

Boeing C 135 Series Stratotanker Stratolifter And Other Variants

Northrop's T-38 Talon Boeing KC-135 Stratotanker Warbirds The International Directory of Military Aircraft Contact! Tex Johnston The 388th Tactical Fighter Wing at Korat Royal Thai Air Force Base 1972 Air Forces of the World The Cold War Defense of the United States Military Transports and Training Aircraft of the World The 377 Stratocruiser & KC-97 Stratofreighter Voices from an Old Warrior Boeing 707, Douglas DC-8 & Vickers VC10 Jane's American Fighting Aircraft of the 20th Century A Concise History of the U.S. Air Force The Aircraft-Spotter's Film and Television Companion The Boeing B-47 Stratojet: Strategic Air Command's Transitional Bomber American Military Training Aircraft US Air Force Books in Print Supplement MILITARY AIRCRAFT OF THE WORLD The Boeing KC-135 Stratotanker Northrop's YF-17 Cobra The Vital Guide to Military Aircraft Airways Republic's A-10 Thunderbolt II United States Military Aircraft Since 1909 Improving the Efficiency of Engines for Large Nonfighter Aircraft Jane's All the World's Aircraft B-52G/H Stratofortress Aerospace power in the twenty-first century a basic primer The Presidio Concise Guide to Military Aircraft of the World Airborne The Cutting Edge The Vital Guide to Military Aircraft Spyflights and Overflights The Boeing C-135 Series Super Snoopers Investigating Optimal Replacement of Aging Air Force Systems International Directory of Civilian Aircraft, 1999-2000

Northrop's T-38 Talon

Boeing KC-135 Stratotanker

Latest edition of the bestselling biennial features a separate entry for every civil aircraft type currently in service -- nearly 400 in all -- canvas-bodied single-seaters to the 777.

Warbirds

Continues a series of reports on aging aircraft and the replacement-or-repair decision.

The International Directory of Military Aircraft

Follows the evolution of the US Air Force and looks at significant events and campaigns that have shaped its history. Extensive detail begins with the present day major commands and unit structure, and commands which were in place in 1947. Each is detailed including development, unit assignments, serial batches, and an explanation of the role of each

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variant. A list of current tail codes is presented, along with command assignment, aircraft operated, and home base.

Contact!

Though the C-135 was originally designed over forty years ago as an aerial refueling tanker, (749 of the 820 were built as tankers), more than 600 of all types of C-135s are still flying. Boeing's C-135 series has been the most successful military jet ever built. This book, Don Logan's sixth, tells the story of the Boeing C-135 series including: tankers, reconnaissance, airborne command post, weather, test, and special purpose models. All C-135 aircraft types, along with their operating units are covered. Tables and serial number lists are included listing all C-135 configurations by serial number. Re-engine programs and facts including serial numbers of the C-135s and the identity of the donor aircraft in the airline re-engine program (E-model types). Also included: a listing of all C-135 losses, including date and reason for loss; three views of C-135 major configurations; selected aircraft nose art; and all USAF, ARFES, and Air National Guard unit markings. Don Logan is also the author of Rockwell B-1B: SAC's Last Bomber, The 388th Tactical Fighter Wing; At Korat Royal Thai Air Force Base 1972, Northrop's T-38 Talon, Northrop's YF-17 Cobra, and Republic's A-10 Thunderbolt II. (all available from Schiffer Publishing Ltd.)

Tex Johnston

The 388th Tactical Fighter Wing at Korat Royal Thai Air Force Base 1972

Air Forces of the World

From the MiG-17 to Eurofighter, from trainers to helicopters, fighters and special mission aircraft, more than 280 individual types are featured in this biennial directory of the world's military aircraft fleet. Sftbd., 8 1/2"x 11", 208 pgs., 300+ color ill.

The Cold War Defense of the United States

U.S. military C-135 spy planes flying intelligence, airborne command, treaty compliance, nuclear monitoring, weather monitoring and other tasks. The aircraft, places, missions, people, operating worldwide sorties, close to opponents such as Russia and China. 60 years of operations, history, and personal stories of super spooks.

Military Transports and Training Aircraft of the World

Ever wondered how many aircraft were converted into Japanese Zeroes and torpedo bombers for Tora! Tora! Tora! or how French Gazelle helicopters were modified for the title role in Blue Thunder? This first of its kind reference book lists aircraft featured in 350 films and television shows, providing brief individual histories, film locations, serial numbers and registrations. Aircraft are also cross-referenced by manufacturer. Appendices provide brief bios on pilots and technicians, information on aircraft collections owned by Tallmantz Aviation and Blue Max Aviation and film credits for U.S. aircraft carriers.

The 377 Stratocruiser & KC-97 Stratofreighter

An indispensable, up-to-date reference work detailing well over 100 of the world's most significant airlines. Each entry details the history, current status, and future plans of the major passenger and freight carriers worldwide.

Voices from an Old Warrior

They are America's front lines--serving proudly in forward areas around the world. Representing the very best from the Army and Air Force, the Airborne Task Force is an unstoppable combination of manpower and firepower. Now, Tom Clancy examines this elite branch of our nation's armed forces. With pinpoint accuracy and a style more compelling than any fiction, the acclaimed author of Executive Orders delivers an fascinating account of the Airborne juggernaut--the people, the technology, and Airborne's mission in an ever-changing world*Two Tom Clancy "mini-novels"--real world scenarios involving the airborne task force*Airborne's weapons of the 21st century, including the Javelin anti-tank missile, the fiber-optically guided N-LOS fire support system, and the Joint Strike Fighter*18 weeks: Life in an Airborne Alert Brigade*Exclusive photographs, illustrations, and diagramsPLUS: An in-depth interview with the incoming commander of the 18th Airborne Corps, General John Keen

Boeing 707, Douglas DC-8 & Vickers VC10

This book chronicles the story of the A-10, including program history, aircraft paint schemes, all units operating the aircraft and their markings, and selected nose art and ladder door art. Over 100 colorful official and unofficial patches of the units and combat operations involving the A-10 are included. The book also includes a description of the aircraft, its systems, and weapons.

Jane's American Fighting Aircraft of the 20th Century

During the Cold War, as part of its defense strategy against the Soviet Union, the U.S. was forced to establish means of massive long-range attack in response to Soviet advancements in weaponry. These defenses detected and tracked manned bomber aircraft, hostile submarines and missiles launched from the other side of the world. This book shows how these defenses evolved from fledgling stop-gap measures into a complex fabric of interconnected combinations of high-tech equipment over 40 years. Maps illustrate the extent of the geographic coverage required for these warning and response systems and charts display the time frames and vast numbers of both people and equipment that made up these forces.

A Concise History of the U.S. Air Force

The Aircraft-Spotter's Film and Television Companion

The Boeing B-47 Stratojet: Strategic Air Command's Transitional Bomber

Provides information on the history and development of U.S. military aircraft, including fighters, bombers, transport planes, reconnaissance planes, and helicopters

American Military Training Aircraft

The B-47 was the aircraft upon which Strategic Air Command (SAC) based its capability pending the development and delivery of the B-52. First proposed during WWII as a high-speed piston-powered reconnaissance platform, the B-47 evolved into what would become the first swept-wing, medium jet bomber and SAC's most numerous operational aircraft. Given its pioneering role as a jet bomber and the ongoing evolution of SAC's mission and US national security, the B-47 had more than its share of teething problems. Initial Boeing flight tests mixed triumph with tragedy, and demonstrated that an entirely new way of flying a large aircraft was required. Poor reliability in the bombing-navigation and fire-control systems undermined the effectiveness of early B-47Bs but were eventually overcome as the aircraft evolved to fill many different roles. Used as reconnaissance, weather, testbed and radio relay platforms, one variant, the EB-47E BLUE CRADLE, also demonstrated its versatility as an electronic warfare jammer while the RB-47H, ERB-47H, and EB-47E(TT) undertook electronic intelligence and gathered telemetry associated with the Soviet ICBM program. Authors Mike Habermehl and former SAC pilot Robert S. Hopkins III have combined years of research and experience to provide the ultimate history of

the Stratojet.

US Air Force

This new book covers the 388th TFW; a Composite Wing based at Korat RTAFB, Thailand, consisting of fighters, Wild Weasel aircraft, airborne jamming aircraft and AWACS aircraft. The author flew 133 combat missions in Southeast Asia in 1972, and was assigned to the 469th TFS, one of the two F-4E squadrons of the 388th TFW. The book discusses in detail the Wing, the Squadrons and the aircraft they flew: the F-4, F-105G Wild Weasel, A-7D, EB-66, EC-121, and C-130. Also covered are the mission types, as well as operations of the Wing during the Linebacker Campaign over North Vietnam. Narratives of all the 388th MiG kills and aircraft losses during 1972 are included. The book contains over 170 color and black and white photographs taken by the author, as well as theatre maps. A selection of official and unofficial flight suit patches is also included. Don Logan is also the author of Rockwell B-1B: SAC's Last Bomber, and Northrop's T-38 Talon: A Pictorial History(both titles are available from Schiffer Publishing Ltd.). 170 photos

Books in Print Supplement

"An information-packed handbook covering some 180 of the major military aircraft in service with the air forces of today Each aircraft is covered by text detailing its origins, history and variants, followed by a full technical specification; and each type is additionally illustrated in color and with a three-view diagram"--Jacket.

MILITARY AIRCRAFT OF THE WORLD

Except in a few instances, since World War II no American soldier or sailor has been attacked by enemy air power. Conversely, no enemy soldier or sailor has acted in combat without being attacked or at least threatened by American air power. Aviators have brought the air weapon to bear against enemies while denying them the same prerogative. This is the legacy of the U.S. Air Force, purchased at great cost in both human and material resources. More often than not, aerial pioneers had to fight technological ignorance, bureaucratic opposition, public apathy, and disagreement over purpose. Every step in the evolution of air power led into new and untrodden territory, driven by humanitarian impulses; by the search for higher, faster, and farther flight; or by the conviction that the air was the best way. Warriors have always coveted the high ground. If technology permitted them to reach it, men, women, and an air force held and exploited it – from Thomas Selfridge, first among so many who gave that “last full measure of devotion”; to “Women’s Airforce Service Pilot Ann Baumgartner, who broke social barriers to become the first American woman to pilot a jet; to Benjamin Davis, who broke racial barriers to become the first African American to command a flying group; to Chuck Yeager, a one-time non-

commissioned flight officer who was the first to exceed the speed of sound; to John Levitow, who earned the Medal of Honor by throwing himself over a live flare to save his gunship crew; to John Warden, who began a revolution in air power thought and strategy that was put to spectacular use in the Gulf War. Industrialization has brought total war and air power has brought the means to overfly an enemy's defenses and attack its sources of power directly. Americans have perceived air power from the start as a more efficient means of waging war and as a symbol of the nation's commitment to technology to master challenges, minimize casualties, and defeat adversaries. This eight-two page book concludes that "future conflicts will bring new challenges for air power in the service of the nation."

The Boeing KC-135 Stratotanker

Because of the important national defense contribution of large, non-fighter aircraft, rapidly increasing fuel costs and increasing dependence on imported oil have triggered significant interest in increased aircraft engine efficiency by the U.S. Air Force. To help address this need, the Air Force asked the National Research Council (NRC) to examine and assess technical options for improving engine efficiency of all large non-fighter aircraft under Air Force command. This report presents a review of current Air Force fuel consumption patterns; an analysis of previous programs designed to replace aircraft engines; an examination of proposed engine modifications; an assessment of the potential impact of alternative fuels and engine science and technology programs, and an analysis of costs and funding requirements.

Northrop's YF-17 Cobra

Few aviation subjects have been shrouded in more secrecy or been more controversial than Cold War aerial reconnaissance. Former reconnaissance pilot Robert S. Hopkins, III, offers new insights into strategic intelligence flights during the early years of the cold war. Primarily undertaken by RB-50s and RB-47s of the Strategic Air Command and by CIA U-2s, other Western nations such as Britain, Sweden, and Taiwan were equally committed to gathering intelligence about the Soviet Union and its allies, and conducted their own peripheral and overflight missions. Hopkins challenges longstanding beliefs that the flights served to prevent war, curtailed needless defense spending, and were undertaken by rogue generals bent on starting World War III. For the first time he shows the Soviet perspective on the flights, and makes a compelling case that reconnaissance flights did not have a sustained adverse effect on Soviet relations with the West. Using newly-declassified materials, interviews with crews and policy makers, and his own experience flying strategic reconnaissance missions, Hopkins links the daily operations of courageous fliers with decisions by presidents and prime ministers that decided the outcome of the Cold War.

The Vital Guide to Military Aircraft

Former USAF pilot Christopher Hocter examines the history and safety record of the Boeing KC-135 Stratotanker aircraft.

Airways

Presents more than one thousand entries drawn from the highly-respected Jane's annuals, covering major planes of each manufacturer, including the latest models

Republic's A-10 Thunderbolt II

What happens when a Seattle planemaker takes the most advanced, longest ranged, highest flying super bomber of World War II (the B 26 Superfortress) and adapts it as the longest ranged, highest flying transport of the immediate postwar world? The result was Boeing's Model 367, originally conceived as a long range transport that would have had a role in World War II if the campaign had gone longer, but which was adapted for the commercial market as the Model 377 Stratocruiser. It was the first commercial passenger plane that could provide non stop Transatlantic service. The Stratocruiser went on to serve with Pan American World Airways, Northwest Airlines, the British Overseas Airways Corporation (BOAC), and other airlines, flying both the Atlantic and the Pacific, as well as to the Middle East and South America. It became the gold standard of luxury and efficiency. When Elizabeth II made her first world tour as queen, she flew by BOAC Stratocruiser. And then there was the Cold War. To counter the Soviet nuclear threat, the Strategic Air Command (SAC) initiated an unprecedented build up of jet bombers. Because these lacked global range, SAC also required an exceptional build up of aerial refueling aircraft. The Model 367 became the KC 97, the first dedicated aerial refueling aircraft to be fielded in significant numbers, as 888 were built. As the family grew long in the tooth, yet another career awaited. Several of the original airframes were rebuilt as the inimitable "Guppies," the largest volume transports ever conceived. Working for NASA, they are credited with having made America's victory in the Space Race possible. This book tells and how service continued around the world, in the second decade of the twenty first century, one of the Guppies is still flying routine missions for NASA.

United States Military Aircraft Since 1909

Improving the Efficiency of Engines for Large Nonfighter Aircraft

Contact! is an enthralling set of recollections from ex-RAF pilot, instructor and test pilot Bob Tuxford. The book follows his twenty-year career within the RAF and describes highlights of active service across the world, including an accompanied

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exchange tour in the US Air Force and participation in the Falklands war. The title, a nod to the crucial response during air-to-air refuelling, underlines the important role that Bob carried out during his career as a captain of Victor K1s 214 Squadron in the 1970s, and K2s on 57 and 55 Squadrons in the early 1980s. This experience led to him playing a vital role in the first Black Buck mission during the Falklands campaign – by being the last Victor tanker to refuel the Vulcan piloted by Martin Withers before bombing commenced on that fateful night in 1982. For this, he was awarded the Air Force Cross for gallantry. In the latter years of his career, Bob made the transition to test piloting and became the senior test pilot on the heavy aircraft test squadron at the Aircraft and Armament Experimental Establishment, Boscombe Down. This book is not just for aviation enthusiasts, but for those wanting a greater insight into the importance of the work carried out by tanker squadrons within the RAF during the Cold War.

Jane's All the World's Aircraft

Warbirds pays special attention to the aircraft of America's Golden Age, 1919–1939, and the breakthrough technological developments of that era.

B-52G/H Stratofortress

Aerospace power in the twenty-first century a basic primer

The U.S. did not become the world's foremost military air power by accident. The learning curve--World War I, World War II, the Korean War, the Vietnam War, the Gulf War, and more recently the war on terror--has been steep. While climbing this curve, the U.S. has not only out-gunned the opposition, producing superior military aircraft in greater numbers than its foes, but has out-trained them, too. This book provides a comprehensive historical survey of U.S. military training aircraft, including technical specifications, drawings and photographs of each type of fixed and rotary-wing design used over a 98-year period to accomplish the first step of the learning process: the training of pilots and aircrews.

The Presidio Concise Guide to Military Aircraft of the World

The Northrop YF-17 holds a special place in aircraft history. The YF-17 was one of the two prototypes tested in the U.S. Air Force Air Combat Fighter competition, a program which attempted to reverse the trend of increasing cost and complexity of new fighter aircraft, and which resulted in the selection and manufacture of the F-16 as the next generation free world fighter. Even though the YF-17 lost the USAF competition, it was the prototype for the U.S. Navy's F/A-18 aircraft. Don Logan

is also the author of Rockwell B-1B: SAC's Last Bomber, The 388th Tactical Fighter Wing: At Korat Royal Thai Air Force Base 1972, and Northrop's T-38 Talon: A Pictorial History(all three available from Schiffer Publishing Ltd.).

Airborne

This second edition provides concise and complete coverage of every major combat aircraft in service, or under development, around the world. With nearly 120 fully revised and updated entries, it details the history, current status, and plans for each aircraft while providing full specifications and technical details for every type. This indispensable guide also covers many important second-line types. Illustrated in color. For military aviation enthusiasts.

The Cutting Edge

Includes authors, titles, subjects.

The Vital Guide to Military Aircraft

Few would have imagined when "Dix" Loesch and "Tex" Johnston took the KC-135A up for its maiden flight on August 31, 1956 that some 60 years later, it would still be in front-line active service around the world. What began as a jet-powered replacement for the KC-97 to refuel Strategic Air Command's growing B-47 and B-52 bomber fleet soon evolved into America's first military heavy jet transport, an airborne command post platform capable of surviving and then commanding America's nuclear war plan, a testbed that enabled scientists to study the Earth, send men to the Moon and understand the power of the atom. Other variants of the KC-135 included a reconnaissance airframe that monitors arms agreements, gathers intelligence to understand the intentions and capabilities of potential enemies and provides real-time intelligence in combat - beginning with the war in Southeast Asia, and continuing to ongoing conflicts in the Middle East and Southwest Asia. Today, tanker versions of the KC-135 remain in service with Chile, France, Singapore, Turkey, and the United States, while reconnaissance variants operate with Great Britain and the United States. This is a fully revised and expanded edition of the original bestselling 'Aerofax' book and includes operational histories of the 80+ unique types, as well as individual details for all 820 airplanes by serial number including first flight, delivery, changes in configuration, attrition, and retirement. Appendices cover all units, a summary of each accident, display and stored aircraft, and record-setting achievements. The author is a former USAF pilot qualified on 17 types of KC-135s, EC-135s, and RC-135s, who bring both personal experience and a broad historical understanding to this definitive work on one the most significant military aircraft of the Cold War and beyond.

Spyflights and Overflights

Boeing claimed the 707 as the airplane that made the world smaller and horizons larger. The DC-8 was developed a little later than the 707 and as a result was always playing catch up. Despite being a fine aircraft, the VC10 was too late to seriously challenge the 707 and DC-8, but today soldiers on in military service with the RAF as tankers and transports. This detailed work is filled with highlights of each aircrafts development plus a broad overview of its operational history. Legends of the Air 6. Sftbd., 8 1/4x 11, 186 pgs., 225 bandw ill., 60 color.

The Boeing C-135 Series

This is the story of the most successful pilot training jet ever produced: Northrop T-38 Talon. The history of the aircraft is broken down by the roles it has played in over thirty years of service including development and testing, pilot training, flight test support, NASA program support, air combat aggressor, aerial target, Thunderbird-USAF air demonstration team aircraft, companion trainer, and civilian test support. All units flying the T-38, their markings, and paint schemes are covered in over 300 color photographs-including a chart of colors used listing Federal Standard(RS) color numbers. Don Logan is also the author of Rockwell B-1B: SACs Last Bomber, and The 388th Tactical Fighter Wing: At Korat Royal Thai Air Force Base 1972(both titles are available from Schiffer Publishing Ltd.)

Super Snoopers

Subtitled: More Than Just a Tanker. This highly readable text follows the development and service use of this globe-trotting aircraft and takes you through tasks the KC-135 has performed such as transport, tanker, weather recce, reconnaissance and intelligence gathering, special ops, test-bed and more. Charts every variant and sub-variant. The most complete KC-135 history available. Sftbd., 8 1/2x 11, 224 pgs., 185 bandw ill., 50 color.

Investigating Optimal Replacement of Aging Air Force Systems

One of America's most daring and accomplished test pilots, Tex Johnston flew the first US jet airplanes and, in a career spanning the 1930s through the 1970s, helped create the jet age at such pioneering aerospace companies as Bell Aircraft and Boeing.

International Directory of Civilian Aircraft, 1999-2000

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The proposition that innovation is critical in the cost-effective design and development of successful military aircraft is still subject to some debate. RAND research indicates that innovation is promoted by intense competition among three or more industry competitors. Given the critical policy importance of this issue in the current environment of drastic consolidation of the aerospace defense industry, the authors here examine the history of the major prime contractors in developing jet fighters since World War II. They make use of an extensive RAND database that includes nearly all jet fighters, fighter-attack aircraft, and bombers developed and flown by U.S. industry since 1945, as well as all related prototypes, modifications, upgrades, etc. The report concludes that (1) experience matters, because of the tendency to specialize and thus to develop system-specific expertise; (2) yet the most dramatic innovations and breakthroughs came from secondary or marginal players trying to compete with the industry leaders; and (3) dedicated military R&D conducted or directly funded by the U.S. government has been critical in the development of new higher-performance fighters and bombers.

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