

# Rolling Thunder 1965 68 Johnson S Air War Over Vi

**Gradual Failure** Jacob Van Staaveren, United Air Force. 2012-05-25 The U.S. Air Force reached its nadir during the opening two years of the Rolling Thunder air campaign in North Vietnam. Never had the Air Force operated with so many restraints and to so little effect. These pages are painful but necessary reading for all who care about the nation's military power. Van Staaveren wrote this book near the end of his distinguished government service. He was an Air Force historian in Korea during the Korean War and he began to write about the Vietnam War while it was still being fought. The War in South Vietnam John Schlight. 1988 United States Air Force in Southeast Asia. Documents the Air Force's support of the ground war in South Vietnam from 1965 to early 1968. Includes sections on the air campaign conducted during the Communists' siege of the Marine camp of Khe Sanh. Also contains several appendices, a glossary, and bibliographical notes.

*Bloody Sixteen* Peter Fey (Naval commander). 2018-05 Strategy and reality collide in Peter Fey's gripping history of aircraft carrier USS Oriskany's three deployments to Vietnam with Carrier Air Wing 16 (CVW-16). Its tours coincided with the most dangerous phases of Operation Rolling Thunder, the ill-fated bombing campaign against North Vietnam, and accounted for a quarter of all the naval aircraft lost during Rolling Thunder--the highest loss rate of any carrier air wing during Vietnam. The Johnson administration's policy of gradually applied force meant that Oriskany arrived on station just as previous restrictions were lifted and bombing raids increased. As a result CVW-16 pilots paid a heavy price as they ventured into areas previously designated off limits by Washington DC. Named after one of the bloodiest battles of the Revolutionary War, the Oriskany lived up to its name. After two years of suffering heavy losses, the ship caught fire--a devastating blow given the limited number of carriers deployed. With only three months allotted for repairs, Oriskany deployed a third and final time and ultimately lost more than half of its aircraft and more than a third of its pilots. The valor and battle accomplishments displayed by Oriskany's aviators are legendary, but the story of their service has been lost in the disastrous fray of the war itself. Fey portrays the Oriskany and its heroes in an indelible memorial to the fallen of CVW-16 in hopes that the lessons learned from such strategic disasters are not forgotten in today's sphere of war-bent politics.

**Bombing to Win** Robert A. Pape. 2014-04-11 From Iraq to Bosnia to North Korea, the first question in American foreign policy debates is increasingly: Can air power alone do the job? Robert A. Pape provides a systematic answer. Analyzing the results of over thirty air campaigns, including a detailed reconstruction of the Gulf War, he argues that the key to success is attacking the enemy's military strategy, not its economy, people, or leaders. Coercive air power can succeed, but not as cheaply as air enthusiasts would like to believe. Pape examines the air raids on Germany, Japan, Korea, Vietnam, and Iraq as well as those of Israel versus Egypt, providing details of bombing and governmental decision making. His detailed narratives of the strategic effectiveness of bombing range from the classical cases of World War II to an extraordinary reconstruction of airpower use in the Gulf War, based on recently declassified documents. In this now-classic work of the theory and practice of airpower and its political effects, Robert A. Pape helps military strategists and policy makers judge the purpose of various air strategies, and helps general readers understand the policy debates.

Naval Air War U. S. Department Navy. 2016-10-28 Naval Air War: The Rolling Thunder Campaign is the sixth monograph in the series The U.S. Navy and the Vietnam War. It covers aircraft carrier activity during one of the longest sustained aerial bombing campaigns in history. And it would be a failure. The U.S. Navy proved essential to the conduct of Rolling Thunder and by capitalizing on the inherent flexibility and mobility of naval forces,

the Seventh Fleet operated with impunity for three years off the coast of North Vietnam. The success with which the Navy executed the later Operation Linebacker campaign against North Vietnam in 1972 revealed how much the service had learned from and exploited the Rolling Thunder experience of 1965-1968.

**Anti-Aircraft Artillery in Combat, 1950-1972** Mandeep Singh.2020-04-30 Anti-aircraft artillery was extensively used in combat in the First World War, though such weapons had made their debut in the Franco-Prussian War in 1870, when the besieged French used balloons for observation and communication and the Prussians used the first custom built 1-pounder gun to try and shoot them down. It was, however, not until the Second World War that anti-aircraft artillery came into prominence, shooting down more aircraft than any other weapon and seriously degrading the conduct of air operations. In the battle between the attackers and anti-aircraft artillery, the latter had the upper hand when the war ended. The post-war years saw a decline in anti-aircraft artillery as peace prevailed, and the advent of the jet aircraft seemed to tilt the balance in favour of the aircraft as they flew faster and higher, seemingly beyond the reach of anti-aircraft artillery. It would take all the hi-tech equipment and the guile and cunning that anti-aircraft artillery could muster to try and reclaim pole position. It is that story, of the tug of war between the aircraft and artillery, that forms the narrative of this book - as it traces the history of combat employment of anti-aircraft artillery from the Korean War, in effect the first Jet Age war, to the War of Attrition between Arab states and Israel when the missiles came of age, sending the aircraft scurrying for cover. *Anti-Aircraft Artillery in Combat, 1950-1972* is the first attempt to look at the combat performance of ground-based air defences, incorporating the views, analyses and experiences of Soviet, Arab and South Asian Armies. The book looks at the major wars between 1950 and 1972, including the Korean War, Vietnam War, the wars in South Asia in 1965 and 1971, and conflicts in the Middle East, such as the Six Day War.

Rolling Thunder 1965-68 Richard P. Hallion.2018-02-22 Operation Rolling Thunder was the campaign that was meant to keep South Vietnam secure, and dissuade the North from arming and supplying the Viet Cong. It pitted the world's strongest air forces against the MiGs and missiles of a small Soviet client state. But the US airmen who flew Rolling Thunder missions were crippled by a badly thought-out strategy, rampant political interference in operational matters, and aircraft optimised for Cold War nuclear strikes rather than conventional warfare. Ironically, Rolling Thunder was one of the most influential episodes of the Cold War - its failure spurring the 1970s US renaissance in professionalism, fighter design, and combat pilot training. Dr Richard P. Hallion, one of America's most eminent air power experts, explains how Rolling Thunder was conceived and fought, and why it became shorthand for how not to fight an air campaign.

The Rules of Defeat Ricky James Drake.1993 During the Vietnam War, many American air commanders were convinced that rigid Rules of Engagement (ROEs) prevented an American aerial victory over North Vietnam during the Rolling Thunder air campaign from 1965-1968. ROEs were directives issued by civilian authority to guide the conduct of all US aerial operations in Southeast Asia. To the men in the field these rules provided detailed guidance to be followed by all commanders, air planners, control personnel, and combat crew members in the actual planning and flying of combat missions. ROEs allowed President Lyndon Johnson to apply measured amounts of air power both to avoid escalation of the war into World War III and to preserve domestic social problems. The belief among airmen that ROEs undermined Rolling Thunder was later strengthened by the 1972 Linebacker II air campaign and the more recent Desert storm air war. Both air campaigns were seemingly decisive, had few restrictive ROEs, and were conducted in a straightforward manner compared to the gradual approach of Rolling Thunder. A detailed examination of the ROEs from 1965-1968 reveals that they made the conduct of the air campaign terribly inefficient and also hampered its effectiveness; however, ROEs were not the sole cause of Rolling Thunder's failure.

*Thunder from Above* John Morrocco, Boston Publishing Company.1984 Photographs, maps, and eyewitness accounts of the War in Vietnam.

*Gradual Failure* U. S. Military, Department of Defense, U. S. Air Force (USAF), U. S. Government. 2017-04-08 This U.S. Air Force (USAF) publication, previously classified, tells the story of the opening two years of the Rolling Thunder air campaign in North Vietnam. The United States Air Force reached its nadir during this time. Never had the Air Force operated with so many restraints and to so little effect. These pages are painful but necessary reading for all who care about the nation's military power. Jacob Van Staaveren wrote this book in the 1970s near the end of his distinguished government service, which began during the occupation of Japan; the University of Washington Press published his book on that experience in 1995. He was an Air Force historian in Korea during the Korean War, and he began to write about the Vietnam War while it was still being fought. His volume on the air war in Laos was declassified and published in 1993. Now this volume on the air war in North Vietnam has also been declassified and is being published for the first time. Although he retired to McMinnville, Oregon, a number of years ago, we asked him to review the manuscript and make any changes that seemed warranted. For the most part, this is the book he wrote soon after the war. Chapter 1 - Flaming Dart \* The United States Considers a Reprisal Attack \* Flaming Dart I \* Flaming Dart II \* Chapter 2 - Planning \* Paramilitary Activities and Bombing Plans \* Rising Pressure from the Services to Bomb the North \* Selecting Major North Vietnamese Targets \* The Gulf of Tonkin Incident \* Washington Forbids Follow-on Strikes \* The Bien Hoa Incident \* Beginning of a Limited, Two-Phase Program \* Washington's Resistance to a Bombing Program Ends \* Chapter 3 - Rolling Thunder Begins \* The Air Challenge in North Vietnam \* Command and Control of Air Resources \* Preparations for a Rolling Thunder Program \* The First Two Rolling Thunder Strikes \* Initial Analysis of Aircraft Losses \* An Air Strategy Emerges \* Beginning of Weekly Rolling Thunder Strikes \* Supporting Operations for Rolling Thunder \* Contingency Planning for a Larger Conflict \* Chapter 4 - Gradual Expansion \* Further Decisions on Prosecuting the War \* Initial Bridge-Busting Attacks \* Countering the North's Air Defenses \* The Honolulu Conference of April 1965 \* Rolling Thunder's Moderate Pace Continues \* Expansion of the Leaflet Program \* Cautious Optimism on Bombing Results \* Chapter 5 - Pause and Escalation \* The First Bombing Halt \* Rolling Thunder Resumes \* Hanoi Expands its Air and Ground Defenses \* The Air Force Organizes for Extended Combat \* Washington Rejects a More Air-Oriented Strategy \* Beginning of Two-Week Bombing Cycles \* Chapter 6 - The SAM Threat \* Initial anti-SAM Operations \* The First Iron Hand Missions \* Improving Detection of SAM Sites \* Continued Air Strikes on non-SAM Targets \* Establishment of a Target Intelligence Center \* Deepening Service Concern about Strike Restrictions \* The First SAM Kill and the anti-SAM Campaign in Late 1965 \* The Air Force Increases its anti-SAM Capability \* Chapter 7 - Toward the Thirty-seven Day Bombing Halt \* Additional Interdiction Changes and Planning for Negotiation \* Continuation of the Leaflet Program \* Beginning of a Thirty-seven Day Bombing Halt \* Chapter 8 - Diplomacy Fails \* Hanoi Rejects American Peace Overtures \* Debate on Resuming the Bombing \* Rolling Thunder 48 \* More Deployment Planning \* Rolling Thunder 49 \* Chapter 9 - Rolling Thunder 50 \* Westmoreland's Extended Battlefield Area \* Selecting Rolling Thunder 50 Targets \* Rolling Thunder 50 Begins \* The Air Munitions Shortage \* Circumventing Bad Weather With MSQ-77 Radar \* Countering the North's Air Defense System \* Improving MiG Watch and Border Patrol \* Chapter 10 - The Strikes \* The POL Debate \* Approval of a Few POL Strikes \* Gradual Expansion of POL Strikes \* Strikes on Major POL Sites Begin \* The Honolulu Conference, July 1966 \* The POL Strangulation Campaign \* Chapter 11 - Summary and Reappraisal

Operation Rolling Thunder Charles River Editors. 2019-08-12 \*Includes pictures \*Includes a bibliography for further reading Targeting bore little resemblance to reality in that the sequence of attacks was uncoordinated and the targets were approved randomly - even illogically. The North's airfields, which, according to any rational targeting policy, should have been hit first in the campaign, were also off-limits. - Earl Tilford, U.S. Air Force historian The Vietnam War could have been called a comedy of errors if the consequences weren't so deadly and tragic. In 1951, while war was raging in Korea, the United States began signing defense pacts with nations in the Pacific, intending to create alliances that would contain the spread

of Communism. As the Korean War was winding down, America joined the Southeast Asia Treaty Organization, pledging to defend several nations in the region from Communist aggression. One of those nations was South Vietnam. The seeds of Operation Rolling Thunder, America's elaborately constrained air war against North Vietnam, appeared almost from the first moment that the USA inherited the conflict from the French. The half-communist, half-nationalist Viet Minh rebels of Ho Chi Minh evicted the French in 1954, but not before the latter partially created an anticommunist state, South Vietnam, in the lower half of the nation. Home to many Vietnamese who stood to lose property and potentially their lives in the event of the country's reunification, the new state struggled with both Viet Cong guerrillas supplied by the north and its own internal corruption and factionalism. Many thousands of North Vietnamese fled there to escape Ho Chi Minh's repression and occasional mass executions as well. Faced with such a determined opponent, skilled in asymmetrical warfare and enjoying considerable popular support, the Americans would ultimately choose to fight a war of attrition. While the Americans did employ strategic hamlets, pacification programs, and other kinetic counterinsurgency operations, they largely relied on a massive advantage in firepower to overwhelm and grind down the Viet Cong and NVA in South Vietnam. The goal was simple: to reach a crossover point at which communist fighters were being killed more quickly than they could be replaced. American ground forces would lure the enemy into the open, where they would be destroyed by a combination of artillery and air strikes. Naturally, if American soldiers on the ground often had trouble distinguishing combatants from civilians, B-52 bombers flying at up to 30,000 feet were wholly indiscriminate when targeting entire villages. By the end of 1966, American bombers and fighter-bombers in Vietnam dropped about 825 tons of explosive every day, more than all the bombs dropped on Europe during World War II. As Secretary of Defense Robert McNamara wrote to President Johnson in May of 1967, The picture of the world's greatest superpower killing or seriously injuring 1,000 noncombatants a week, while trying to pound a tiny backward nation into submission on an issue whose merits are hotly disputed, is not a pretty one. (Sheehan, 685). Operation Rolling Thunder: The History of the American Bombardment of North Vietnam at the Start of the Vietnam War chronicles one of the most controversial campaigns of the war, and the effects it had on both sides. Along with pictures of important people, places, and events, you will learn about Operation Rolling Thunder like never before.

*Setup* Earl H. Tilford, Air University Press. 2013-07

Thunder Over Vietnam Alejandro Villalva. 2018-02-06 The popular conception of the Vietnam War focuses on the ground war—the soldiers and grunts who humped along jungle trails and fought the Vietcong face to face—but an important part of the war was waged in the skies over Southeast Asia, and indeed many of the war's most well-known figures were pilots, from John McCain and James Stockdale to the unknown men who unleashed napalm hell and who carried out Curtis LeMay's "bomb them into the Stone Age" doctrine, Lyndon Johnson's Rolling Thunder, and Richard Nixon's Linebacker. This photo book chronicles the U.S. Air Force's operations in Vietnam, covering the aircraft, munitions, battle damage, and uniforms of Vietnam in the air.

Gradual failure : the air war over North Vietnam 1965-1966 .

**Operation Linebacker I 1972** Marshall Michel III. 2019-01-24 At Easter 1972, North Vietnam invaded the South, and there were almost no US ground troops left to stop it. But air power reinforcements could be rushed to the theater. Operation Linebacker's objective was to destroy the invading forces from the air and cut North Vietnam's supply routes – and luckily in 1972, American air power was beginning a revolution in both technology and tactics. Most crucial was the introduction of the first effective laser-guided bombs, but the campaign also involved the fearsome AC-130 gunship and saw the debut of helicopter-mounted TOW missiles. Thanks to the new Top Gun fighter school, US naval aviators now also had a real advantage over the MiGs. This is the fascinating story of arguably the world's first "modern" air campaign. It explains how this complex

operation - involving tactical aircraft, strategic bombers, close air support and airlift - defeated the invasion. It also explains the shortcomings of the campaign, the contrasting approaches of the USAF and Navy, and the impact that Linebacker had on modern air warfare.

**Rolling Thunder 1965-68** Richard Hallion.2018 Operation Rolling Thunder was the campaign that was meant to keep South Vietnam secure, and dissuade the North from arming and supplying the Viet Cong. It pitted the world's strongest air forces against the MiGs and missiles of a small Communist state. But the US airmen who flew Rolling Thunder missions were crippled by a badly thought-out strategy, rampant political interference in operational matters, and aircraft optimised for Cold War nuclear strikes rather than conventional warfare. Ironically, Rolling Thunder was one of the most influential episodes of the Cold War - its failure spurring the 1970s US renaissance in professionalism, fighter design, and combat pilot training. Dr. Richard P. Hallion, one of America's most eminent air power experts, explains how Rolling Thunder was conceived and fought, and why it became shorthand for how not to fight an air campaign.

**Afghanistan 1979-88** Mark Galeotti.2023-02-16 The first English-language book to examine the crucial part air power played in the Soviet-Afghan War. The Soviet Union's invasion of Afghanistan was fought as much in the air as on the ground. From the high-level bombing raids that blasted rebel-held mountain valleys, to the Mi-24 helicopter gunships and Su-25 jets that accompanied every substantial army operation, Soviet control of the air was a crucial battlefield asset. Vital to every aspect of its operations, Mi-8 helicopters ferried supplies to remote mountain-top observation points and took the bodies of fallen soldiers on their last journey home in An12 'Black Tulips'. But this was not a wholly one-sided conflict. Even before the Afghan rebels began to acquire man-portable surface-to-air missiles such as the controversial US 'Stinger,' they aggressively and imaginatively adapted. They learnt new techniques of camouflage and deception, set up ambushes against low-level attacks, and even launched daring raids on airbases to destroy aircraft on the ground. Featuring information previously unknown in the West, such as the Soviets' combat-testing of Yak-38 'Forger' naval jump jets, Soviet-expert Mark Galeotti examines the rebel, Kabul government and the Soviet operation in Afghanistan, drawing deeply on Western and Russian sources, and including after-action analyses from the Soviet military. Using maps, battlescenes and detailed 'Bird's Eye Views', he paints a comprehensive picture of the air war and describes how, arguably, it was Soviet air power that made the difference between defeat for Moscow and the subsequent stalemate that they decided to disengage from.

**Vietnam** George Donelson Moss.2016-07-01 This book provides a comprehensive narrative history of U.S. involvement in Southeast Asia, from 1942 to 1975--with a concluding section that traces U.S.-Vietnam relations from the end of the war in 1975 to the present. Unlike most general histories of U.S. involvement in Vietnam--which are either conventional diplomatic or military histories--this volume synthesizes the perspectives to explore both dimensions of the struggle in greater depth, elucidating more of the complexities of the U.S.-Vietnam entanglement. It explains why Americans tried so hard for so long to stop the spread of Communism into Indochina, and why they failed. Key topics: The Fall of Saigon: The End as Prelude. Vietnam: A Place and A People. The Elephant and the Tiger. An Experiment in Nation Building. Raising the Stakes. Going to War. The Chain of Thunders. The Year of the Monkey. A War to End a War. The End of the Tunnel. Market: For anyone curious to know about the long American involvement in Southeast Asia, 1942-1975.

**Ho Chi Minh Trail 1964-73** Peter E. Davies.2020-09-17 The Trails War formed a major part of the so-called 'secret war' in South East Asia, yet for complex political reasons, including the involvement of the CIA, it received far less coverage than campaigns like Rolling Thunder and Linebacker. Nevertheless, the campaign had a profound effect on the outcome of the war and on its perception in the USA. In the north, the Barrel Roll campaign was often operated by daring pilots flying obsolete aircraft, as in the early years, US forces were still flying antiquated piston-engined T-28 and A-26A aircraft. The campaign gave rise to countless heroic deeds by pilots like the Raven forward air controllers, operating from primitive airstrips in close

contact with fierce enemy forces. USAF rescue services carried out extremely hazardous missions to recover aircrew who would otherwise have been swiftly executed by Pathet Lao forces, and reconnaissance pilots routinely risked their lives in solo, low-level mission over hostile territory. Further south, the Steel Tiger campaign was less covert. Arc Light B-52 strikes were flown frequently, and the fearsome AC-130 was introduced to cut the trails. At the same time, many thousands of North Vietnamese troops and civilians repeatedly made the long, arduous journey along the trail in trucks or, more often, pushing French bicycles laden with ammunition and rice. Under constant threat of air attack and enduring heavy losses, they devised extremely ingenious means of survival. The campaign to cut the trails endured for the entire Vietnam War but nothing more than partial success could ever be achieved by the USA. This illustrated title explores the fascinating history of this campaign, analysing the forces involved and explaining why the USA could never truly conquer the Ho Chi Minh trail.

*The Limits of Air Power* Mark Clodfelter.2006-01-01 Tracing the use of air power in World War II and the Korean War, Mark Clodfelter explains how U. S. Air Force doctrine evolved through the American experience in these conventional wars only to be thwarted in the context of a limited guerrilla struggle in Vietnam. Although a faith in bombing's sheer destructive power led air commanders to believe that extensive air assaults could win the war at any time, the Vietnam experience instead showed how even intense aerial attacks may not achieve military or political objectives in a limited war. Based on findings from previously classified documents in presidential libraries and air force archives as well as on interviews with civilian and military decision makers, *The Limits of Air Power* argues that reliance on air campaigns as a primary instrument of warfare could not have produced lasting victory in Vietnam. This Bison Books edition includes a new chapter that provides a framework for evaluating air power effectiveness in future conflicts.

**The Rules of Defeat** U. S. Military, Department of Defense (DoD), U. S. Air Force (USAF), U. S. Government.2018-04-02 During the Vietnam War, many American air commanders were convinced that rigid Rules of Engagement (ROEs) prevented an American aerial victory over North Vietnam during the Rolling Thunder air campaign from 1965-1968. ROEs were directives issued by civilian authority to guide the conduct of all US aerial operations in Southeast Asia. To the men in the field these rules provided detailed guidance to be followed by all commanders, air planners, control personnel, and combat crew members in the actual planning and flying of combat missions. ROEs allowed President Lyndon Johnson to apply measured amounts of air power both to avoid escalation of the war into World War III and to preserve domestic social programs. The belief among airmen that ROEs undermined Rolling Thunder was later strengthened by the 1972 Linebacker II air campaign and the more recent Desert Storm air war. Both air campaigns were seemingly decisive, had few restrictive ROEs, and were conducted in a straightforward manner compared to the gradual approach of Rolling Thunder. A detailed examination of the ROEs from 1965-1968 reveals that they made the conduct of the air campaign terribly inefficient and also hampered its effectiveness; however, ROEs were not the sole cause of Rolling Thunder's failure. This paper examines how these rules affected the effective military execution of the Rolling Thunder air campaign, as well as their impact on American aircrews and the enemy. ROEs violated United States Air Force doctrine and stood in stark contrast to accepted principles of war. As a result, many vital military targets were either not bombed or were attacked in a very limited and piecemeal fashion. ROEs became so complicated and changed so often that aircrews found it difficult to know what the rules were from day to day. The rules forced aircrews to fly and fight in a manner contrary to training and doctrine. The rules also helped to create a rift between military and civilian leaders, and made what would have been very difficult missions under the best of circumstances a true nightmare. The ROEs further became a weapon for the enemy to use against America, allowing him time to prepare for air attacks and to develop a deadly air defense system, time to recover from much of the bombing damage, and sanctuaries free from air attacks which allowed the continued flow of imported war materials. The rules guaranteed one thing: the loss of many American men and aircraft. Few

nations, if any, can hope to defeat the United States in conventional warfare. But in all probability, future wars will most likely be fought for limited objectives similar to those sought in Vietnam and in the Persian Gulf. These wars will likely be fought with fewer dollars, fewer aircraft, and fewer personnel than before. The United States cannot afford ROEs which act as a Force Divider instead of a Force Multiplier. In future air campaigns, ROEs may very well be that key factor that determines victory or defeat.

Like Rolling Thunder Ronald Bruce Frankum.2005 In this insightful and lively book, distinguished scholar Ronald Frankum, Jr. captures the full extent of the struggle. The first brief overview of the air war in Vietnam, Like Rolling Thunder examines each theatre of operation--South Vietnam, North Vietnam, Laos, and Cambodia.

**Operation Rolling Thunder** Charles River Editors.2019-08-12 \*Includes pictures \*Includes a bibliography for further reading Targeting bore little resemblance to reality in that the sequence of attacks was uncoordinated and the targets were approved randomly - even illogically. The North's airfields, which, according to any rational targeting policy, should have been hit first in the campaign, were also off-limits. - Earl Tilford, U.S. Air Force historian The Vietnam War could have been called a comedy of errors if the consequences weren't so deadly and tragic. In 1951, while war was raging in Korea, the United States began signing defense pacts with nations in the Pacific, intending to create alliances that would contain the spread of Communism. As the Korean War was winding down, America joined the Southeast Asia Treaty Organization, pledging to defend several nations in the region from Communist aggression. One of those nations was South Vietnam. The seeds of Operation Rolling Thunder, America's elaborately constrained air war against North Vietnam, appeared almost from the first moment that the USA inherited the conflict from the French. The half-communist, half-nationalist Viet Minh rebels of Ho Chi Minh evicted the French in 1954, but not before the latter partially created an anticommunist state, South Vietnam, in the lower half of the nation. Home to many Vietnamese who stood to lose property and potentially their lives in the event of the country's reunification, the new state struggled with both Viet Cong guerrillas supplied by the north and its own internal corruption and factionalism. Many thousands of North Vietnamese fled there to escape Ho Chi Minh's repression and occasional mass executions as well. Faced with such a determined opponent, skilled in asymmetrical warfare and enjoying considerable popular support, the Americans would ultimately choose to fight a war of attrition. While the Americans did employ strategic hamlets, pacification programs, and other kinetic counterinsurgency operations, they largely relied on a massive advantage in firepower to overwhelm and grind down the Viet Cong and NVA in South Vietnam. The goal was simple: to reach a crossover point at which communist fighters were being killed more quickly than they could be replaced. American ground forces would lure the enemy into the open, where they would be destroyed by a combination of artillery and air strikes. Naturally, if American soldiers on the ground often had trouble distinguishing combatants from civilians, B-52 bombers flying at up to 30,000 feet were wholly indiscriminate when targeting entire villages. By the end of 1966, American bombers and fighter-bombers in Vietnam dropped about 825 tons of explosive every day, more than all the bombs dropped on Europe during World War II. As Secretary of Defense Robert McNamara wrote to President Johnson in May of 1967, The picture of the world's greatest superpower killing or seriously injuring 1,000 noncombatants a week, while trying to pound a tiny backward nation into submission on an issue whose merits are hotly disputed, is not a pretty one. (Sheehan, 685). Operation Rolling Thunder: The History of the American Bombardment of North Vietnam at the Start of the Vietnam War chronicles one of the most controversial campaigns of the war, and the effects it had on both sides. Along with pictures of important people, places, and events, you will learn about Operation Rolling Thunder like never before.

**Naval Air War: The Rolling Thunder Campaign** Norman Polmar,Edward J. Marolda.2016-01-05 This is the sixth monograph in the series The U.S. Navy and the Vietnam War. It covers aircraft carrier activity during Operation Rolling Thunder in the war. Operation Rolling Thunder was one of the

longest sustained aerial bombing campaigns in history. And it would be a failure. The U.S. Navy proved essential to the conduct of Rolling Thunder. Exploiting the inherent flexibility and mobility of naval forces, the Seventh Fleet operated with impunity for three years off the coast of North Vietnam. The success with which the Navy executed the later Operation Linebacker campaign against North Vietnam in 1972 revealed how much the service had learned from and exploited the Rolling Thunder experience of 1965-1968. The book includes several photographs with backgrounds of key aircraft used as part of Operation Rolling Thunder during the Vietnam War. Other products relating to the Vietnam War can be found here: <https://bookstore.gpo.gov/catalog/us-military-history/battles-wars/vietnam-war> Other products relating to U.S. Naval History can be found here: <https://bookstore.gpo.gov/catalog/us-military-history/armed-forces-military-branches-history/united-states-navy-usn-history> Other products published by the U.S. Navy History and Heritage Command can be found here: <https://bookstore.gpo.gov/agency/902>

Rolling Thunder John T. Smith.1994 Designed to force the North Vietnamese into changing their policy towards the South, attacks by the US Navy and US Air Force escalated as targets such as bridges, roads, industry, fuel, shipping and airfields were systematically destroyed. The North Vietnamese did not crumble ... but built up the world's most powerful air defence organisation. Some 900 US aircraft, F-105 Thunderbirds, Phantoms, A-6 Intruders, A-4 Skyhawks and A-8 Crusaders, were destroyed by MiG 17s, MiG 21s and SAMs. Although North Vietnam was devastated, the American campaign failed completely in its aims--Page 4 of cover.

Rolling Thunder Mark Berent.1989 As hostilities escalate in late 1965, the fates of three men intertwine in Vietnam.

**Rolling Thunder 1965** Dennis M. Drew.1986 A study of the interplay of policy and doctrine during the conduct of a major military campaign.

*Rolling Thunder, July 1965-December 1966* Wesley R. C. Melyan, Lee Bonetti, Project CHECO. Southeast Asia Team, United States. Air Force. Pacific Air Forces. Directorate of Tactical Evaluation. CHECO Division.1967

**Clashes** Marshall L. Michel, III.2007 This classic work-part of the Marine Corps reading list-makes full use of declassified U.S. documents to offer the first comprehensive study of fighter combat over North Vietnam. Marshall Michel's balanced, exhaustive coverage describes and analyzes both Air Force and Navy engagements with North Vietnamese MiGs but also includes discussions of the SAM threat and U.S. countermeasures, laser-guided bombs, and U.S. attempts to counter the MiG threat with a variety of technological equipment. Accessible yet professional, the book is filled with valuable lessons learned that are as valid today as they were in the 1960s and 1970s. Some 29 photos and 33 drawings and maps, including diagrams of both American and North Vietnamese formations and tactics, are included.

Air interdiction in World War II Korea and Vietnam... .

**The (Real) Revolution in Military Affairs** Andrei Martyanov.2019-08-01 The liberal world order, a euphemism for American global hegemony, is crumbling at an accelerating pace. While its collapse is tangible, the outcome of such a collapse remains a matter of speculation and public debate. The US is desperately seeking to preserve the status quo, which rests primarily upon recognition of its military supremacy. For millennia, warfare has been a driving force behind changes in the geopolitical status of power configurations (whether of peoples, states or empires), and it remains so, today. Accordingly, short of actual warfare, the assessment (modeling) of relative military power plays an inordinate role in the determination of national status. Models of emerging changes in military capability range from relatively simple to extremely complex ones. Viewing the evolution of the current system of international relations outside the framework of actual, rather than propaganda-driven, military capabilities is not only useless, it is dangerous since states' mistaken assessment of their own and other states' military power can lead to misadventures and catastrophic mistakes. The United States' efforts to preserve not just its dominance but the perception of its dominance are bound to fail for many important reasons, none more important than what is often misidentified in past American military-theoretical hypotheses about the future of warfare, known generically as



the Revolution in Military Affairs (RMA). This book explains why those hypotheses are failing and will continue to fail, and addresses the real RMA. In the end, technological development in weaponry as a response to tactical, operational and strategic requirements defines not only a nation's geopolitical status but determines the global order. Assessments of military capacity, if reality-based, serve as good predictors of the level of volatility in international relations and the level of violence globally. This book gives an insight into the evolution of weapons and the way they influenced international relations in the 20th and 21st centuries. It also defines Revolution in Military Affairs as manifested via policy, politics, and technology. It reviews some models which are useful in assessing the current geopolitical situation. This book also tries to give a forecast of the future development of warfare and the ways in which it is going to change the whole system of the international relations, hopefully towards a new geopolitical equilibrium.

*Air Interdiction in World War II, Korea, and Vietnam* Earle E. Partridge.1986

**Operation Rolling Thunder: Strategic Implications Of Airpower Doctrine** Colonel John K. Ellsworth.2014-08-15 This SRP examines Operation ROLLING THUNDER (1965-1968) bombing campaign in the context of military Principles of War and their applications. It analyzes accomplishment of strategic objectives and future implications for applications of airpower doctrine. It reviews the pre-Vietnam strategic situation, discussing its military, political, social, global, and doctrinal characteristics. It then analyses Operation ROLLING THUNDER by phases, focusing on its controversial aspects. This analysis concludes that Operation ROLLING THUNDER failed to accomplish most of its strategic objectives. It offers several contributing factors to account for this failure. This SRP concludes with examination of the lessons learned about airpower doctrine and of the strategic implications of Operation ROLLING THUNDER for the overall war effort in Vietnam.

*Operation ROLLING THUNDER* John K. Ellsworth,Army War College (U.S.).2003 This SRP examines Operation ROLLING THUNDER (1965-1968) bombing campaign in the context of military Principles of War and their applications. It analyzes accomplishment of strategic objectives and future implications for applications of airpower doctrine. It reviews the pre-Vietnam strategic situation, discussing its military, political, social, global, and doctrinal characteristics. It then analyses Operation ROLLING THUNDER by phases, focusing on its controversial aspects. This analysis concludes that Operation ROLLING THUNDER failed to accomplish most of its strategic objectives. It offers several contributing factors to account for this failure. This SRP concludes with examination of the lessons learned about airpower doctrine and of the strategic implications of Operation ROLLING THUNDER for the overall war effort in Vietnam.

Rolling Thunder 1965 U. S. Military,Department of Defense (DoD),U. S. Air Force (USAF),U. S. Government.2017-11-18 This excellent report analyzes the historic initial bombing campaign against North Vietnam in 1965 known as Rolling Thunder. The Vietnam War was many things to many people. It represented, among many other things, the clash between the views and objectives of America's civilian leadership and traditional military doctrine. It illustrated the difficulty in prosecuting a conventional war against an unconventional enemy and in waging a limited war against an enemy waging an essentially unlimited war. The Rolling Thunder campaign, the longest sustained aerial bombing campaign in history, was a microcosm of the problems the United States faced in the war as a whole. American air power doctrine was based on the concept of strategic bombardment, a concept based on two fundamental assumptions: The first assumption was that any American war would be waged to destroy the enemy's ability to wage modern warfare. The second assumed that any enemy the United States might engage would be a modern industrialized state. In Vietnam, neither assumption held true. The American objective, when engaging the North Vietnamese, was to persuade the North Vietnamese to desist in their support of the war in South Vietnam. Further, North Vietnam was anything but a modern industrialized state. The resulting aerial campaign, Rolling Thunder, was a far cry from that envisioned in plans developed before the American intervention. A campaign of

graduated pressure intended to signal resolve to the North Vietnamese, Rolling Thunder failed to persuade the North Vietnamese and it failed to destroy their ability to prosecute their war in South Vietnam. This study illustrates how American air power doctrine developed in a manner incompatible with the employment required over North Vietnam and how even the best military advice can be ignored if it does not conform to the objectives of the civilian leadership. Moreover, the study indicates that even if the military had been allowed to carry out its desired intensive bombing campaign, the results might not have changed. Finally, the study indicates the problems inherent in developing effective air power doctrine across the spectrum of modern conflict.

**Air War Over North Vietnam** Stephen Emerson.2018-02-28 In early 1965 the United States unleashed the largest sustained aerial bombing campaign since World War II, against North Vietnam. Through an ever escalating onslaught of destruction, Operation Rolling Thunder intended to signal Americas unwavering commitment to its South Vietnamese ally in the face of continued North Vietnamese aggression, break Hanois political will to prosecute the war, and bring about a negotiated settlement to the conflict. It was not to be. Against the backdrop of the Cold War and fears of widening the conflict into a global confrontation, Washington policy makers micromanaged and mismanaged the air campaign and increasingly muddled strategic objectives and operational methods that ultimately sowed the seeds of failure, despite the heroic sacrifices by U.S. Air Force and Navy pilots and crews Despite flying some 306,000 combat sorties and dropping 864,000 tons of ordnance on North Vietnam 42 per cent more than that used in the Pacific theater during World War II Operation Rolling Thunder failed to drive Hanoi decisively to the negotiating table and end the war. That would take another four years and another air campaign. But by building on the hard earned political and military lessons of the past, the Nixon Administration and American military commanders would get another chance to prove themselves when they implemented operations Linebacker I and II in May and December 1972. And this time the results would be vastly different.

Air War Over North Vietnam Stephen Emerson.2018-02 In early 1965 the United States unleashed the largest sustained aerial bombing campaign since World War II, against North Vietnam. Through an ever escalating onslaught of destruction, Operation Rolling Thunder intended to signal America's unwavering commitment to its South Vietnamese ally in the face of continued North Vietnamese aggression, break Hanoi's political will to prosecute the war, and bring about a negotiated settlement to the conflict. It was not to be. Against the backdrop of the Cold War and fears of widening the conflict into a global confrontation, Washington policy makers micromanaged and mismanaged the air campaign and increasingly muddled strategic objectives and operational methods that ultimately sowed the seeds of failure, despite the heroic sacrifices by U.S. Air Force and Navy pilots and crews Despite flying some 306,000 combat sorties and dropping 864,000 tons of ordnance on North Vietnam - 42 per cent more than that used in the Pacific theater during World War II - Operation Rolling Thunder failed to drive Hanoi decisively to the negotiating table and end the war. That would take another four years and another air campaign. But by building on the hard earned political and military lessons of the past, the Nixon Administration and American military commanders would get another chance to prove themselves when they implemented operations Linebacker I and II in May and December 1972\). And this time the results would be vastly different.

*McNamara, Clifford, and the Burdens of Vietnam, 1965-1969* Edward J. Drea.2011 Volumes 1-5 have series title: History of the Office of the Secretary of Defense.

Air Interdiction In World War II, Korea, And Vietnam – An Interview With Generals Partridge Smart & Vogt Jr. Gen. Earle E. Partridge.2015-11-06 Three distinguished USAF Generals offer their wisdom on Aerial Interdiction. In the long evolution of American air power in the twentieth century the professional experiences and judgments of these senior air leaders are both representative and instructive. Over one hundred years of military service are contained in this oral history interview, almost all of it concerned with the application of a new kind of military force—air power—to the

oldest of military questions: how to defeat enemy armies. In discussing their experiences in World War II, Korea, and Vietnam, these men focus on those air campaigns which have come to be considered classics of air interdiction: in World War II, Operation Strangle in Italy, March-May 1944, and operations in support of the Normandy Invasion, April-June 1944; in the Korean War, all campaigns, especially Operation Strangle, May-October 1951; in the Vietnam War, the air interdiction part of the Rolling Thunder air campaign, March 1965-November 1968, the air campaign in Southern Laos, 1965-1972, and especially the air interdiction portions of Linebacker I and II, May-October and December 1972. In addition, the discussion turns in the latter stages to the impact of electronics—laser guided weapons, electronic suppression devices, drone air planes, and immediate air intelligence—on air interdiction operations. Generals Partridge, Smart, and Vogt offer definitions, clarifications, examples, generalizations, and advice. Their purpose, and that of the Office of Air Force History, is to further the dialogue among military professionals so that the past can help us to meet the challenges of the future.

**When Thunder Rolled** Ed Rasimus. 2011-09-20 Ed Rasimus straps the reader into the cockpit of an F-105 Thunderchief fighter-bomber in his engaging account of the Rolling Thunder campaign in the skies over North Vietnam. Between 1965 and 1968, more than 330 F-105s were lost—the highest loss rate in Southeast Asia—and many pilots were killed, captured, and wounded because of the Air Force’s disastrous tactics. The descriptions of Rasimus’s one hundred missions, some of the most dangerous of the conflict, will satisfy anyone addicted to vivid, heart-stopping aerial combat, as will the details of his transformation from a young man paralyzed with self-doubt into a battle-hardened veteran. His unique perspective, candid analysis, and the sheer power of his narrative rank his memoir with the finest, most entertaining of the war.

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
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