aircraft that have followed the A320, the great new wide-bodies (the A330 and four-engine A340), the enormous A380 (an amazing tale dominated not by the technology but by politics and finance), the totally different A400M military air lifter and, not least, by the extraordinary gestation of the A350, which was launched in 2005, stopped in 2006 and re-launched in a redesigned and enlarged form in 2007.

Encyclopedia of Business in Today's World - Charles Wankel 2009-06-12

Serving as a general, nontechnical resource for students and academics, these volumes provide an understanding of the development of business as practiced around the world.

Britannia Airways - Graham M. Simons 2021-01-18

A history of the British airline company, featuring details on the aircrafts, routes, and operations, as well as stories from the crews and staff. Founded in 1961 as Euravia by British businessman Ted Langton and aviation consultant J.E.D. Walker, at a time of considerable turmoil for the independent sector of the British air operators' industry, Britannia Airways went on to become the world's largest holiday airline. Just as Court Line evolved from Autair, so Britannia Airways evolved from Euravia. Both UK airlines had strong links with the travel industry; Court Line with Clarksons Holidays, and Britannia with the Thomson Group, in particular the 'Sky Tours' brand. Both were innovative in their own ways, and both grabbed the UK travel industry by the scruff of the neck and shook it into the jet age - Court line traveling down the brasher cheap-and-cheerful road, while Britannia took the more staid, upmarket route. By 1972, Britannia had developed to such a degree that it was the biggest of the British independent charter airlines. It was also a groundbreaking operation—during the late 1960s, it became the first charter airline to offer assigned seating, as well as hot in-flight meals. Prior to the mid-1970s, Britannia, much like other British charter airlines of the era, had concentrated upon low-cost flights to Spain and the use of provincial airports to provide its services. The company's management, however, harbored ambitions to grow beyond this. As a result, for example, Britannia's 767s began regular charter flights between Britain and Australia in 1988, a route to New Zealand being added the following year. Between 1968 and 1984, Britannia carried nearly forty-two million passengers, while the company's fleet grew to include twenty-nine Boeing 737s and a pair of 767s. Drawing on the author's in-depth research and knowledge, as well as firsthand interviews with individuals such as Ted Langton, the original tour operator who wanted his own airline, and Jed Williams, who created Britannia, this the full story of one of the most important airlines in the history of civil aviation.

Aircraft - DK 2022-04-26

Take an action-packed flight through the history of aircraft and discover the intrepid pioneers who made a dream reality Uncover the engineering behind more than 800 aircraft models, from military jets to commercial planes. This visual history book captures the fascinating story of airplanes and aviation, and how their groundbreaking discovery has influenced the 21st Century. Inside the pages of this aircraft book, you'll discover:

- The history of military and commercial aircraft from all over the world, decade by decade, to the present day in stunning visual detail
- Comprehensive catalogs highlight the most important aircraft of each period along with their specifications and unique features
- Showcases on particularly celebrated aircraft - such as the Supermarine Spitfire and Concorde - in beautifully photographed "virtual tour" features
- The stories of the engineers and manufacturers that created marques like Boeing and Airbus

Take to the skies Modern flight has opened the world up to new opportunities and paved the way for the development of advanced research and technology. But, what made it so groundbreaking? This book

uncovers the stories behind the first airplane models, the development of flight, and brings you to present-day marvels such as the Gypsy Moth and Supermarine Spitfire. The *Aircraft Book* is filled with stats, facts, and photographs that create a visual tour and allows you to see inside key commercial and military aircraft models from the exterior to the cockpit. Aviation enthusiasts will also be captivated by the manufacturer of aircraft engines and how famous models like Boeing and Lockheed became household names. Love history? Discover even more with DK! DK's *The Definitive Visual History* series is an iconic celebration of design and history. Packed with fascinating facts and statistics, these high-quality visual guides cover everything from history and notable designs to the people and technology that made it possible. Books in this series include *The Car Book*, *The Train Book*, *The Tank Book*, and so much more.

Boeing 787 Dreamliner - Mark Wagner 2009-11-15

With the launch of its superjumbo, the A380, Airbus made what looked like an unbeatable bid for commercial aviation supremacy. But archrival Boeing responded: Not so fast. Boeing's 787 Dreamliner has already generated more excitement--and more orders--than any commercial airplane in the company's history. This book offers a fascinating behind-the-scenes look at the first all-new airplane developed by Boeing since its 1990 launch of the 777. With hundreds of photographs, *Boeing 787 Dreamliner* closely details the design and building of Boeing's new twin-engine jet airliner, as well as the drama behind its launch. Here are the key players, the controversies, the critical decisions about materials and technology--the plastic reinforced with carbon fiber that will make this mid-sized widebody super lightweight. And here, from every angle, is the Dreamliner itself, in all its gleaming readiness to rule the air.

Skygods - Robert L. Gandt 1995

Told from the point of view of aviators and executives, the inside story of Pan American Airlines reveals the glory days and downfall of the aeronautical giant from the time when Pan Am ruled the skies to deregulation and Lockerbie. 25,000 first printing. \$30,000 first printing. Tour.

Jetliner Cabins - Jennifer Coutts Clay 2006-03-24

Describes the high art and technical bravura behind creating some of the smallest living spaces in the world. With photographs of aircraft interiors from leading carriers, this book fully details the variety, as well as the creative breadth, behind them.

Lockheed TriStar - Graham Simons 2021-11-30

In April 1972, after six gruelling years of design and development, the then Lockheed California Company (now Lockheed Martin) delivered the most technologically advanced commercial jet of its era, the L-1011 TriStar, to its first client, Eastern Airlines. To mark the moment, Lockheed decided to make an impressive statement about the capabilities of its new medium-to-long-range, wide-body trijet airliner. It did so in spectacular fashion. Overseen by two test pilots, a total of 115 crew members, VIPs, Lockheed employees, and selected reporters boarded a TriStar at Lockheed's Palmdale plant in California. The subsequent 4-hour, 13-minute flight to Washington Dulles Airport was achieved with virtually no input from the two pilots in the cockpit, the TriStar's Automatic Flight Control System being 'engaged from takeoff roll to landing'. It was, Lockheed proudly claimed, 'the first cross-country flight without the need for human hands on the controls'. As Lockheed themselves note, in a similar fashion to other iconic passenger airliners before it, the L-1011 had faced daunting challenges on the way to its inaugural flight. Divergent needs from competing airlines led to design challenges. Financial difficulties ravaged its engine's manufacturer, Rolls-Royce, whilst a recession, fuelled by the world's first oil crisis, lessened the demand for commercial airliners. Lockheed, though, battled through these challenges, which even included international allegations of bribery, with the result that the TriStar, famed for its large, curved nose, low-set wings, and graceful swept tail, remained in production until 1984, by when 250 examples had been built. The toll on Lockheed, however, was too great and after the TriStar it withdrew from the commercial aircraft business. In this revealing insight into the L-1011, the renowned aviation historian Graham M. Simons reveals the full story of this airliner's design, development and service over the decades since 1970.

The Airbus A380 - Graham M. Simons 2014-08-13

Every 7 minutes, an A380 takes off or lands somewhere in the world...The Airbus was initially designed and developed in order to provide a contender to the Boeing's growing monopoly of the skies in the biggest large-aircraft market in the world. Ambitious in design, the undertaking seemed mammoth. Yet scores of

aviation engineers and pilots worked to get the design off the ground and the Airbus in our skies. This double-decker, wide-body, 4 engine jet airliner promised to redefine expectations when it came to commercial flight. Five years on from its launch, Graham Simons provides us with this, an impressively illustrated narrative history of the craft, its achievements, and the legacy it looks set to provide to a new generation of aviation engineers, enthusiasts and passengers. Operated by airlines such as Emirates, Singapore Airlines, Qantas and Lufthansa, the story of the A380 could be said to represent the story of modern-day travel itself, characterised by major technological advances across the world that constantly push the boundaries of expectation. Sure to appeal broadly across the market, this is very much a commemorative volume, preserving the history of this iconic craft in words and images.

The Sporty Game - John Newhouse 1982

An examination of the current state of the airline construction industry focuses on the dramatic, highly competitive, high-stakes competition between Boeing, Lockheed, McDonnell-Douglas, and Europe's Airbus Industrie

Air Wars - Scott Hamilton 2021-09-07

Boeing 707 Group - Graham M. Simons 2018-01-30

A definitive look at the plane that revolutionized air travel and its place in aviation history from the author of Comet! The World's First Jet Airliner. The Boeing 707 family—that includes the forerunner Model 367-80, the KC-135 series of military transports and the slightly smaller Model 720—was the pioneer of the sweptback wing, incorporating podded engines borrowed from the B-47 military bomber. It was the aircraft that many regard as the design that really ushered in the Jet-Age. This book from the established aviation historian Graham Simons examines the entire course of the Boeing 707's history, charting an impressive design evolution and illustrating the many ways in which the 707's legacy continues to be felt to this day. In laying the foundation for Boeing's preeminence on the world's jetliner market during the 1980s and 90s, the 707 paved the way for future innovations in both civilian and military fields and Graham Simons has put together an image-packed history that records the historic and landmark milestones of this iconic aircraft type. "The book is well worth the price and will provide many hours of intriguing reading and research support. It is a good addition to one's aviation bookshelf."—Air Power History "An impressive volume that is well-written, and easy to read. Its research is of a high standard. It will, of course, appeal to Boeing 707/C-135 'enthusiasts' and as such could well become a 'Standard Reference Work' on its subject."—NZ Crown Mines

Boeing versus Airbus - John Newhouse 2008-01-08

The commercial airline industry is one of the most volatile, dog-eat-dog enterprises in the world, and in the late 1990s, Europe's Airbus overtook America's Boeing as the preeminent aircraft manufacturer. However, Airbus quickly succumbed to the same complacency it once challenged, and Boeing regained its precarious place on top. Now, after years of heated battle and mismanagement, both companies face the challenge of serving burgeoning Asian markets and stiff competition from China and Japan. Combining insider knowledge with vivid prose and insight, John Newhouse delivers a riveting story of these two titans of the sky and their struggles to stay in the air.

Legend and Legacy - Robert J. Serling 1992

The name Boeing evokes vivid images, from the B-17 Flying Fortresses of World War II to the 707 and 747 jet transports that revolutionized air travel. Less well known: The Boeing Company built the first stage of the Saturn rocket that started men on the way to the moon, developed the Minuteman missile system, and is now designing America's space station. Boeing jets, in service around the globe, carry 675 million

passengers annually--the equivalent of twelve percent of the world's population. Behind the statistics and the awe-inspiring aircraft is a company of paradoxes, a vast organization nimble enough to take daring market risks that have kept it at the top of its industry. Robert J. Serling, forty-five years an award-winning aviation writer, takes the reader behind the scenes with humor, objectivity, and abundant anecdotes: Boeing once went seventeen months without seeing a single domestic jetliner and came close to bankruptcy. One of its legendary test pilots unexpectedly barrel-rolled a prototype jetliner, into which the company had sunk one-quarter of its net worth, because he thought the stunt would help sell the airplane. Legend and Legacy, Robert J. Serling's most ambitious work to date, reads like a novel, complete with memorable characters who, despite occasional stumbles, helped win the war and conquer the commercial skies: The salesman who almost traded a used 727 for \$12 million worth of underwear. The vice president who worked in a darkened office illuminated by a single, low-wattage light bulb. The gifted, driven engineers who did the impossible, by yesterday. Never in its seventy-five years has Boeing been so revealingly profiled. This book is must-reading for anyone fascinated by the history of aviation.

Boeing 737-300 to -800 - Robbie Shaw 1999

The sixth in this series of illustrated monographs on the key civil aircraft of today: this volume focuses on the Boeing 737-300/700. It examines the design, production and in-service record of the plane, and details airline customers and aircraft attrition, as well as a full production list.

Computer Crashes - Tom Dieusaert 2017-08-26

A journalistic investigation into aircraft accidents where the computers were involved. From Air France 447 to AirAsia 8501 and Qantas Flight 72. As fly-by-wire is pushing the pilots out of the cockpit and unmanned planes become imminent, computer glitches and bugs become the new threats for airline safety.

Boeing 707 - Wolfgang Borgmann 2022-04-28

Concise visual history of Boeing's first jetliner.

Airbus A300/310 - Wolfgang Borgmann 2021-04-28

By producing the A300--the first twin-jet, wide-body airliner in the world--the European Airbus consortium succeeded in joining the league of leading aircraft makers. The path was both rocky and exciting. Filled with detailed text, including historical, technological, and flight information, as well as colorful photos, this volume provides a fascinating insight into the history of commercial aviation. The first aircraft designed, built, and sold by Airbus, the A300 airliner debuted in 1974 with Air France and was in constant service throughout the world. Among the many past and present airlines flying the A300/310 are Air Hong Kong, Air France, Air India, American, China Airlines, Eastern, EgyptAir, FedEx, Finnair, Iberia, Korean Air, Pan Am, SAS, UPS, and many others. Though it is no longer produced, examples of the aircraft still fly today.

The Road to the 707 - William H. Cook 1991

This book outlines the critical engineering discoveries leading to the jet transport age - from observations of birds in flight to modern jet transports. Starting with the Wright Brothers, it traces a path to the Boeing XB-47 swept-wing jet bomber, ending with the first generation of commercial jet transports: the Comet, the Convair 990, the DC-8, and the 707. Chapters include: The Pioneers; Airmail and the Early Transports; The 247 Airliners; The DC-3 and the Four-Engine Transports; The Four-Engine Bombers; The War Years; The Turbo-Jet Engine; The GE TG-180 Jet Engine; The Boeing High-Speed Wind Tunnel; The Swept Wing; The Jet Bomber; The Dash-80 Prototype; The 707-DC-8 Competition; and The Fan Engine. A clearly-written and easy-to-read book that is a must-read for all aircraft enthusiasts. William H. Cook started working for Boeing Engineering in 1938. There he held many prominent positions, including Manager of High-speed Wind Tunnel Design; B-29 Assistant Project Engineer; XB-47 Aerodynamics Unit Chief; and Chief of Technical Staff, Transport Division. Cook retired in 1974, but his engineering expertise is still in use today.