

# **STRATEGIC AIR POWER in Desert Storm**



**John Andreas Olsen**

**With a Foreword by  
Edward N. Luttwak**

# Strategic Air Power

**Camilla Rothe**



## **Strategic Air Power:**

**Strategic Air Warfare** Richard H. Kohn, Joseph P. Harahan, 1988 The ability of the American air forces to wage war independently and to carry the battle to the enemy's heartland has played a critical role in American air doctrine and military strategy since the 1930s. Generals LeMay, Johnson, Burchinal and Catton explain their roles in flying and commanding bombing missions and campaigns during World War II in creating the atomic force in the immediate postwar years and in building the Strategic Air Command in the 1950s. The Cuban Missile Crisis and the Vietnam War are also discussed. Air Power in the Age of Total War John Buckley, 2006-05-09 Warfare in the first half of the 20th century was fundamentally and irrevocably altered by the birth and subsequent development of air power. This work assesses the role of air power in changing the face of battle on land and sea. Utilizing late 1990s research, the author demonstrates that the phenomenon of air power was both a cause and a crucial accelerating factor contributing to the theory and practice of total war. For instance, the expansion of warfare to the homefront was a direct result of bombing and indirectly due to the extent of national economic mobilization required to support first-rate air power status. In addition, the move away from the principle of total war with the onset of the Cold War and the replacement of air power by ICBMs is thoroughly examined. This work should provide students of international history, war studies, defence and strategic studies with an insight into 20th-century warfare. Strategic Air Power Stefan Thomas Possony, 2012-03-01

**Strategic Air Power in Desert Storm** John Andreas Olsen, 2013-11-05 In response to the Iraqi invasion of Kuwait on the second of August 1990, a small group of air power advocates in the Pentagon proposed a strategic air campaign, Operation Desert Storm, designed to drive the Iraqi army from Kuwait by a sustained effort against the major sources of Iraqi national power. John Andreas Olsen provides a coherent and comprehensive examination of the origins, evolution, and implementation of this campaign. His findings derive from official military and political documentation, interviews with United States Air Force officers who were closely involved with the planning of the campaign, and Iraqis with detailed knowledge and experience of the inner workings of the Iraqi regime. **The strategic air war against Germany and Japan : a memoir , Air power and warfare** United States Air Force Academy. Library, 1978

*The Strategic Air War Against Germany and Japan* Haywood S. Hansell, 1986 **Airpower** John Gooch, 2013-11-05 The nine contributors to this volume study the rapid development of airpower during the twentieth century as well as the methodological problems involved in assessing such change. **Strategic Air Power Doctrine for Small Air Forces** S. A. Mackenzie, RAAF Air Power Studies Centre, 1994 *Airpower for Strategic Effect* Colin S. Gray, Director of National Security Studies, 2012-08-01 In this magisterial tour d'horizon of the air weapon's steady rise in effectiveness since its fledgling days, Colin Gray, a prolific strategist of long-standing scholarly achievement and international repute, has rightly taken a long view of today's pattern of regional conflict by appraising airpower in the broader context in which its operational payoff will ultimately be registered. His careful development of airpower's strategic narrative, as he calls it, shows

convincingly how the relative criticality of the air weapon in joint warfare is neither universal nor unchanging but rather is crucially dependent on the particular circumstances of a confrontation. More to the point, viewed situationally, airpower can be everything from single handedly decisive to largely irrelevant to a combatant commander's needs depending on his most pressing challenges of the moment. Because its relative import like that of all other force elements hinges directly on how its comparative advantages relate to a commander's most immediate here and now concerns, airpower does not disappoint when it is not the main producer of desired outcomes. Indeed, the idea that airpower should be able to perform effectively in all forms of combat unaided by other force elements is both an absurd measure of its operational merit and a baseless argument that its most outspoken advocates from Giulio Douhet and Billy Mitchell onward have done their cause a major disservice by misguidedly espousing over many decades. Although the air weapon today may have been temporarily overshadowed by more land centric forms of force employment given the kinds of lower intensity conflicts that the United States and its allies have been obliged to contend with in recent years, there will most assuredly be future times when new challenges yet to arise will again test America's air posture to the fullest extent of its deterrent and combat potential. Professor Gray's central theme is that airpower generates strategic effect. More specifically, he maintains airpower is a tactical equity that operates ideally with strategic consequences. To him, strategic does not inhere in the equity's physical characteristics such as an aircraft's range or payload but rather in what it can do by way of producing desired results. From his perspective, a strategic effect is first and foremost that which enables outcome determining results. And producing such results is quintessentially the stock in trade of American airpower as it has progressively evolved since Vietnam. Airpower for Strategic Effect offers an uncommonly thoughtful application of informed intellect to an explanation of how modern air warfare capabilities should be understood. Along the way, it puts forward a roster of observations about the air weapon that warrant careful reflection by all who would presume to find it wanting. Among the most notable of those observations are that context rules in every case and that whether airpower should be regarded as supported by or supporting of other force elements is not a question that can ever have a single answer for all time. Rather, as noted above, the answer will hinge invariably on the unique conditions of any given conflict.

**10 Propositions Regarding Air Power** Phillip S.

Meilinger, 1995      American Airpower Strategy in Korea, 1950-1953 Conrad C. Crane, 2000 The Korean War was the first armed engagement for the newly formed U S Air Force but far from the type of conflict it expected or wanted to fight. As the first air war of the nuclear age, it posed a major challenge to the service to define and successfully carry out its mission by stretching the constraints of limited war while avoiding the excesses of total war. Conrad Crane analyzes both the successes and failures of the air force in Korea, offering a balanced treatment of how the air war in Korea actually unfolded. He examines the Air Force's contention that it could play a decisive role in a non nuclear regional war but shows that the fledgling service was held to unrealistically high expectations based on airpower's performance in World War II despite being

constrained by the limited nature of the Korean conflict Crane exposes the tensions and rivalries between services showing that emphasis on strategic bombing came at the expense of air support for ground troops and he tells how interactions between army and air force generals shaped the air force's mission and strategy He also addresses misunderstandings about plans to use nuclear biological and chemical weapons in the war and includes new information from pilot correspondence about the informal policy of hot pursuit over the Yalu that existed at the end of the war The book considers not only the actual air effort in Korea but also its ramifications The air force doubled in size during the war and used that growth to secure its position in the defense establishment but it wagered its future on its ability to deliver nuclear weapons in a high intensity conflict a position that left it unprepared to fight the next limited war in Vietnam As America observes the fiftieth anniversary of its initial engagement in Korea Crane's book is an important reminder of the lessons learned there And as airpower continues to be a cornerstone of American defense this examination of its uses in Korea provides new insights about the air force's capabilities and limitations American Aviation, 1951 Issues for include Annual air transport progress issue

*Case Studies in Strategic Bombardment* R. Cargill Hall, 2020-10-09 This volume the third in a series of historical case studies of important air power missions addresses the most controversial and arguably most significant air power mission of all strategic bombardment The ability of aircraft and missiles to destroy or disrupt an enemy's war making potential and to break or weaken his will to resist independent of the actions of ground and naval forces has served as the central theme of air power theory and as the rallying point of air advocates who made it the *raison d'être* for independent air forces Written by well known military historians each chapter stands alone as a case study of an important stage in strategic air operations combined the chapters provide a comprehensive and insightful analysis of the theory and practice of strategic bombardment from its inception in World War I through the Gulf War of 1991 From Boom Trenchard and Billy Mitchell to John Warden and Charles Horner the vision of air power prophets and airmen is tested against the reality of bureaucratic inertia aircraft capability technological advances and bombing accuracy Seldom in the twentieth century has technology fully met the demands of air power theory Technology of course is the prime determinant of doctrine and operations This exceptional volume surveys the entire history of strategic bombardment and its technology from the Zeppelin and Gotha of the Great War to the F 117 and the penetrating precision guided bomb of the Gulf War The reader will find technological advances such as radar bombing and range extending air to air refueling that answer one problem only to produce new requirements and expectations that demand more advanced technology Guided munitions while offering remarkable precision have underscored the problems of strategic intelligence collection and dissemination and of locating and attacking both fixed and mobile targets **Grand Strategy: Oct. 1944-Aug. 1945, by J. Ehrman** Norman Henry Gibbs, 1956 **The First Summit** Theodore A. Wilson, 1991 Four months before Pearl Harbour Winston Churchill and Franklin D Roosevelt met in secret aboard a ship in a secluded Newfoundland harbour This was the first summit conference of World War II *Military*

*Strategy, Joint Operations, and Airpower* Ryan Burke, Michael Fowler, Jahara Matisek, 2022 Military Strategy Joint Operations and Airpower introduces students to contemporary strategy and the operational level of war particularly as it relates to airpower. Developed as foundational reading for all US Air Force Academy cadets, this intermediate textbook is designed to close the gap between military theory and practice. It covers strategic foundations, operational design, and joint service operations, the air space and cyber capabilities that comprise modern airpower, and contemporary challenges in the application of strategy. In this second edition, each chapter has been updated and revised, and several sections have been expanded. Part II, Military Forces and the Joint Fight, is now has separate chapters about each service in addition to a chapter on joint structure. Similarly, operational design is expanded from one to four chapters to provide a more thorough step-by-step guide through the process. New chapters in this second edition include Integrating the Instruments of Power, The Spectrum of Conflict, and Range of Military Operations, and The Nuclear Weapons Triad and Missile Defense. This book's contributing authors and editors include both military practitioners and scholars of security studies, political science, and history. In addition to being required reading for Air Force cadets and ROTC students, the book will provide an essential overview of strategy and practice for anyone interested in modern airpower.

The Luftwaffe James S. Corum, 1997 This study provides an appraisal of Germany's air forces from the post World War I era through the early stages of World War II. The author demolishes several myths surrounding the Luftwaffe, including the belief that they had no ideas beyond the support of ground forces.

**The Air Weapon** Andrew G.B. Vallance, 2016-07-27 Air power today dominates virtually all military operations, yet it remains the least well understood form of armed force. Technical and tactical details of aviation forces are widely available, but few understand how such forces are best used in prosecuting defence and security policy. The Air Weapon seeks to address this deficiency by setting out the doctrines which guide the use of air power at the strategic and operational levels of war. It identifies what aviation forces can and cannot be used to achieve. It encompasses doctrines for war fighting and also for war prevention. And it suggests possible directions for future doctrinal development. Following a cohesive top-down analytical path, the study deals with air power in the only viable way as an integrated entity. The Air Weapon is perhaps the only all-encompassing high-level study of this critically important yet all too little understood form of military power.

**Strategic Air Attack in the United States Air Force** Thomas A. Fabyanic, 1976

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web if our equation has two logarithms we can use a property that says that if  $\log_a m = \log_a n$  then it is true that  $m = n$  this is the one to one property of logarithmic equations one to one property of logarithmic equations for  $m > 0$   $n > 0$   $a > 0$  and  $a \neq 1$  is any real number if  $\log_a m = \log_a n$  then  $m = n$

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