

Rise of the Fighter Aircraft 1914-1918



Richard P. Hallion

Rise Of The Fighter Aircraft 1914-1918

Spencer Tucker



Rise Of The Fighter Aircraft 1914-1918:

The Great War, 1914-1918 Spencer Tucker, 2002-01-04 An up to date and concise account of WWI for teachers and students looking for a balanced introduction It details both the military operations as well as the development of war aims alliance diplomacy and the war on the home front

Race to the Front Kevin D. Stubbs, 2002-09-30 When war broke out in Europe in 1914 nearly every combatant foresaw a short decisive conflict Experience would soon prove however that this belief was sorely misplaced Eventually excessive economic dislocations would topple every authoritarian regime Only the intervention of the United States would save the British and the French from collapse This book traces the trilateral struggle between the Entente the Central Powers and the United States to determine the outcome of the war Stubbs focuses on a few essential factors vital to understanding this three way race the acquisition of war materiel food human resources and the movement of each In an analysis of coalition strategies it is not enough to study the memoirs and memoranda of General Staffs or political figures engaged in war One must also examine the roles played by each population their industries economy means of transportation and the financial decisions that make such strategies possible In short the material foundations of war set the boundaries within which strategic maneuvers occur Ultimately the United States determined the outcome of the First World War not simply because it provided the last untapped reservoir of manpower but due to its overall economic contributions to the allied effort

The Emerging Shield Kenneth Schaffel, 1991

Technological Innovation and the Rise of Aviation, 1903-1941 Charles J. Gross, 2024-12-30 This book provides an overview of American aviation from 1903 to 1941 covering major developments in aviation technology It focuses on the role of the military and selected firms Under the fiscal constraints imposed by the post war military drawdown and the Great Depression the US military sacrificed quantity aircraft procurement for gains in quality Until foreign powers began huge rearmament programs US military aircraft were some of the most advanced in the world They held numerous international performance records before the US fell behind other powers that had gone on a war footing It offers new insights into the contributions of immigrants and foreign technologies to American aviation while examining the relationship between the government and the aviation industry It also highlights factors that enabled America to field some of the war's most advanced warplanes which ultimately helped win the Second World War

Terror of the Autumn Skies Blaine Pardoe, 2011-06 Frank Luke Jr was an unlikely pilot In the Great War when fliers were still knights of the air Luke was an ungallant loner a kid from Arizona who collected tarantulas shot buzzards and boxed miners But during two torrid weeks in September 1918 he was the deadliest man on the Western Front In only ten missions he destroyed fourteen heavily defended German balloons and four airplanes the second highest American tally in the entire war Author Blaine Pardoe retraces and refreshes Frank Luke's story through recently discovered correspondence Frantic short and splendid the life of Frank Luke Jr dramatizes the tragic intervention of an American spirit in the war that devastated Europe

Weapons and Warfare Spencer C. Tucker, 2020-03-26 This work

covers major weapons throughout human history beginning with clubs and maces through crossbows swords and gunpowder up to the hypersonic railgun lasers and robotic weapons under development today Weapons and Warfare is designed to provide students with a comprehensive and highly informative overview of weapons and their impact on the course of human history In addition to providing basic factual information this encyclopedia will delve into the greater historical context and significance of each weapon The chronological organization by time period will enable readers to fully understand the evolution of weapons throughout history The work begins with a foreword by a top scholar and a detailed introductory essay by the editor that provides an illuminating historical overview of weapons It then offers entries on more than 650 individual weapons systems Each entry has sources for further reading The weapons are presented alphabetically within six time periods ranging from the prehistoric and ancient periods to the contemporary period Each period has its own introduction that treats the major trends occurring in that era In addition 50 sidebars offer fascinating facts on various weapons Numerous illustrations throughout the text are also included

Wolfram Von Richthofen James S. Corum, 2008 The first book length biography of the Luftwaffe s top field commander Wolfram von Richthofen a master of the tactical and operational air war one of the key catalysts in the resurrection of the German air force and an ardent and unwavering follower of the Fuhrer

Instruments of War Spencer C. Tucker, 2015-07-28 This highly detailed and well illustrated single volume work documents the evolution of warfare across history through weaponry and technological change In war the weapons and technologies employed have direct effects on how battles are waged When new weapons are introduced they can dramatically alter the outcomes of warfare and consequently change the course of history itself This reference work provides a fascinating overview of the major weapon systems and military technologies that have had a major impact on world history Addressing weapons as crude as the club used by primitive man to the high tech weapons of today such as unmanned drones Instruments of War Weapons and Technologies That Have Changed History offers nearly 270 profusely illustrated entries that examine the key roles played by specific weapons and identify their success and failures The book begins with an introductory essay that frames the subject matter of the work and discusses the history of weapons as a whole The text is concise and accessible to general readers without extensive backgrounds in military history yet provides the detailed information necessary to convey the complexity of the evolution of warfare through technological change

World War I Spencer C. Tucker, 2014-10-28 Offering exhaustive coverage detailed analyses and the latest historical interpretations of events this expansive five volume encyclopedia is the most comprehensive and detailed reference source on the First World War available today One hundred years after the beginning of World War I in 1914 this conflict still stands as perhaps the most important event of the 20th century World War I toppled all of the existing empires at the time transformed the Middle East and vaulted the United States to becoming the world s leading economic power Its effects were profound and lasting and included outcomes that led to World War II This multivolume encyclopedia provides a wide ranging examination

of World War I that covers all of the important battles key individuals both civilian and military weapons and technologies and diplomatic social political cultural military and economic developments Suitable as a reference tool for high school and undergraduate students as well as faculty members and graduate level researchers World War I The Definitive Encyclopedia and Document Collection offers accessible in depth information and up to date analyses in a format that lends itself to quick and easy use The set comprises alphabetically arranged cross referenced entries accompanied by further reading selections as well as a comprehensive bibliography A fifth volume provides chronologically arranged documents and an A Z index

Eyes All Over the Sky James Streckfuss, 2016-05-19 The impact of the unsung heroes of WWI a must for any aviation enthusiast to further complement work on aerial reconnaissance in modern warfare Roads to the Great War Beyond the heroic deeds of the fighter pilots and bombers of World War I the real value of military aviation lay elsewhere aerial reconnaissance observation and photography impacted the fighting in many ways but little has been written about it Balloons and airplanes regulated artillery fire infantry liaison aircraft followed attacking troops and the retreats of defenders aerial photographers aided operational planners and provided the data for perpetually updated maps and naval airplanes airships and balloons acted as aerial sentinels in a complex anti submarine warfare organization Reconnaissance crews at the Battles of the Marne and Tannenberg averted disaster Eyes All Over the Sky fully explores all the aspects of aerial reconnaissance and its previously under appreciated significance Also included are the individual experiences of British American and German airmen true pioneers of aviation warfare With an interesting selection of photos the book is not only an excellent reference it is historically important Classic Wings This well researched history belongs on the shelf of anyone with a serious interest in the air war or the ground war of 1914 1918 Steve Suddaby former president of the World War One Historical Association

Iron Coffin David A. Mindell, 2012-03-01 The USS Monitor famously battled the CSS Virginia the armored and refitted USS Merrimack at Hampton Roads in March 1862 This updated edition of David A Mindell s classic account of the ironclad warships and the human dimension of modern warfare commemorates the 150th anniversary of this historic encounter Mindell explores how mariners fighting blindly below the waterline lived in and coped with the metal monster they called the iron coffin He investigates how the ironclad technology new to war in the nineteenth century changed not only the tools but also the experience of combat and anticipated today s world of mechanized pushbutton warfare The writings of William Frederick Keeler the ship s paymaster inform much of this book as do the experiences of everyman sailor George Geer who held Keeler in some contempt Mindell uses their compelling stories and those of other shipmates to recreate the thrills and dangers of living and fighting aboard this superweapon Recently pieces of the Monitor wreck have been raised from their watery grave and with them information about the ship continues to be discovered A new epilogue describes the recovery of the Monitor turret and its display at the USS Monitor Museum in Newport News Virginia This sensitive and enthralling history of the USS Monitor ensures that this fateful ship and the men who served on it will be remembered for

generations to come **Battle of Britain 1917** Jonathan Sutherland,Diane Canwell,2006-06-19 In the autumn of 1916 the Germans began to equip with the Gotha twin engine bomber The Gothas were designed to carry out attacks across the channel against Britain A group of four squadrons was established in Belgium and they carried out their first bombing raid towards the end of May 1917 This 22 aircraft sortie against the town of Folkestone caused 95 deaths In mid June a force of 18 Gothas attacked London in broad daylight Over 90 British fighters met them but not one Gotha was brought down This bombing raid caused 162 deaths From mid September an even larger more potent bomber joined the Gothas The Zeppelin Staaken Riesenflugzeug or Giant bomber It had a range of about 800km 500 miles The Gotha Giant night raids continued throughout 1917 almost unscathed until December when the British began to have success in intercepting the Gothas at night Anti aircraft fire was also becoming more effective and the increased use of barrage balloons affected the bombers By the end of the war a 50 mile long line of barrage balloons surrounded London In the meantime the Giants continued a small but influential campaign against London On 16 February during a four aircraft raid a Giant dropped a 1 000 kg 2 200 lb bomb the largest used by anyone in the war and blew up a wing of the Chelsea hospital **The Oxford Illustrated History of the First World War** Hew Strachan,2000 Having a profound influence on the history of the twentieth century the First World War left an intense legacy that continues to affect both those who lived through it and those who merely read about it in school It was the first conflict in which airplanes submarines and tanks played a significant role and the first in which casualties on the battlefield outnumbered those from disease It precipitated the collapse of the empires of Austria Hungary and Turkey and it promoted revolution in Russia America s entry into the war and the part it played in the peace settlement signaled the arrival on the world stage of a new great power In this extensively illustrated book an international team of experts explores the war in all its different aspects From its causes to its consequences from the strategy of the politicians to the tactics of the generals the course of the war is charted and its political and human consequences assessed The legacy of the war to end wars in poetry and prose in collective memory and political culture is with us still eighty years after that first Armistice Day This remarkable book helps us understand that legacy **Military Air Power in Europe Preparing for War** Norman Ridley,2023-01-24 The First World War had seen the mechanization of warfare Battle fronts 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 future of avoiding the kind of static battle fronts 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

The Royal Flying Corps, the Western Front and the Control of the Air, 1914-1918 James Pugh, 2017-05-12 By the middle of 1918 the British Army had successfully mastered the concept of all arms warfare on the Western Front This doctrine integrating infantry artillery armoured vehicles and crucially air power was to prove highly effective and formed the basis of major military operations for the next hundred years Yet whilst much has been written on the utilisation of ground forces the air element still tends to be studied in isolation from the army as a whole In order to move beyond the usual aircraft and aces approach this book explores the conceptual origins of the control of the air and the role of the Royal Flying Corps RFC within the British army In so doing it addresses four key themes First it explores and defines the most fundamental air power concept the control of the air by examining its conceptual origins before and during the First World War Second it moves beyond the popular history of air power during the First World War to reveal the complexity of the topic Third it reintegrates the study of air power during the First World War specifically that of the RFC into the strategic operational organisational and intellectual contexts of the era as well as embedding the study within the respective scholarly literatures of these contexts Fourth the book reinvigorates an entrenched historiography by challenging the usually critical interpretation of the RFC's approach to the control of the air providing new perspectives on air power during the First World War This includes an exploration of the creation of the RAF and its impact on the development of air power concepts

Blueprint for Victory Greg Baughen, 2017-05-17

European Powers in the First World War Spencer Tucker, 2018-12-07 First published in 1996 The First World War was the single most important event of the twentieth century This volume concentrates on non U S aspects of the conflict Organized alphabetically its more than 600 detailed entries offer information and insight on such subjects as the causes of the conflict major battles and campaigns weapons systems including military aviation chemical warfare the submarine and the tank and the terms of the peace Some 350 biographies provide information on the roles played in the conflict by generals admirals and civilian leaders There are also biographies of individuals who were shaped by the war such as Charles De Gaulle Adolf Hitler Benito Mussolini and Joseph Stalin essays on each of the countries involved in the conflict new appraisals of such subjects as military medicine and artillery tactics and essays on such diverse subjects as art literature and music in the war Each entry has references for additional reading and a subject index provides easy access The volume is an excellent reference source for scholar and neophyte alike

The Oxford History of the First World

War Hew Strachan, 2023-07-25 Histories you can trust The First World War now a century ago still shapes the world in which we live and its legacy lives on in poetry in prose in collective memory and political culture By the time the war ended in 1918 millions lay dead Three major empires lay shattered by defeat those of Germany Austria Hungary and the Ottomans A fourth Russia was in the throes of a revolution that helped define the rest of the twentieth century The Oxford History of the First World War brings together in one volume many of the most distinguished historians of the conflict in an account that matches the scale of the events From its causes to its consequences from the Western Front to the Eastern front from the strategy of the politicians to the tactics of the generals they chart the course of the war and assess its profound political and human consequences Chapters on economic mobilization the impact on women the role of propaganda and the rise of socialism establish the wider context of the fighting at sea and in the air and which ranged on land from the trenches of Flanders to the mountains of the Balkans and the deserts of the Middle East *Strategy for Chaos* Colin S. Gray, 2002 The remit of this study is to encourage further studies that make an honest and successful effort to achieve synergy between social science and history when analysing the impact of revolutions in military affairs RMAs *Air Power History* Sebastian Cox, Peter Gray, 2013-11-05 The 20th century saw air power transformed from novelists fantasy into stark reality From string and canvas to precision weaponry and stealth air power has progressed to become not only the weapon of first political choice but often the only conceivable option This rapid development has given rise to considerable debate and controversy with those holding entrenched views rarely slow to shout their case Many myths have grown over the period ranging from the once much vaunted ability of air power to win wars alone through to its impact as a coercive tool This volume examines the theory and practice of air power from its earliest inception The contributors have been drawn from academia and the military and represent some of the world's leading proponents on the subject All significant eras on air power employment are examined some are evidently turning points while others represent continuous development Perhaps more importantly the book highlights the areas that could be considered to be significant and invites the reader to enter the debate as to whether it constitutes a continuum a turning point or indeed a revolution

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Table of Contents Rise Of The Fighter Aircraft 19141918

1. Understanding the eBook Rise Of The Fighter Aircraft 19141918
 - The Rise of Digital Reading Rise Of The Fighter Aircraft 19141918
 - Advantages of eBooks Over Traditional Books
2. Identifying Rise Of The Fighter Aircraft 19141918
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Rise Of The Fighter Aircraft 19141918
 - User-Friendly Interface
4. Exploring eBook Recommendations from Rise Of The Fighter Aircraft 19141918
 - Personalized Recommendations
 - Rise Of The Fighter Aircraft 19141918 User Reviews and Ratings

- Rise Of The Fighter Aircraft 19141918 and Bestseller Lists
- 5. Accessing Rise Of The Fighter Aircraft 19141918 Free and Paid eBooks
 - Rise Of The Fighter Aircraft 19141918 Public Domain eBooks
 - Rise Of The Fighter Aircraft 19141918 eBook Subscription Services
 - Rise Of The Fighter Aircraft 19141918 Budget-Friendly Options
- 6. Navigating Rise Of The Fighter Aircraft 19141918 eBook Formats
 - ePub, PDF, MOBI, and More
 - Rise Of The Fighter Aircraft 19141918 Compatibility with Devices
 - Rise Of The Fighter Aircraft 19141918 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Rise Of The Fighter Aircraft 19141918
 - Highlighting and Note-Taking Rise Of The Fighter Aircraft 19141918
 - Interactive Elements Rise Of The Fighter Aircraft 19141918
- 8. Staying Engaged with Rise Of The Fighter Aircraft 19141918
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Rise Of The Fighter Aircraft 19141918
- 9. Balancing eBooks and Physical Books Rise Of The Fighter Aircraft 19141918
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Rise Of The Fighter Aircraft 19141918
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Rise Of The Fighter Aircraft 19141918
 - Setting Reading Goals Rise Of The Fighter Aircraft 19141918
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Rise Of The Fighter Aircraft 19141918
 - Fact-Checking eBook Content of Rise Of The Fighter Aircraft 19141918
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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