



# Sukhoi Su24 Rubian Aircraft In Action

**Hugh Harkins**



## **Sukhoi Su24 Rubian Aircraft In Action:**

**Sukhoi Su-24 Fencer** E. Gordon, Yefim Gordon, Keith Dexter, 2005 The Fencer with its distinctive three position variable geometry wings is the Soviet counterpart to the American F 111 though somewhat smaller and lighter and to a lesser extent the Tornado Its origins certainly owed a lot to Soviet observation of the American TFX competition and the resulting swing wing variable geometry solutions First flown in 1971 it entered service from 1974 as a replacement for the Yak 28 and remains an important part of the Russian VVS inventory with several hundred having been in service It is able to carry a wide range of air to surface missiles and is capable of carrying out precision attacks in hostile airspace at night or during poor weather Much larger and more capable than previous Soviet aircraft it combines great penetrative ability with a heavy and varied bomb load but is such a versatile airframe that it has also been developed in various other versions including tactical bomber electronic warfare and reconnaissance As usual with the Aerofax series this book includes extensive detail of systems equipment weapons etc and a plethora of previously unpublished photographs and drawings Sukhoi Fighters in Action

Hans-Heiri Stapfer, Don Greer, 1989-01-01 Beskriver de russiske jagerbombere Sukhoi Su 7 17 og 22 *Sukhoi Su-24* Yefim Gordon, Dmitriy Komissarov, 2015 Developed in the Soviet Union in the 1960s the Su 24 tactical bomber has become one of the most successful aircraft in its class Featuring delta wings and auxiliary lift engines meant to improve its field performance the first prototype turned out to be more of a liability than an asset and the aircraft was redesigned to have variable geometry wings The Su 24 had its baptism of fire in the Afghan War and was also exported to Iraq Iran Algeria Libya and Syria seeing action in some of these countries At home Russian Air Force Su 24s were heavily involved in the first and second Chechen campaigns and the type has undergone a mid life update allowing it to carry precision guided munitions and is still going strong Illustrated with over 750 photographs many previously unpublished as well as line drawings color side views insignia unit badges and nose art this latest addition to the Famous Russian Aircraft series will be of interest to aviation enthusiasts and scale modelers alike *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

Su-25 Frogfoot in Action Hans-Heiri Stapfer, Don Greer, Tom Tullis, 1992-01-01      **Sukhoi Su-25 Frogfoot** Robert Pied, Nicolas Deboeck, 2021-06 Walk around and action photography of the Su 25      **MiG-23/MiG-27 (Russian Aircraft in Action)** Yefim Gordon, 2004-01-01      **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-34 Fullback** Robert Pied, Nicolas Deboeck, 2023-06-30 A unique look at the Su 34 Fullback the first complete walk around of the huge fighter bomber in service with the Russian Air Force since 2014 Includes never before published action photography which shows the versatility of the aircraft      *Sukhoi Su-25 Frogfoot* Yefim Gordon, 2004-09-30 The Sukhoi Su

25 Frogfoot is one of the world s most effective close air support aircraft and is the only true armored attack aircraft still in production The State trials of the aircraft were completed in December 1980 and it became operational in the following year During the production run a number of improvements were incorporated derived from experience gained during operations in the Russian campaign against Afghanistan Throughout the entire Afghan campaign Su 25s launched a total of 139 guided

missiles of all types against Mujahideen positions On average each aircraft performed 360 sorties per year which was considerably higher than any other combat type in Afghanistan By the end of the war the number of Su 25s deployed to Afghanistan had reached around 50 and they had carried out a total of 60 000 sorties **Sukhoi Su-27** Yefim Gordon,2007

In the late 1960s the Soviet Union became aware that the U S was developing a new generation of jet fighters that had an exceptional range heavy armor and great agility in the air These U S aircraft the F 14 Tomcat F 15 Eagle F 16 Fighting Hornet and F A 18 Hornet dominated U S air power for three decades In the context of the Cold War the Soviets could not be seen to be lagging behind the Americans Their response to these new U S aircraft was the Sukhoi Su 27 Flanker which was designed as a long range air superiority aircraft and interceptor The first of the modified pre production aircraft appeared in 1981 but it was not until 1984 that significant numbers of the Su 27 started to enter service Eventually some 680 Su 27 were built for the Soviets of which 400 remain in service with the Russian Tactical Air Force today Outside of Russia the Su 27 is also in service with the Chinese and on the inventories of the air forces of Vietnam Malaysia Ethiopia Indonesia Syria and Angola This book describes in depth the development operational career history and variants within the Su 27 family The book incorporates color and black and white photos to portray some of the various camouflage schemes carried by the type in Soviet Russian and other air forces over the past two decades Sukhoi Su-30 Mkk/Mk2/M2: Russo-Kitayshiy Striker from Amur Hugh Harkins,2015-10-27

The Su 30MCK MK2 M2 family of combat aircraft share the same numerical designation as the Su 30MK MKI SM family of multi role combat aircraft which were clearly derived from the Su 30M which was itself derived from the Su 27UB two seat operational conversion variant of the Su 27S single seat air superiority fighter However the numerical designation and some first glance looks aside the Su 30MCK family is fundamentally a different design from the Su 30MKI family in terms of primary design role internal systems and structure certainly in regards to the latter the aircraft having more in common with the Su 27M first generation Su 35 than the Su 27UB or Su 30M This volume covers the evolution of the Su 30 design from the Su 27 which was born out of the T 10 development program of the 1970 s The evolution of the Su 30M interceptor into the multi role Su 30MK is described The Su 30MCK is covered in detail as are the improved Su 30MK2 for the export market and the Su 30M2 strike fighter developed for the Russian Federation Air Force The aircraft and systems are described in detail as are the weapons that can be employed by the respective variants The enigma that is the Su 35UB is included as that aircraft in regards to structure has more in common with the Su 30MCK family than any other Su 27 family variant All technical information regarding the aircraft systems and weapons have been provided by the respective manufacturers as have many of the photographs and diagrams Elements of the first and fifth chapters borrow certain texts from the volumes Sukhoi Su 35S Flanker E Russia s 4 Generation Super Manoeuvrability Fighter and Sukhoi T 50 PAK FA Russia s 5th Generation Stealth Fighter Sukhoi Su-35s Flanker E Robert Pied,Nicolas Deboeck,2021-08-31

The first close up look at the newest version of the Flanker recently taken into service by the Russian

Air Force Including spectacular never before seen details such as cockpit thrust vectoring engine exhausts and more

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 strike aircraft for service with the Russian Air Force Conceived in the twilight years of the Soviet Union the aircraft weathered the financial crisis that gripped post communist 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

**Su-33: Russia's Carrier-Borne Strike Fighter** Hugh Harkins,2019-07-07 The intent of this volume is to detail the Sukhoi Su 33 Su 27K fourth generation naval strike fighter aircraft design procured for service aboard the Soviet Union later Russian Federation Project 1143 5 Aircraft Carrying Heavy Cruiser Admiral of the Fleet of the Soviet Union Kuznetsov The volume covers the evolution of the T 10K which was developed for service as the Su 33 and the limited updates introduced All technical information regarding the aircraft systems and weapons have been provided by the respective designers developers as has most of the graphic material with technical and graphic input from other entities such as the Ministry of Defence of the Russian Federation Certain elements of text where pertinent are taken from the volume Sukhoi Su 27SM 3 SKM Harkins 2016 and Russian Soviet Aircraft Carrier Carrier Aviation Design Evolution Volume 2 Harkins 2017 No attempt is made to detail the Su 27KUB experimental design or the Chinese Su 33 copy the Shenyang J 15 which are outside the scope of the volume although both are referred to in the addendum

**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

**U-2 Spyplane in Action** Larry Davis,1988-01-01 Shows and describes the characteristics of the U S spyplane looks at its special features and discusses the plane s mission

## Reviewing **Sukhoi Su24 Rubian Aircraft In Action**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Sukhoi Su24 Rubian Aircraft In Action**," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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