

Airpower against an army

Challenge and response in CENTAF's duel with the Republican Guard

William F. Andrews



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Airpower Against An Army

John F. O'Connell



Airpower Against An Army:

Airpower against an Army: Challenge and Response in CENTAF's Duel with the Republican Guard William F. Andrews, Colonel Andrews concentrates on tactical innovation during war He examines the extent to which USAF doctrine prepared the US Central Command Air Forces CENTAF for its mission against the Republican Guard Forces Command RGFC He describes how CENTAF adjusted air operations against Iraq s RGFC in the 1990 91 invasion of Kuwait CENTAF instituted six significant tactical innovations in one week that required its aviators to create new tactics in the midst of combat operations Colonel Andrews evaluates those innovations because they enabled CENTAF to satisfy theater objectives He recommends that the Air Force identify means to measure air operations against land forces during peacetime because the press of war does not provide time for reflection and analysis *Airpower Against an Army: Challenge and Response in CENTAF's Duel with the Republican Guard* Lt Col Usaf William F Andrews,USAF, William F., William Andrews, Lt. , USAF,2012-08-25 In January and February 1991 Central Command Air Forces CENTAF conducted an air to ground onslaught against Iraq s Republican Guard The requirements of this operation conflicted in a number of respects with the US Air Force s extended preparations for conflict on a European battleground A major case in point involved the low altitude tactics CENTAF crews had practiced for the previous decade and a half tactics that were manifestly unsuited for the task that confronted them in Iraq Colonel Andrews s study *Airpower against an Army Challenge and Response in CENTAF s Duel with the Republican Guard* examines how CENTAF adjusted air operations against the Republican Guard to meet the realities of combat As he makes clear four factors proved instrumental in facilitating CENTAF s rapid adaptation to the realities of war 1 air superiority which created a permissive environment for innovative tactics 2 open minded attitudes of senior commanders which nurtured the growth of new methods of operation 3 the faith of senior commanders in highly motivated and well trained subordinates which permitted and inspired lower echelon units to find optimal solutions to complex problem in minimum time and 4 the high degree of personal initiative cultivated on training and tactics ranges in classrooms at Nellis Air Force Base Nevada and flight briefing rooms across the USAF which served as the ultimate sine quo non of the adaptation process Colonel Andrews s study also serves to powerfully reaffirm the fundamental truth of the old Air Force adage that flexibility is the key to airpower As we confront an uncertain international security environment a fundamental lesson of *Airpower against an Army* is that we must encourage flexibility in peacetime if we are to possess the physical mental and organizational agility that will be required to master the unforeseen realities of the next war *Airpower Against An Army* William F. Andrews,2004-03-01 Colonel Andrews concentrates on tactical innovation during war He examines the extent to which USAF doctrine prepared the US Central Command Air Forces CENTAF for its mission against the Republican Guard Forces Command RGFC He describes how CENTAF adjusted air operations against Iraq s RGFC in the 1990 91 invasion of Kuwait CENTAF instituted six significant tactical innovations in one week that required its aviators to

create new tactics in the midst of combat operations Colonel Andrews evaluates those innovations because they enabled CENTAF to satisfy theater objectives He recommends that the Air Force identify means to measure air operations against land forces during peacetime because the press of war does not provide time for reflection and analysis The Influence of Air Power Upon History Walter J. Boyne, 2022-12-21 A comprehensive balanced overview of war in the air from a world renowned authority on aviation history and New York Times bestselling author Booklist The Influence of Air Power Upon History makes a startlingly new analysis of the far reaching implications flight has had on warfare politics diplomacy technology and mass culture Author Walter Boyne examines the application of air power from the very earliest days of the balloon down to the current era of space warfare and postulates some new and controversial theories that are certain to arouse comment Where Alfred Thayer Mahan's classic work The Influence of Sea Power Upon History catalogues the elements that made naval prowess a determinant of a nation's strength The Influence of Air Power Upon History traces the development of air power philosophy by examining the theory and practice of air power as it is exercised in both war and peace The author unerringly depicts the contributions made by the people and planes of each era some of them famous some virtually unknown but all vitally important He highlights the critical competence of individuals at every step of the way comparing the works of Giulio Douhet William Mitchell John Warden and others philosophically even as he compares the combat capabilities of leaders such as Hugh Trenchard Bomber Harris Herman Goering Curtis LeMay and Henry Hap Arnold Boyne's views on World War II bombings and air power in the Vietnam War will please many readers and perhaps shock many others The Influence of Air Power Upon History is an important book for the public and for the military and is destined to be hotly debated for years to come **Airpower Against an Army** William F. Andrews, 1998 For nearly two decades the United States Air Force USAF oriented the bulk of its thinking acquisition planning and training on the threat of a Soviet blitzkrieg across the inter German border The Air Force fielded a powerful conventional arm well rehearsed in the tactics required to operate over a central European battlefield Then in a matter of days the 1990 invasion of Kuwait altered key assumptions that had been developed over the previous decade and a half The USAF faced a different foe employing a different military doctrine in an unexpected environment Instead of disrupting a fast paced land offensive the combat wings of the United States Central Command Air Forces CENTAF were ordered to attack a large well fortified and dispersed Iraqi ground force The heart of that ground force was the Republican Guard Forces Command RGFC CENTAF's mission dictated the need to develop an unfamiliar repertoire of tactics and procedures to meet theater objectives How effectively did CENTAF adjust air operations against the Republican Guard to the changing realities of combat Answering that question is central to this study and the answer resides in evaluation of the innovations developed by CENTAF to improve its operational and tactical performance against the Republican Guard Effectiveness and timeliness are the primary criteria used for evaluating innovations **Readings on the Functions of Military Air Power**, 1957 Airpower Advantage Diane

Therese Putney, 2004 American air power is a dominant force in today's world. Its ascendancy evolving in the half century since the end of World War II became evident during the first Gulf War. Although a great deal has been written about military operations in Desert Shield and Desert Storm, this deeply researched volume by Dr Diane Putney probes the little known story of how the Gulf War air campaign plan came to fruition. Based on archival documentation and interviews with USAF planners, this work takes the reader into the planning cells where the difficult work of building an air campaign plan was accomplished on an around the clock basis. The tension among air planners is palpable as Dr Putney traces the incremental progress and friction along the way. The author places the complexities of the planning process within the context of coalition objectives. All the major players are here: President George H. W. Bush, General H. Norman Schwarzkopf, General Colin Powell, General Chuck Horner and Secretary of Defense Richard Cheney. The air planning process generated much debate and friction but resulted in great success: a 43 day conflict with minimum casualties. Dr Putney's rendering of this behind the scenes evolution of the planning process in its complexity and even suspense provides a fascinating window into how wars are planned and fought today and what might be the implications for the future. C. R. Anderegg, Director of Air Force History.

Air Power and Armies Sir John Cotesworth Slessor, 2009-08-31. An account of Sir John Cotesworth Slessor 1897-1979, one of Great Britain's most influential airmen. Sir John Slessor played a significant role in building the World War II Anglo-American air power partnership as an air planner on the Royal Air Force Staff, the British Chiefs of Staff, and the Combined Chiefs of Staff. He coordinated allied strategy in 1940-41, helped create an Anglo-American bomber alliance in 1942, and drafted the compromise at the Casablanca Conference that broke a deadlock in Anglo-American strategic debate. Slessor was instrumental in defeating the U-boat menace as RAF Coastal Commander and later shared responsibility for directing Allied air operations in the Mediterranean. Few aspects of the allied air effort escaped his influence: pilot training, aircraft procurement, and dissemination of operational intelligence and information all depended to a degree on Slessor. His influence on Anglo-American operational planning paved the way for a level of cooperation and combined action never before undertaken by the military forces of two great nations.

The American Culture of War Adrian R. Lewis, 2014-10-24. The American Culture of War presents a sweeping critical examination of every major American war of the late 20th century: World War II, Korea, Vietnam, the First and Second Persian Gulf Wars, through to Operation Enduring Freedom. Lewis deftly traces the evolution of US military strategy, offering an original and provocative look at the motives, people, and governments used to wage war; the debates among military personnel; the flawed political policies that guided military strategy; and the civilian perceptions that characterized each conflict. Now in its second edition, *The American Culture of War* has been completely revised and updated. New features include: Completely revised and updated chapters structured to facilitate students' ability to compare conflicts; New chapters on Operation Iraqi Freedom and the current conflict in Afghanistan; New conclusion discussing the American culture of war and the future of warfare; Over fifty maps, photographs, and images to help

students visualize material Expanded companion website with additional pedagogical material for both students and researchers The American Culture of War is a unique and invaluable survey of over seventy years of American military history perfect for any student of America s modern wars For additional information and classroom resources please visit The American Culture of War companion website at www.routledge.com/cw/lewis

Professional Journal of the United States Army ,1955

Airpower in Small Wars James S. Corum, Wray R. Johnson, 2003 The use of airpower in wartime calls to mind the massive bombings of World War II but airplanes have long been instrumental in small wars as well Ever since its use by the French to put down rebellious Moroccan tribes in 1913 airpower has been employed to fight in limited but often lengthy small conflicts around the globe This is the first comprehensive history of airpower in small wars conflicts pitting states against non state groups such as insurgents bandits factions and terrorists tracing it from the early years of the twentieth century to the present day It examines dozens of conflicts with strikingly different scenarios the Greek Civil War the Philippine Anti Huk campaign French and British colonial wars the war in South Vietnam before the American escalation counterinsurgency in southern Africa Latin American counterinsurgency operations and counterinsurgency and counterterrorist campaigns in the Middle East over the last four decades For each war the authors describe the strategies employed on both sides of the conflict the air forces engaged and the specific airpower tactics employed They discuss the ground campaigns and provide the political background necessary to understand the air campaigns and in each case they judge the utility of airpower in its broadest sense In their historic sweep they show how forms of airpower evolved from planes to police helicopters aircraft of the civilian air reserve and today s unmanned aircraft They also disclose how small wars after World War II required new strategies operational solutions and tactics By taking this broad view of small war airpower the authors are able to make assessments about the most effective and least effective means of employing airpower They offer specific conclusions ranging from the importance of comprehensive strategy to the need for the United States and its allies to expand small wars training programs Airpower in Small Wars will be invaluable for educating military professionals and policy makers in the subject as well as for providing a useful framework for developing more effective doctrine for employing airpower in the conflicts we are most likely to see in the twenty first century

Military air power : the CADRE digest of air power opinions and thoughts ,2007 This book is about what Airmen have in common our heritage capacity and future potential It also illustrates that while we re on the leading edge we re also part of the sweep of military history Understanding the way that our predecessors handled their challenges can equip us to better serve our nation The number one aim of this book is to supply Airmen with useful thoughts that might help them meet their known responsibilities and the unknown challenges their service will bring We can learn from both the failures and the successes of soldiers sailors marines and Airmen the ancient past and yesterday s headlines This book is a revision of one published in 1990 Just as in the 1990 edition the quotations are arranged by subject matter to present multiple views of each topic

American Airpower Comes of Age General Henry H. Arnold, 2004-10 This volume has richly enhanced General Henry H. Arnold's reputation as the father of today's United States Air Force. Major General John W. Huston himself an Army Air Forces combat veteran of the war has edited each of Arnold's World War II diaries and placed them in their historical context while explaining the problems Hap faced and evaluating the results of his travels. General Huston, a professional historian, has taught at both the US Air Force Academy and the US Naval Academy. A former Chief of the Office of Air Force History and an experienced researcher both here and abroad in the personal and official papers of the war's leaders, he has been careful to let Hap speak for himself. The result is an account of the four-year odyssey that took Arnold to every continent but one as he took part in deliberations that involved Allied leaders in major diplomacy strategy meetings with Franklin D. Roosevelt, Harry S. Truman, Winston Churchill, Josef Stalin, Charles de Gaulle, and Chiang Kai-shek. At those meetings Hap recorded the comments of the various participants. His 12 diaries contain his own thoughts which range from being lost over the Himalayas to comforting the wounded as they were airlifted from the Normandy beaches. He experienced an air raid in London and viewed the carnage in recently liberated Manila. Arnold recorded his honest impressions from private meetings with King George VI in Buckingham Palace to eating from mess kits with his combat crews in the North African desert, all while perceptively commenting on the many issues involved and assessing the people, the culture, and the surroundings. This volume offers the best assessment we have of Hap as he survived four wartime heart attacks and continued to work tirelessly for proper recognition of airpower. It will also continue my emphasis while Chief of Staff of the US Air Force on encouraging professional reading through making historical accounts available to personnel of the finest air force in the world, a success achieved in large part because of Hap Arnold. Ronald R. Fogleman, General, United States Air Force, Retired

Military Air Power in Europe: Preparing for War Norman Ridley, 2023-01-24 The First World War had seen the mechanization of warfare. Battlefronts had become immobilized in the grip of machine guns and heavy artillery, leading to slaughter on an unprecedented scale. The end of the war saw exhausted governments extricating themselves from the carnage, but some leaders were concerned that sooner or later another major war would follow. As France's Marshal Foch put it, the Treaty of Versailles was only a twenty-year truce. The overriding concern was to find ways in the future of avoiding the kind of static battlefronts that had consumed so many in such futile efforts. Military aviation was seen as the one great innovation that had the potential to do this by revolutionizing warfare. It would not only augment the effectiveness of ground forces in a tactical role but it also had the means of reaching out strategically beyond the battlefronts to strike at the enemy's trade supplies, communications, and industrial production. All through the war, military aviation had been firmly under the control of army commanders, but there was soon a fierce debate over the way it should develop. The development of an air doctrine within each of the major European powers was fraught with difficulty as the nascent air arms struggled with varying degrees of success to free themselves from army control to find a new independent identity. This book examines the way in which these

air arms competed for prominence within the military structures of six major European nations Germany Britain France Soviet Union Poland and Italy with different resources ambitions and philosophies in the years from the beginning of aviation right up to the start of the Second World War *A Companion to American Military History* James C. Bradford,2009-11-03 With more than 60 essays *A Companion to American Military History* presents a comprehensive analysis of the historiography of United States military history from the colonial era to the present Covers the entire spectrum of US history from the Indian and imperial conflicts of the seventeenth century to the battles in Afghanistan and Iraq Features an unprecedented breadth of coverage from eminent military historians and emerging scholars including little studied topics such as the military and music military ethics care of the dead and sports Surveys and evaluates the best scholarship on every important era and topic Summarizes current debates and identifies areas where conflicting interpretations are in need of further study *The Effectiveness of Airpower in the 20th Century* John F. O'Connell,2007-09 This volume looks at the air arms of seven nations engaged in World War II France Germany Great Britain Italy Japan the USSR and the United States Selected campaigns are discussed in detail to illustrate how national pre war airpower doctrine was applied and what results were achieved Preface *US Air Power* Thomas E. Mackin,1974 *Airpower and the Normandy Campaign* Michael Bechthold,2025-09-16 This essential work reframes the conversation about airpower in Normandy and offers a deeper understanding of its role in the Allied victory With fresh viewpoints for both scholars and practitioners of military history comprehensive research and expert analysis inspire further debate and exploration on the enduring legacy of airpower in modern warfare During the spring and summer of 1944 air superiority was essential for the success of Operation Overlord Allied air forces provided pivotal support across multiple domains from the elimination of the Luftwaffe and the protection of the invasion fleet to the tactical air support that facilitated ground operations Yet despite its undeniable significance the role of airpower has often been overshadowed by the more conventional ground battles The nuanced scholarship in this collection delves into complexities of air operations in Normandy through both traditional military histories and emerging perspectives Covering the roles of the Royal Air Force the U S Army Air Forces and the Luftwaffe and with an international scope that incorporates British American Canadian Australian French and German viewpoints a core theme throughout is the integrated nature of Allied air ground and naval forces during the campaign Using a joint or purple perspective the contributors highlight the interservice collaborations and the tensions that arose between them pointing out the operational dynamics essential to the overall success of the invasion Several case studies critically assess the successes and failures of airpower during the landings and the subsequent fighting and offer in depth analyses of specific air operations such as the bombing raids in the early days of the invasion the attack on Cherbourg and the effectiveness of U S heavy bombers in Operation Cobra The impact of airpower on French civilians particularly from bombing campaigns is another key theme underscoring the complex consequences of wartime aerial bombardment *United States Army in World War II* ,1959 **Annual**

Report for Fiscal Year ... Including the Reports of the Secretary of Defense, Secretary of the Army, Secretary of the Navy, Secretary of the Air Force United States. Department of Defense,1967

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