

Sukhoi Su 17

Yefim Gordon, E. Gordon, Dmitriy Komissarov

Sukhoi Su-7/Su-17 E. Gordon, Yefim Gordon, Dmitriy Komissarov, 2011 Following on from the collection of successful 'Famous Russian Aircraft' titles, Yefim Gordon has teamed up with Keith Dexter and Dmitriy Komissarov to produce this insight into the Sukhoi fighter bomber family. In the early 1950s the reborn aircraft design bureau headed by Pavel O. Sukhoi started its renewed activities by creating two aircraft sharing the same fuselage design and powerplant – the delta-wing T-3 and the swept-wing S-1. The former became the progenitor of several interceptors, starting with the Su-9; the other aircraft became the Su-7 tactical fighter but soon evolved into the Su-7B fighter-bomber. Known to the West as the Fitter, the Su-7B and its improved Su-7BM and Su-7BKL versions formed the backbone of the Soviet fighter-bomber aviation. They were also exported to many friendly nations – first and foremost to some Warsaw Pact member states (Poland and Czechoslovakia), as well as to non-aligned nations like India, Algeria, Egypt, Iraq and others. The Fitter saw action in quite a few wars – the Indo-Pakistani border conflict of 1971, the Arab-Israeli wars. The initial Su-7 Fitter-A was superseded by the Su-17 which differed primarily in having variable-geometry wings. The prototype made its maiden flight in 1966; the production version completely supplanted the original Su-7 in Soviet Air Force service in the 1980s. The swing-wing Su-17 proved highly efficient in the Afghan War, earning the affection of the pilots who flew it. Its high combat capabilities were duly recognized abroad; apart from the Warsaw Pact (Poland, Czechoslovakia, East Germany, Hungary and Bulgaria), the Su-20 and Su-22 export variants were delivered to Egypt, Iraq, Peru, Yemen, Afghanistan and other nations. Iraq used its Su-22s against Iran in the war of 1980-88, and the ultimate Su-22M4 is still in service with the Polish Air Force – albeit with upgrades to make it compatible with NATO operational standards. This new title written by 3 aviation enthusiasts, including expert in the field Yefim Gordon, and is illustrated with a whole host of unpublished photos, as well as numerous line drawings and colour side views, which will undoubtedly be of interest to aviation enthusiasts and scale modellers alike. The in service and operators chapters feature insignia and unit badges/nose art worn by individual aircraft, making this a must have for any aviation and scale model enthusiast's collection.

Aerofax: Sukhoi Su-7/17/22 Yefim Gordon, 2004-05 Thorough Aerofax-series coverage is given here to the 'Fitter' family of Soviet fighters and fighter-bombers, with masses of fresh information and images emerging from previously unseen Russian sources. The Su-7 was first flown in 1958, with deliveries to the Soviet Air Force beginning in the same year. It could be seen as the Soviet contemporary of the F-100 Super Sabre. The original high-speed, highly-maneuverable single-seat fighter was developed in several versions and produced in large numbers for the VVS and Warsaw Pact countries during the 1960s. It was developed in the late 1960s with a completely new variable-sweep wing as the Su-17 fighter-bomber, again further modified during its long life to take on many other roles including reconnaissance, training and so on. The Su-22 was an export version of the Su-17, and the 'Fitter' family has served with many air forces in Europe, Libya, Peru, Vietnam and Syria.

Aeroplane: Su-22 M4 (NATO: Fitter-K) USSR Fighter-Bomber Adam Bialek, 2020-10-08 Photographic documentation of the plane, with visible construction details. Album contains photos without texts. **Aeroplane: Sukhoi**

Su-22 M4 (NATO: Fitter-K)USSR fighter-bomberTechnical dataSpan: 10,02 m (32.8 ft) swept - 13,65 m (42.65 ft) spreadLength: 62.3 ftTake-off: weight 36,155 lbMaximum speed: 1,000 ktCeiling: 49,870 ftRange: 1,376 NMArmament two 30 mm NR-30 cannons, R-60 guided air to air missiles, Ch-25 and Ch-29 guided air to surface missiles, rocket launchers and bombs of total weight of 8,818 lbPowerplant :AL-21F-3 turbojet engine rated at 30,000 lbf with afterburner
Fighter - bomber aircraft with variable wing geometry, a subsequent development version of Su-17 (export designation Su-20), equipped with more modern navigation and targeting systems. Su-17M4 (export designation Su-22M4) was the most advanced version, introduced in 1980, equipped with PrNK-54 mission system, coupled with the Orbita computer, enabling the automatic target approach and bomb release without the visual contact, and Klon laser targeting device for laser guided missiles. About 100 Su-22 were delivered to Poland during 1984 - 1985. After multiple overhauls and upgrades, these aircraft are still operated by Polish Air Force as the main type of strike aircraft.

Sukhoi SU-7/17/22 Yefim Gordon,2004

Sukhoi Su-22 Fitter Robert Pied,Nicolas Deboeck,2022-04-05 A complete photographic portrait of the SU-22 Fitter, the export version of the Russian Su-17; Russia's first swing-wing fighter.

Sukhoi Su-34 'Fullback': Russia's 21st Century Striker Hugh Harkins,2013-10-02 Su-34 The Su-34 'Fullback' was developed from the Su-27 'Flanker' interceptor/fighter as a fourth plus generation stike aircraft for service with the Russian Air Force. Conceived in the twilight years of the Soviet Union, the aircraft weathered the finacial crisis that gripped post cominist Russia following the collapse of the Soviet Union in the early 1990's, maturing into an advanced strike aircraft, deliveries to the Russian Air Force commencing in late 2006. The aircraft is currently in service with increasing numbers being ordered to replace that countries aging fleet of Su-24M/M2 strike aircraft. It is also planned for the Su-34 to replace the Su-24MR in the tactical reconnaissance role. This volume covers the program from conception to operational service with chapters describing the aircraft, systems and weapons, production, flight testing and initial service. The text is complimented by black and white photographs

Fitters in the Middle East Tom Cooper,Milos Sipos,2023-04-15 Since 1966, the backbone of the fighter-bomber fleet of the air forces of Algeria, Egypt, Iraq, Libya, Syria, and Yemen was - and sometimes still is - formed by Sukhoi-designed fighter-bombers.

Sukhoi Su-15 Yefim Gordon,Dmitriy Komissarov,2015-04-30 A history of this supersonic Soviet interceptor, including useful information for model makers. In the late 1950s, the Sukhoi Design Bureau, already an established fighter maker, started work on a successor to its Su-9 and Su-11 single-engined interceptors for the national Air Defense Force. Similar to its predecessors, the new aircraft, designated Su-15, had delta wings; unlike the Su-9/Su-11, however, it had twin engines and lateral air intakes freeing up the nose for a powerful fire control radar. First flown in May 1962, the Su-15 officially entered service in 1965 and was built in several versions, the late ones having cranked-delta wings and a more capable radar. Being an air defense fighter, the Su-15 frequently had to deal with intruders. Unfortunately the aircraft gained notoriety in two separate incidents involving shoot-downs of Boeing airliners (a 707 in 1978 and a 747 in 1983), both of which were South

Korean and had intruded into Soviet airspace on what were very probably clandestine spy missions. This book describes the developmental and service history of the Sukhoi Su-15, and contains a comprehensive survey of all model-making kits currently available on the market.

Sukhoi Su-27 Hans-Heiri Stapfer, 2007 The Soviet answer to the F-15 Eagle and response to the trend in US fighters design toward improved maneuverability. A supersonic all-weather counter-air fighter, the Su-27 is equipped with a look-down/shoot-down weapons system and beyond-visual-range air-to-air missiles. Its range, thrust-to-weight ratio and maneuverability are all significant improvements over earlier Soviet fighters; one of the world's foremost combat aircraft and a potent adversary. Over 200 color and b/w photos, line drawings and 10 color profiles; 80 pages.

Lock On Francois Verlinden, 1998-10-01

Sukhoi Su-27sm(3)/SkM Hugh Harkins, 2016-06-17 Sukhoi Su-27SM(3)/SKM - The purpose of this volume is to detail the Sukhoi Su-27SM(3)/SKM family of 4th+ generation multirole combat aircraft which emanated from an upgrade program for serial production Su-27S 4th generation air superiority fighter aircraft and a new build program for Su-27SKM and Su-27SM3 aircraft for the export and domestic markets respectively. The volume covers the evolution of the first generation Su-27 air superiority fighter, which was born out of the T-10 development program of the 1970's, leading to the 21st century Su-27SM(3)/SKM multirole combat aircraft through the anomaly that was the Su-30KI development of the late 1990's. No attempt is made to detail the plethora of developments that evolved from the Su-27 such as the two-seat Su-30 families, attention being fixed on the further development of the single-seat Su-27S into the Su-27SM(3)/SKM variants. All technical information regarding the aircraft, systems and weapons have been provided by the respective developers/manufacturers, as have many of the photographs and graphics. Certain elements of text, when pertinent, are taken from the volumes 'Sukhoi Su-35S 'Flanker' E, Russia's 4++ Generation Super-Manoeuvrability Fighter' and 'Sukhoi Su-30MKK/MK2/M2 - Russo Kitashiy Striker from Amur'.

Sukhoi Su-25: Famous Russian Aircraft Yefim Gordon, E. Gordon, Dmitriy Komissarov, 2020 The Su-25 ground attack aircraft made its first flight on February 22, 1972. After five years of tests the aircraft reached its definitive configuration with new engines, a revised airframe and new armament, entering certification trials which were completed in 1981. A year earlier, however, the initial production Su-25 had received its baptism of fire in the Afghan War. Gradually the Su-25 became the progenitor of a family. The Su-25UB combat trainer came first; the single-seater and two-seater were also built for export as the Su-25K/Su-25UBK. A new line of development began in 1979 with a series of single-seat 'tank buster' variants based on the Su-25UB's airframe but featuring more advanced sighting systems and weapons. The first of these was the Su-25T of 1984, followed by Su-25TM (Su-39) of 1993 making the Su-25 in the end the sole Russian light attack aircraft. The Su-25 has been widely exported, serving with air forces in Europe, Asia, the Middle East, Africa and South America. Apart from the Afghan War, it has seen action in Iraq, Angola, Congo, Eritrea, Ethiopia, Macedonia, Côte d'Ivoire, Sudan and in conflicts between the former Soviet republics. More recently the Frogfoot has been used in the Russian participation in the civil war in Syria War. The book describes the full development and service history of the Su-25, featuring fleet lists and a

design descriptions. It is illustrated throughout with numerous photos and color profiles.

Russian Airplanes Coloring Book for Adults 1 & 2 Nick Snels, 2021-03-23 When you buy this book you get an electronic version (PDF file) of the interior of this book. 80 coloring pages filled with sideviews of airplanes used in Russia. Perfect for all airplane or aircraft lovers. The book features the following airplane models: Ansaldo A.1 Antonov An-12 Antonov An-22 Antei Antonov An-225 Mriya Antonov An-24 Antonov An-26 Antonov An-26RT Antonov An-28 Cash, Pzl M28 Skytruck Antonov An-2 Antonov An-72 Antonov An-8 Bell P-39 Airacobra Bell P-63A-C Kingcobra Bell P-63D-E Kingcobra Bell RP-63C Beriev A-50 Beriev Be-10 Beriev Be-12 Chayka Boeing B-29 Superfortress Convair F-102 Delta Dagger Curtiss P-40 Warhawk Douglas C-47 Skytrain Gloster Gladiator Handley Page Hampden Heinkel He 111 Ilyushin Il-2 Shturmovik Ilyushin Il-38 Dolphin Ilyushin Il-4 Ilyushin Il-76 Lavochkin La-5 Lavochkin La-7 LVG C.VI Mikoyan MiG-27K Mikoyan MiG-29 Mikoyan MiG-31 Mikoyan-Gurevich MiG-17 Mikoyan-Gurevich MiG-19 Mikoyan-Gurevich MiG-23 Mikoyan-Gurevich MiG-25 Ye-155P-1 Mikoyan-Gurevich MiG-25R Mikoyan-Gurevich MiG-25RB Mikoyan-Gurevich MiG-9 Morane-Saulnier AI Morane-Saulnier N Nieuport 17 Petlyakov Pe-2 Petlyakov Pe-8 Polikarpov I-153 Chaika Polikarpov I-15 Polikarpov I-15bis PZL P.11 PZL P.7 PZL.37 Los Sopwith Camel SPAD S.VII Sukhoi Su-15 Sukhoi Su-17 Sukhoi Su-24 Sukhoi Su-24m Sukhoi Su-25 Grach Sukhoi Su-27 Flanker Sukhoi Su-27 T-10 Flanker A Sukhoi Su-27 Sukhoi Su-34 Sukhoi Su-7 Sukhoi Su-9 Supermarine Spitfire Mk XII Tupolev Tu-105 Tupolev Tu-128 Tupolev Tu-16 Tupolev Tu-22B Tupolev Tu-22KPD Tupolev Tu-22M Backfire Tupolev Tu-22M3 Backfire Tupolev Tu-22RDM Tupolev Tu-95 Yakovlev Yak-17 Yakovlev Yak-23 Yakovlev Yak-25 Flashlight A - Mandrake Yakovlev Yak-27p Flashlight B Yakovlev Yak-27r Mangrove Yakovlev Yak-28I Yakovlev Yak-28P Yakovlev Yak-28R Yakovlev Yak-36 Yakovlev Yak-3 Yakovlev Yak-9 Use your favorite colors and art supplies to create personal masterpieces while you relax in comfort. Like all our coloring books, these designs are carefully crafted to unleash your inner coloring artist. Highly personal gift for someone who loves flowers. Single-sided printing keeps all your work pristine. Hours of relaxation and fun. Accessible and fun for every skill level. Adults and teens who color add relaxation, beauty, and joy to their lives. Experience improved focus and attention to detail. Replace negative thoughts with positive ones. Reduce stress and anxiety with the mindfulness of coloring. Get better sleep when you color before bed. Ready to experience these benefits for yourself or give them to someone special? Click Add to Cart at the top of this page. Learn more and see our entire collection of coloring books at www.coloringartist.com or contact us at info@coloringartist.com. If you enjoy your book, please return to this page and leave a positive review to help us reach more people like you.

Tupolev Tu-16 Badger Yefim Gordon, Vladimir Rigmant, 2004-06-21 The establishment of NATO posed the need for the Soviet war machine to create a fast jet bomber capable of reaching targets throughout Western Europe and combatting the carrier task forces with which the US Navy could throw its weight around the world. The basic Tu-16 which first flew in the mid-1950s was developed into nearly 50 versions adopted for various roles, including nuclear-capable bombers, anti-shipping missile strike aircraft, torpedo-bombers and minelayers, numerous reconnaissance and ECM variants, assorted development aircraft for testing new engines, avionics and systems. The Tu-16

even found civil uses as a fast mailplane and a weather research/rainmaking aircraft! The Badger, as the bomber was known to the West, served as the basis for the Soviet Union's first jet airliner, the Tu-104. The nearly 1,500 Tu-16s built in the Soviet Union were an important factor in preventing all-out military confrontation between the East and the West. Since the mid-1950s and until the 1980s the Badger has been a regular picture on the pages of the Western press, snooping around Western naval groups every now and then. The type also had its share of 'hot' wars, getting its baptism of fire in the Six-Day War of 1967. Apart from three factories in the USSR, the Tu-16 was built under license in China as the H-6 and remains in service with the People's Liberation Army Air Force. Other foreign users were Egypt, Indonesia and Iraq. All known versions are described and a full account is given of the Tu-16's operational career in the USSR and abroad during the Cold War and in the days after that when many of the surviving Badgers were used as target drones. The book features many previously unpublished photos and a detailed production list.

The Sukhoi Su-24 Stanisław Krzysztof Mokwa, 2020-02-19 Su-24 (Fencer) is a Soviet jet bomber with variable-geometry wings. The aircraft was supposed to be a response to the American F-111, and therefore it's structurally similar. Su-24 can operate in any weather conditions, also at night. It was designed to carry tactical nuclear weapons. In the 1960s, the military command of the Soviet Union set requirements for a new attack aircraft that would be able to operate despite strong anti-aircraft defense of NATO troops. An aircraft was expected to fly on a very low altitude at a very high speeds. Initially, it was based on Su-7 and Su-15 airframes, but due to the decision to use variable-geometry wing, it was necessary to build a completely new structure. Variable geometry allowed to achieve high speeds while maintaining good takeoff and landing characteristics. This is how Su-24 was born. The first prototype was flown on July 2, 1967 (marked as T6-1), and the second on January 17, 1970 (T6-2I). Variable-geometry wings were only used in the second prototype. In December 1971, the first serial Su-24 was built, but due to the prolonged acceptance tests (lasting until 1974), the aircraft officially did not become operational until February 1975. Su-24 was named Fencer in the NATO code.

Air Force and Space Digest ,1995

Flight Craft 5: Sukhoi Su-15 Yefim Gordon, 2015-04-30 In the late 1950s, the Sukhoi Design Bureau, already an established fighter maker, started work on a successor to its Su-9 and Su-11 single-engined interceptors for the national Air Defence Force. Similar to its predecessors, the new aircraft designated Su-15 had delta wings; unlike the Su-9/Su-11, however, it had twin engines and lateral air intakes freeing up the nose for a powerful fire control radar. First flown in May 1962, the Su-15 officially entered service in 1965 and was built in several versions, the late ones having cranked-delta wings and a more capable radar. Being an air defence fighter, the Su-15 frequently had to deal with intruders. Unfortunately the aircraft gained notoriety in two separate incidents involving shoot-downs of Boeing airliners (a 707 in 1978 and a 747 in 1983), both of which were South Korean and had intruded into Soviet airspace on what was very probably clandestine spy missions.??This book describes the developmental and service history of the Sukhoi-Su-15, containing a comprehensive survey of all model-making kits currently available on the market.

International Warbirds John C. Fredriksen, 2001-08-01 In depth descriptions and photographs of the aircraft of 21 nations presented with a unique human dimension that goes behind the machines to the people involved. Invaluable for specialists, accessible to enthusiasts, *International Warbirds: An Illustrated Guide to World Military Aircraft, 1914–2000* puts the most legendary fighter aircraft of the 20th century developed outside the United States on vivid display. It offers 336 illustrated biographies of the most significant warplanes used in squadron service from World War I to the Balkan conflict, including numerous models from Great Britain, France, Russia, and Japan, as well as notable machines from Israel, Canada, China, India, Brazil, and other nations. Entries span the history and scope of military aircraft from bombers and fighters to transports, trainers, reconnaissance craft, sea planes, and helicopters, with each capsule history combining nuts-and-bolts technical data with the story of that model's evolution and use. Together, these portraits offer an exciting, well-researched tribute to visionary designers and builders as well as courageous pilots and crews across the globe, and tell a vivid tale of how air power became such a decisive factor in modern warfare.

Sukhoi Su-57-Op/HS Yefim Gordon, Dmitriy Komissarov, 2021 As early as 1979, Soviet aircraft designers started work on a program called I-90, a fighter for the 1990s. Two Soviet aircraft design bureaus took on the task, Mikoyan and Sukhoi. Work began in 1983 but with the dissolution of the Soviet Union the project stalled. In 2002 the Russian government kicked off a new program under which Sukhoi began development of what was then known as PAK FA (Future Tactical Aviation Aircraft System). Known in house as the T-50, this aircraft strongly resembled the American F-22 Raptor in overall appearance. The first prototype took to the air on January 29, 2010 and in 2017 the fighter was allocated the service designation Su-57. In 2018 the aircraft had its combat debut when four of the prototypes were briefly deployed to Syria during the Russian campaign against the IS terror network in that country. Production was officially launched in May 2019, with the Russian Air Force having 70-plus on order. This work charts the development and trials history of the 1.44, Su-47 and Su-57, as well as other project versions that did not make it to the hardware stage. It is illustrated with numerous previously unpublished photos and drawings.

Sukhoi Fitters in Action Hans-Heiri Stapfer, Don Greer, 1989-01-01 Beskriver de russiske jagerbombere Sukhoi Su-7, -17 og -22.

Sukhoi Su 17 Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has been more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Sukhoi Su 17**," published by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

Table of Contents Sukhoi Su 17

1. Understanding the eBook Sukhoi Su 17
 - The Rise of Digital Reading Sukhoi Su 17
 - Advantages of eBooks Over Traditional Books
2. Identifying Sukhoi Su 17
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Sukhoi Su 17
 - User-Friendly Interface
4. Exploring eBook Recommendations from Sukhoi Su 17
 - Personalized Recommendations
 - Sukhoi Su 17 User Reviews and Ratings
 - Sukhoi Su 17 and Bestseller Lists
5. Accessing Sukhoi Su 17 Free and Paid eBooks
 - Sukhoi Su 17 Public Domain eBooks
 - Sukhoi Su 17 eBook Subscription Services
 - Sukhoi Su 17 Budget-Friendly Options
6. Navigating Sukhoi Su 17 eBook Formats
 - ePub, PDF, MOBI, and More
 - Sukhoi Su 17 Compatibility with Devices
 - Sukhoi Su 17 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sukhoi Su 17
 - Highlighting and Note-Taking Sukhoi Su 17
 - Interactive Elements Sukhoi Su 17
8. Staying Engaged with Sukhoi Su 17
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sukhoi Su 17
9. Balancing eBooks and Physical Books Sukhoi Su 17
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Sukhoi Su 17
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Sukhoi Su 17
 - Setting Reading Goals Sukhoi Su 17
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Sukhoi Su 17
 - Fact-Checking eBook Content of Sukhoi Su 17
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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