

Luftwaffe Secret Projects Fighters 1939 1945

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British Secret Projects 1: Jet Fighters Since 1950 - Tony Buttler 2017-01-05

The original version of this book described the development work from the end of WWII to build the new generation of British jet fighters, in doing so it lifted the lid on many projects and 'dead-ends' which had never been publically discussed. This was the book that launched the hugely successful 'Secret

Projects' series and the writing career of renowned historian and author Tony Buttler. This completely revised and redesigned second edition takes the original primary source material and adds to it new material that has come to life in the decades since the original edition was published. Particular emphasis is placed on the tender design competitions and the decisions at the Air Ministry to reject

many promising projects, yet allow others to be built and flown. Aircraft types covered include the Hawker P.1103/P.1116/P.1121 series, the extraordinary jet and rocket mixed power-plant interceptors from Saunders-Roe, the equally impressive Fairey 'Delta III' and the origins of today's Hawk and Eurofighter. The book includes appendices that list all the British fighter projects and specifications for this period. There are also a number of specially commissioned color renditions of 'might-have-been' types in contemporary markings, plus photographs and general arrangement 3-view drawings--over 400 illustrations in total. The result is a unique insight into the secret world of British jet fighter projects through the 'golden years' of the British aerospace industry, while also presenting a coherent picture of British fighter development and evolution.

X-Planes - Manfred Griehl

2012-10-24

Renowned German aviation

specialist Manfred Griehl has collected a unique and valuable selection of photographs of Luftwaffe projects that never made it into battle. They remained on the drawing board or at prototype stage either because they were deemed unsuitable or the developers simply ran out of time and the projects never went into production. Most photographs come from the development sites and testing grounds of the major manufacturers of Nazi Germany: companies such as Dornier, Junkers, Focke-Wulf and Heinkel all received funding from the government to develop bigger and faster aircraft. A huge amount of private testing went on with major organizations such as Daimler-Benz, BMW and Siemens investing huge amounts in new engine systems and other advances such as radar. This book also details the innumerable alterations that were made to existing service aircraft to equip them for new roles. There are examples of Fw190s developed for the delivery of chemical and

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toxic weapons, the high altitude Junkers EF 61, the early prototype WNF 342 helicopter as well as numerous examples of developmental jet fighters that could very well have been realized had it not been for the effectiveness of the Allied bombing campaign in restricting the supply of necessary materials.

Junkers Ju 287 - Uwe W Jack
2020-08-24

This is the story of an aircraft that might have changed the air-war in 1945/46. Lots of photos, drawings, information, data and more than 6000 words give a detailed insight into the development of this unique piece of aviation. When US troops in May 1945 moved into the Junkers aviation works in East Germany, they discovered two very unusual aircraft with forward-swept wings. They marveled at the first two prototypes for the Luftwaffe's new long-range jet-bomber - and handed them over to the Russians. The Junkers documents on swept wings found there, changed the aviation industry of the USA,

the United Kingdom, Russia, and other nations. Boeing immediately modified the design of its B-47 and B-52 under development. The Russians build further prototypes and learned much from this advanced aircraft. Uwe W. Jack in 1990 discovered documents that proved that all other publication to date on this aircraft had been wrong. He met the chief test pilot of Junkers, who had flown the prototype of the Ju 287 and got first-hand information on its behavior in the air. Uwe W. Jack shared his knowledge liberally with other authors - but now publishes his version. Don't miss the first part of the series - Aerospace History Files 01 !

[Century Series Fighters](#) - Mads Bangso 2021-07-22

Princes of Darkness - Claire Rose Knott 2008

An illustrated account of the careers of Heinrich Prince zu Sayn-Wittgenstein and Egmont Prince zu Lippe-Weissenfeld, two aristocrats who served in

the Luftwaffe's night fighter force.

Luftwaffe Squadrons 1939-45 -

Chris Bishop 2021-03-02
Organized by theater of operations and the many campaigns fought by the Luftwaffe, this richly illustrated volume describes in depth the various units on the front during key points in the war. It details the aircraft used by each unit, along with their individual and squadron markings. With information boxes accompanying full-color images, Luftwaffe Squadrons 1939-45 is essential for anyone interested in the German war machine.

Warplanes of the Luftwaffe -

David Donald 1994-01-01
Book illustrated with photos and cutaways of all types of German aircraft from the Second World War.

Soviet Secret Projects - Tony Buttler 2005

This is the latest among Midland's very successful 'Secret Projects' series. This, the second of three volumes covering Soviet secret aviation projects, is devoted to post-

World War II fighters and will include designs from famous bureaus such as Lavochkin, Mikoyan, Sukhoi, Yakovlev, Myasishchev, and Tupolev. The book covers early post-war fighters, competitions for the first-generation supersonic designs (MiG-21 and Su-7/-9), advanced designs of the 1960s which led to the MiG-2 and competitions to build the specifications which resulted in the MiG-29, Su-27, and MiG I-44. A number of previously unpublished Yakovlev designs from the late 1950s and early 1960s form a separate chapter, followed by another covering Yakovlev's VSTOL work. The book also describes the competition between design bureaus for orders and shows the progress made in aircraft design behind the Iron Curtain. It will give both experts and enthusiasts the chance to compare this work to Western aircraft programs of the era.

Luftwaffe Special Weapons

1942-45 - Robert Forsyth
2021-06-10

As the course of World War II turned against the Third Reich

after Stalingrad some of the most inventive and radical proposals, and designs, were put forward by armaments manufacturers, scientists and technicians, aircrew and even private individuals to the Reichsluftministerium (German Air Ministry) for consideration. Some proposals were destined never to leave the drawing board, while others not only underwent trials but were issued to operational units and used in action. In this fascinating new book, leading Luftwaffe historian Robert Forsyth examines the many different types of weapons that comprised the Luftwaffe's increasing potent arsenal during the second half of the war. This was the period that saw the development and adoption of aerial torpedoes, wire-guided rockets and missiles, batteries fired by photo-electric cells, chemical weapons, composite bombers and air-launched flying bombs.

Luftwaffe Fighters - NEIL.
PAGE 2021-08-18

Messerschmitt Me 262 - Dan

Sharp 2020-04-19

Projects and plans to alter and improve Germany's infamous WW2 jet fighter - the Me 262.

Luftwaffe - 2019-01-08

Luftwaffe: Secret Project

Profiles features more than 200 highly-detailed full color

profiles of jet-propelled aircraft designs produced in Nazi

Germany during the Second World War. Renowned aviation

artist Daniel Uhr has brought the original German

construction sketches and three-views to life like never

before - offering a whole new perspective on images

previously only seen as black and white line

drawings. Accompanying Daniel's artworks is a full

description of the competitions and requirements which

produced such a huge number of innovative and unusual

designs during the war, as well as descriptions of the designs

themselves, written by historian Dan Sharp and based

on the latest historical research. Offering a host of

different color schemes and detailed notes, this is

indispensable reading for enthusiasts and modelers alike.

Luftwaffe Secret Projects - Dieter Herwig 2003

Presents technical descriptions and histories of aircraft types used for ground attacks and special purposes by the Luftwaffe during World War II.

Eagles of the Luftwaffe: Focke-Wulf FW 190 A, F and G - Dan Sharp 2020-04-14

Full profile of the legendary German Second World War fighter.

Focke Wulf Jet Fighters - Justo Miranda 2017-12-14

The biggest success of the Focke Wulf company during the Second World War was the choice of a radial engine for the Fw 190 fighter, in this way avoiding to compete against Messerschmitt for the in line engines. The decision of the Oberkommando der Luftwaffe to assign the few turbojets available to the Messerschmitt and Arado firms and the discovery of the terrible aerodynamic effect known as compressibility buffeting by mid-1942, made the life of fighter designers of the time

very interesting. The Kurt Tank team proposed to install a centrifugal turbojet of his design in the nose of an Fw 190 A/3 with the intention of replacing it with a Jumo 004 B when available in 1943.

Several designs followed that were able to use all turbojets, turboprops, ramjets and rocket engines, either projected or at their disposal. They constitute the documental foundation of this book. After failing in the TL Jagdflugzeug contests in March 1943, Volksflugzeug in September 1944 and Hochleistungs Nachtjäger in January 1945, Focke Wulf could finally overcome its competitors with the great Jägernotprogramm design Ta 183. Although it was too late to intervene in the Second World War, it served as inspiration for numerous designs of other countries during the first years of the Cold War.

American Secret Projects: Fighters and Bombers of World War - Tony Buttler 2014-11-13

This volume describes the major fighter and bomber proposals from the American

aircraft industry for the period roughly 1937-1945.

Jet Fighters 1939 -1945 -

DAN. SHARP 2020-01-19
Germany's WW2 jet fighter development programmes comprehensively detailed.

Stormbird - Hermann Buchner 2019-02

Bomber pilots who become fighter pilots are rare, but Hermann Buchner was one. The author, a Luftwaffe NCO pilot and Knight's Cross holder gives a riveting account of his training with the pre-war Austrian air force, instructing with the Luftwaffe then the terrifying ground attack operations on the Eastern Front trying to stop the Russian juggernaut. Despite being shot down twice, Buchner himself targeted Il 2s, Yak 9s and Boston bombers who fell victims to his eagle eye. Later tasked with opposing the Allied daylight bombing raids into the heart of Germany, Buchner laboured to protect his homeland. Serving alongside many well-known aces and sometimes taking off from his home airfield while

under Soviet shellfire, he paints a picture of a man surviving against incredible odds, who became one of the elite with JG7 and learnt that the important thing with the Me 262 was to land near a convenient foxhole. Illustrated with many photographs, mostly from the author's personal collection together with colour profiles of his aircraft and opponents, Stormbird presents a remarkable insight into the life of a Luftwaffe pilot in WWII.

German Jet Engine and Gas Turbine Development,

1930-45 - Antony Kay
2002-07-08

The German war machine resulted in many innovations in jet engine and gas turbine development. The most noteworthy was the Me262, the world's first operational jet fighting aircraft.

Japanese Secret Projects - Edwin M. Dyer 2009

A fascinating insight into the largely untouched world of Japanese secret projects, many of which actually took to the skies in amidst the chaos of

World War II.

Luftwaffe Secret Projects -

Dieter Herwig 2000

This eagerly awaited companion volume to the enormously popular volume on fighters looks at the might-have-been strategic German bombers. Filled with transatlantic jets and projects that were on the drawing board or in prototype form at the war's end. Full color action illustrations in contemporary markings and performance data tables show vividly what might have been achieved had the war continued beyond 1945.

British Secret Projects -

Tony Buttler 2004

Provides descriptions, data, models, and photographs of British prototype military airplanes, from 1935 to 1950. *Postcards of Hitler's Germany -* Roger James Bender 1995

Soviet Air Force Fighter Colours 1941-1945 - Erik Pilawskii 2003

This book represents probably the most detailed study published in the English

language of the camouflage and markings of the fighter aircraft of the Soviet Air Force during World War II. Erik Pilawskii is a scholar of the Soviet Air Force in World War II and has undertaken several years of research to produce this ground-breaking book.

With information drawn from previously inaccessible Soviet archives, the author first presents a detailed analysis of the developments, trends, patterns and irregularities of the color systems seen on Russian fighters and offers a fascinating insight into the workings of the Soviet manufacturing system responsible for this task. He then brings readers a technical study of each of the main fighter aircraft and variants, and each description is followed by coverage of camouflage and markings, factory-applied, field variations and seasonal. The text is supported by hundreds of rare and previously unpublished photographs and more than 40 commissioned full color artworks. Furthermore,

hundreds of color illustrations portray the immense variety of patterns related to this fascinating subject. This book will be a must-have for all students of Soviet air power and Russian aircraft modelers.

German Aircraft Industry and Production, 1933-1945 -

Ferenc A. Vajda 1998

Beskriver den tyske flyindustri i perioden 1933-45, herunder de særlige forhold under 2. verdenskrig.

V2 - Murray Barber 2017-05-15

The A4 rocket, or V2 - 'Vergeltungswaffen Zwei'(Vengeance Weapon 2), was the most sophisticated weapon developed in Europe during the Second World War. From September 1944 to March 1945, launch teams fired more than 3,000 V2 rockets at targets in England, France, Belgium and even within Germany itself. Many V2s were fired from mobile launch sites and from concealed wooded areas, using fleets of transporters and trailers with sophisticated ancillary and support vehicles. After travelling at the edge of

space, the V2 fell without warning at supersonic speeds, turning suburban streets to dust in seconds and terrorizing civilians. Drawing on a wide range of archive sources, rare personal accounts and interviews conducted with personnel associated with the A4/V2 program, rocketry expert Murray R. Barber traces the origins of the V2 and presents a detailed view of the research conducted at the secret, experimental rocket-testing facility at Kummersdorf West and the vast, infamous base at Peenemünde. This important new work reveals the transformation of the rocket into a weapon of war and describes the A4 in detail as well as the intense and often difficult intelligence effort by the Allies to discover more about this highly secret and unprecedented weapon, and to destroy it. The author also describes the field-testing of the A4 rocket, its reliability problems and the remedies and compromises employed to deal with them. He reveals the activities of the SS and their

machinations to gain control of the rocket program from the Wehrmacht, as well as the subsequent operational deployment of the V2 in Operation Penguin, the 'vengeance' offensive against the British Isles. Illustrated throughout with rare and many previously unseen images (including color photographs), technical drawings and maps, this is the most comprehensive book ever on the V2, and includes important new details of the post-war development and testing of the rocket and its role in the dawning of the space age.

Luftwaffe X-Planes - Manfred Griehl 2015-03-25

From jet planes and high altitude aircraft to radar-equipped fighters configured to deliver chemical weapons, numerous Luftwaffe planes were designed and reached prototype stage but never made it into mass production or battle. Luftwaffe X Planes is a def

Luftwaffe Advanced Aircraft Projects to 1945 - Ingolf Meyer 2006

A highly illustrated history of German experimental secret project fighters and ground-attack aircraft in alphabetical order, starting with those manufactured by Arado and ending with Junkers. Volume 2 will cover projects manufactured by Lippisch through Zeppelin.

American Secret Projects - Tony Buttler 2007

Throughout aviation history there have been many aircraft designs that have failed to progress beyond the drawing board for a variety of reasons. The aircraft that have taken to the skies represent only a small percentage of those that were planned. This latest title in the highly successful 'Secret Projects' series is also the first to deal with United States aircraft. Compiled by Tony Buttler, who has been researching the subject for many years, this book examines the great variety of U.S. fighter designs between the end of World War II and the period immediately after the USA's withdrawal from Vietnam.

Secret Projects of the Luftwaffe

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- Vol 1 - Jet Fighters 1939-1945 - Dan Sharp 2020-09-22
Germany's air ministry was quick to grasp the potential of the jet engine as early as 1938 and by 1939 several German aircraft manufacturers were already working on fighter designs that would utilize this new form of propulsion. Rocket engines too were seen as the way of the future and companies were commissioned to design fighters around them. As the Second World War began, the urgent need to bring these advanced new types into production saw a host of innovative aircraft designs being produced which would eventually result in Messerschmitt's Me 262 jet fighter and the Me 163 rocket-propelled interceptor. And as the war progressed, efforts were increasingly made to find better ways of utilizing jet, rocket and latterly ramjet engines in fighter aircraft. Aviation companies from across Germany set their finest minds to the task and produced some of the most radical aircraft designs the world had

ever seen. They proposed rotating wing ramjet fighters, arrowhead-shaped rammers, rocket-firing bat-winged gun platforms, sleek speed machines, tailless flying wings, tiny mini fighters and a host of others ranging from deadly looking advanced fighters to downright dangerous vertical launch interceptors. Secret Projects of the Luftwaffe Volume 1: Jet Fighters 1939-1945 by Dan Sharp, based on original research using German wartime documents, offers the most complete and authoritative account yet of these fascinating designs through previously unseen photographs, illustrations and period documentation from archives around the world.

French Secret Projects 1: Post War Fighters - Jean-Christophe Carbonel 2016-06-15

Following World War II France made determined efforts to catch-up with other countries in developing high-performance aircraft and designed successful machines to fulfil the needs of the Arme

de l'Air, the Marine Nationale and compete in export markets. For the next twenty years they were the only aircraft manufacturers to investigate with equal effort, turbojet, ramjet and rocket propulsion for manned fighters, either taking advantage of German 'war-booty' technology or using national pre-war research. A few, such as the Leduc and Griffon ramjet-powered fighters, reached prototype form, the Trident rocket-interceptor advanced to the experimental series (pre-production) stage and the Ouragan, Mystere, Super-Mystere, Mirage III and Etendard were produced in quantity and went on to win export orders. Later, when the turbojet had won the race for the optimal propulsion system, many attempts were made to design variable-geometry aircraft (including the Mirage G series) and VTOL types (the SNECMA Coleoptere and Dassault Mirage IIIV), and there were even a few flying boat interceptor studies. In the late sixties, in the pursuit of

ever-higher speeds, Nord Aviation, Sud Aviation and primarily Avions Marcel Dassault also produced many Mach 3+ proposals. Period drawings, promotional art, photographs of prototype aircraft, mock-ups, wind tunnel and promotional models are all combined to present, for the first time in the English language, a complete view of French military aircraft design from the Liberation of France to the late twentieth-century.

Classic WWI Aircraft Profiles - Cerberus Publishing
2005-10-01

Seven chapters give potted histories of each of the types covered. Each is accompanied by line drawings, while 16 color plates show both normal camouflage and a selection of the personalized markings used by many of the aces.

Luftwaffe Secret Projects - Walter Schick 1997

Designs from Germany's aerodynamics engineers detail proposed military aircraft, including wing span and area, aspect ratio, length, height, weight, speed, and armament

British Secret Projects -

Tony Buttler 2018-02-28

Like fighters, many bomber projects were drawn by British aircraft manufacturing companies in times of potential or actual combat. While names such as Canberra, Vulcan, Victor, TSR2, Harrier and Tornado are known to many as they made it into the skies, the fact that so many other projects from different companies remained on the drawing board provides a rich diversity of 'might-have-been' aircraft designs ripe for coverage. As with *British Secret Projects 1: Jet Fighters Since 1950*, the author has researched extensively with particular emphasis on the design and development work that took place within various tender design competitions. Many little-known projects are included that help to illustrate how British bomber development changed against a backdrop of political upheaval, shrinking defense expenditure and technological advancement including supersonic flight, nuclear weapons and VTOL.

The story which starts with Britain's quest for a jet-powered Mosquito replacement and concludes with reference to the next leap forward, FOAS, an unarmed bomber flown by pilots on the ground.

Accompanied by detailed appendices of all British post-war bomber projects and specifications, color photographs and artwork, *British Secret Projects: Jet Bombers Since 1949* provides a wealth of detailed information on the fascinating world of Cold War secret bomber projects.

Blohm & Voss Bv 155 - Dan Sharp 2019-12-03

Design and development of an extreme high-altitude fighter for the Luftwaffe during WW2. [Flying Saucer Aircraft](#) - Bill Rose 2006

There has for many decades been a great deal of speculation around the world on whether flying saucers have any basis in reality.

Discounting such extra-terrestrial connections, what can be established as fact is that over the years a variety of

experimental aircraft designs have been made in different countries.

American Aircraft

Development of WWII -

Professor Department of Geography William Norton
2015-10-01

Focusing almost exclusively on official programs and aircraft that entered development, this book shows how U.S. aviation weapons progressed under the pressure of war. From the state of the art at the beginning of the war, to the advances during the conflict, armed photo reconnaissance, catapult launched seaplanes, autogyros and, amongst others, armed drones are covered in detail. Often described as less glamorous than fighters and bombers, these special types offer a unique contribution to aeronautical advancement.

German Secret Weapons of the Secret World War -

Ian Hogg 2015-02-04

The phrase 'German Secret Weapons' immediately conjures up images of the V-1 and V-2 missiles which bombarded London in 1944. But what of

the V-3 and V-4? What of Schmetterling, the Rochling shell, the Kurt bomb, the Hs293? These, and many other devices, were all part of the German secret armoury but are relatively unknown except to a handful of specialists. What of the German nuclear bomb? And the question of chemical warfare? The sheer magnitude of the secret weapon projects of the Third Reich is revealed in this comprehensive study written by one of the world's great experts on weaponry. The book explores the various fields in which the Germans concentrated their weapon development and discusses the multiplicity of ideas, the difficulties, and, in several cases, how these ideas were subsequently exploited by the victors. Although much of the German wartime development was not completed before the war's end, it nevertheless provided a foundation for a great deal of the munitions development which has since taken place. Comparisons with Allied projects are also drawn. This book explodes some of the

myths surrounding Hitler's secret weapons to reveal a truth all the stranger for being fact.

Strategy For Defeat: The Luftwaffe, 1933-1945 [Illustrated Edition] -

Williamson Murray 2015-11-06
Includes the Aerial Warfare In Europe During World War II illustrations pack with over 200 maps, plans, and photos. This book is a comprehensive analysis of an air force, the Luftwaffe, in World War II. It follows the Germans from their prewar preparations to their final defeat. There are many disturbing parallels with our current situation. I urge every student of military science to read it carefully. The lessons of

the nature of warfare and the application of airpower can provide the guidance to develop our fighting forces and employment concepts to meet the significant challenges we are certain to face in the future.

U.S. Experimental & Prototype Aircraft Projects - William Norton 2008-09-30

This book focuses on those American fighter projects of WWII that never reached combat forces, or only in a very limited manner. The book illuminates little known or minimally documented aircraft and projects that significantly advanced fighter design that never went into full-rate production and deployment.