

Sukhoi Su-15: The Boeing Killer – The Ultimate Guide to the Legendary Soviet Interceptor

Prepare to be captivated by the gripping tale of the Sukhoi Su-15, a legendary Soviet interceptor aircraft that earned the formidable title of "Boeing Killer" during the height of the Cold War. This comprehensive guide invites you on an enthralling journey through the Su-15's remarkable history, innovative design, and extraordinary combat prowess. Delve into the thrilling narratives of its pilots, unravel the captivating stories behind its development, and witness the legacy of this exceptional aircraft that continues to enthrall aviation enthusiasts around the globe.



Sukhoi Su-15: The Boeing Killer (FlightCraft Book 5)

by Yefim Gordon

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A Legacy Born in the Skies: The Genesis of the Sukhoi Su-15

The Sukhoi Su-15 emerged as a formidable response to the growing threat posed by high-altitude reconnaissance aircraft, particularly the American

Boeing B-52 Stratofortress. Soviet military strategists recognized the urgent need for a dedicated interceptor capable of intercepting and neutralizing these advanced aircraft. Thus, the Su-15 was born, designed to excel in high-altitude, high-speed interceptions, ensuring the protection of Soviet airspace.



The Su-15's maiden flight took place on May 30, 1962, marking a significant milestone in Soviet aviation history. Test pilots praised its exceptional handling characteristics, impressive climb rate, and powerful armament, recognizing its potential as a formidable air defense weapon. As the Su-15 underwent further development and refinement, it gained the reputation of being a highly capable and reliable interceptor.

Unveiling the Secrets of Soviet Engineering: The Su-15's Design and Technology

The Sukhoi Su-15 showcased the pinnacle of Soviet aircraft design and engineering. Its sleek and aerodynamic airframe, meticulously crafted from lightweight alloys, enabled it to reach supersonic speeds with remarkable efficiency. The aircraft's distinctive twin tail booms provided exceptional stability and control, even at extreme altitudes and during high-speed maneuvers.



The powerful Tumansky R-13-300 engine, the heart of the Su-15's impressive performance.

At the heart of the Su-15's impressive performance was the powerful Tumansky R-13-300 turbojet engine, delivering exceptional thrust-to-weight ratio and enabling the aircraft to climb to altitudes exceeding 20,000 meters. The Su-15's cutting-edge avionics suite, featuring advanced radar systems and fire control computers, provided the pilots with unparalleled situational awareness and targeting capabilities.

Forged for Combat: The Su-15's Devastating Arsenal

The Sukhoi Su-15 was armed with a formidable array of weaponry, designed to neutralize enemy aircraft with deadly precision. Its primary armament consisted of two twin-barreled R-98 air-to-air missiles, renowned for their exceptional range and accuracy. The R-98 missiles, guided by the Su-15's advanced radar systems, could effectively engage targets at high altitudes and supersonic speeds.



Complementing the R-98 missiles, the Su-15 also boasted two NR-30 autocannon, mounted in the nose of the aircraft. These powerful cannons, firing explosive rounds at a



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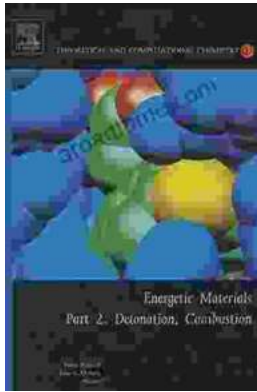
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Steamy Reverse Harem with MFM Threesome: Our Fae Queen

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The Ultimate Guide to Energetic Materials: Detonation and Combustion

Energetic materials are a fascinating and complex class of substances that have the ability to release enormous amounts of energy in a short period of time. This makes them...