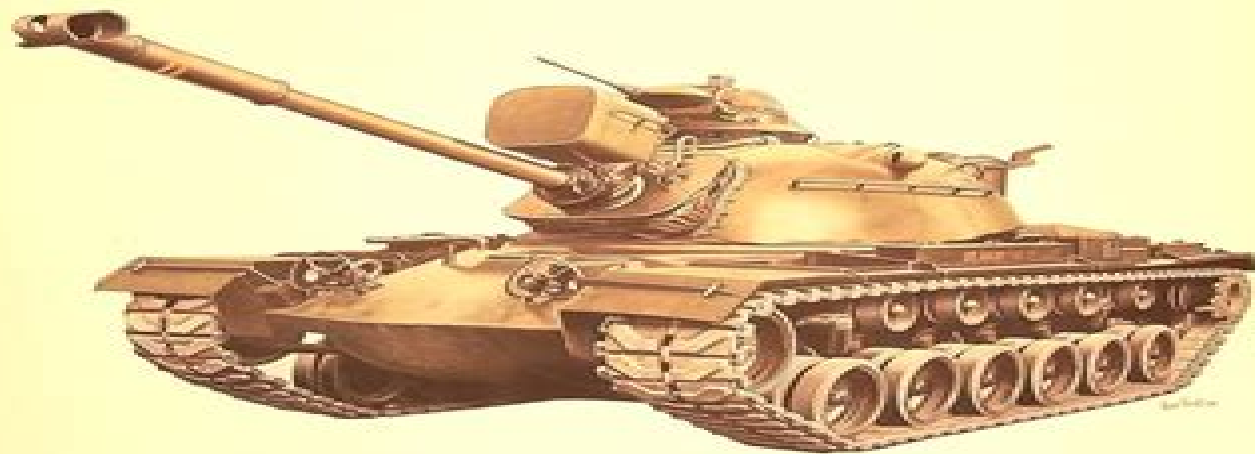


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# PATTON



**A History of  
the American Main Battle Tank**

Volume I

By R.P. Hunnicutt

# Patton A History Of The American Main Battle Tank

**Kathleen Armour**



## **Patton A History Of The American Main Battle Tank:**

A History of the American Main Battle Tank: Abrams R. P. Hunnicutt,1984      *Patton* Richard P. Hunnicutt,1984

*Abrams* R. P. Hunnicutt,2015-09-15 This installment in R P Hunnicutt s ambitious 10 volume series on the history of American tanks covers the development of the American main battle tank from its conception in the 1950s through the production and standardization of the M1 Abrams main battle tank In the 50s as the M48 Patton was gearing up for production there was a great deal of interest in developing new design concepts for future armored fighting vehicles many of these ideas made up the early foundations of the tank that would become the M1 Abrams 30 years later This was a very fertile and productive period for combat vehicle development and Hunnicutt covers nearly every detail of it with his trademark precision and diligence Many of the wildly radical design concepts considered in the 50s and 60s proved to be impractical but a number went on to be applied with great success to the Patton and its product improved M60 series In fact the M60 was used as an interim tank pending the development of a standardized main battle tank The project was eventually reoriented as an effort to design an effective tank at a specified reasonable cost After competing for the contract against GM Chrysler set out to design the tank that was designated as the XM1 This is the design that became standardized as the M1 Abrams and was introduced to troop service in 1981 It has since been improved with more powerful armaments and tougher armor as the 120mm gun tank M1A1 Hunnicutt meticulously traces the entire span of the M1 s development with the keen detail oriented eye that has made him a renowned figure in the world of military history Boasting dozens of photographs line drawings and figures in addition to Hunnicutt s painstakingly thorough research *Abrams A History of the American Main Battle Tank* is a must have for anyone with a profound interest in American military history Readers interested in related titles from R P Hunnicutt will also want to see *Armored Car* ISBN 9781626541559 *Bradley* ISBN 9781626542525 *Half Track* ISBN 9781626541320 *Patton* ISBN 9781626548794 *Pershing* ISBN 9781626541672 *Sheridan* ISBN 9781626541542 *Sherman* ISBN 9781626548619 *Stuart History of the American Light Tank Vol 1* ISBN 9781626548626 *Firepower* ISBN 9781635615036      *US Battle Tanks 1946-2025* Steven J. Zaloga,2024-11-07 A comprehensive and detailed illustrated examination of the development and combat performance of US battle tanks from the end of World War II through to the present day In this the second of two highly illustrated volumes telling the full history of the design development and operational use of US Army and US Marine Corps battle tanks Steven J Zaloga takes the story from the end of World War II through the US Soviet rivalry of the Cold War period right up to the latest developments in American armored technology *US Battle Tanks 1946 2025* draws and expands on material published in Osprey s *New Vanguard* and *Duel* series to explain how the US Army attempted to come to grips with the challenges of the nuclear battlefield and examines the introduction of new tank designs such as the famous Patton tank series as well as short lived attempts to develop more radical tanks such as the T95 It covers the overly ambitious and failed MBT 70 tank program and the more austere M1 Abrams that followed a tank

that proved to be the best US tank design of the post World War II period and one that is still in service today Published in association with the AUSA Book Program offering quality books about US Army heritage military theory and policy and security in the modern world

**M60 Main Battle Tank** David Grummitt, 2022-03-18 A guide blending the history behind a U S battle tank used in the late twentieth century with resources for military vehicle modeling enthusiasts The M60 was a second generation American main battle tank the last in the line of Patton tanks that had first been developed at the end of World War II It entered operational service with the United States Army in 1960 and some 15 000 M60s were manufactured by Chrysler at the Detroit Tank Arsenal Plant between then and when production ceased in 1983 It served with both the U S Army and the U S Marine Corps and was the principal tank deployed in Europe in the sixties seventies and early eighties providing NATO s main armored force at the height of the Cold War It became one of the most widely used armored fighting vehicles of the twentieth century serving in the armies of over twenty five countries It continued to serve alongside the M1 Abrams into the 1990s before this venerable Cold War warrior was finally retired from active service with the U S military in 1997 This volume charts the development of the M60 from its origins in World War II to the Cold War It focuses on its service with the U S military and other NATO armies examining its combat service in the First Gulf War and also with other armies in the Middle East The book gives a full account of the wide range of kits and accessories available in all the popular scales and a modeling gallery features builds covering a range of M60s in service with various armed forces Detailed color profiles provide both reference and inspiration for modelers and military enthusiasts alike Another marvelous Craft series profile this time on the M 60 For all you gamers getting into WWII here s the tank that was a US mainstay during the Cold War

Historical Miniatures Gaming Society **M60 Main Battle Tank 1960-91** Richard Lathrop, John McDonald, 2012-09-20 Entering service in the early 1960s the M60 tank was in production for 23 years and formed the backbone of US Army and Marine armoured units during the Cold War Over 15 000 were built in four basic models the M60 M60A1 M60A2 and the M60A3 Although the M60 had been phased out of US Army service by the time Iraq invaded Kuwait in 1990 M60s were amongst the first Allied tanks to enter Kuwait City with the US Marines This book examines the design and deployment of the M60 a very widely used vehicle that is still in service today

**Armor** , 1968 *History of Acquisition in the Dept. of Defense, Vol. II, Adapting to Flexible Response 1960-1968*, 2013 , 2014 *History of Acquisition in the Department of Defense* Elliott Vanveltner Converse, 2012

**Camp Colt to Desert Storm** George F. Hofmann, Donn A. Starry, 2014-04-23 This history of American armored warfare through the twentieth century boasts some of the best available analysis of mobile war as practiced by the US Publishers Weekly Camp Colt to Desert Storm is the only complete history of US armed forces from the advent of the tank in battle during World War I to the campaign to drive Iraq out of Kuwait in 1991 With comprehensive analysis it traces the development of doctrine for operations at the tactical and operational levels of war and assesses how this fighting doctrine translates into the development of equipment Beginning with the Army s first tank school

Camp Colt in Gettysburg Pennsylvania this volume examines how armored warfare effected and was influenced by the evolution of twentieth century combat The tank revolutionized the battlefield in World War II In the years since developments such as nuclear weapons ballistic missiles computer assisted firing and satellite navigation have continued to transform armored warfare s role in combat

**The 758th Tank Battalion in World War II** Joe Wilson, Jr.,2018-04-24 In 1941 the U S Army activated the 758th Tank Battalion the first all black armored unit By December 1944 they were fighting the Axis in Northern Italy from the Ligurian Sea through the Po Valley and into the Apennine Mountains where they helped breach the Gothic Line the Germans last major defensive line of the Italian Campaign After the war the 758th was deactivated but was reformed as the 64th Tank Battalion keeping their distinguished insignia a tusked elephant head over the motto We Pierce They entered the Korean War still segregated but returned fully integrated though discrimination continued internally Through the years they fought with almost every American tank the Stuart the Sherman the Pershing the Patton and today s Abrams Victorious over two fascist and racist regimes many black servicemen returned home to what they hoped would be a more tolerant nation Most were bitterly disappointed segregation was still the law of the land For many disappointment became a determination to fight discrimination with the same resolve that had defeated the Axis

**Tanks** Richard Ogorkiewicz,2015-02-20 From an internationally acclaimed expert in the field comes a detailed analytical and comprehensive account of the worldwide evolution of tanks from their inception a century ago to the present day With new ideas stemming from the latest academic research this study presents a reappraisal of the development of tanks and their evolution during World War I and how the surge in technological development during World War II and the subsequent Cold War drove developments in armour in Europe and America transforming tanks into fast resilient and powerful fighting machines From the primitive bizarre looking Mark V to the Matilda and from the menacing King Tiger to the superlative M1 Abrams Professor Ogorkiewicz shows how tanks gradually acquired the enhanced capabilities that enabled them to become what they are today the core of combined arms mechanized warfare

Tanks in the Easter Offensive 1972 William E. Hiestand,2022-02-17 This study explains how the armies of North and South Vietnam newly equipped with the most modern Soviet and US tanks and weaponry fought the decisive armored battles of the Easter Offensive Wearing by years of fighting against Viet Cong guerillas and North Vietnamese regulars the United States had almost completely withdrawn its forces from Vietnam by early 1972 Determined to halt the expansion and improvement of South Vietnamese forces under the U S Vietnamization program North Vietnam launched a major fourteen division attack in March 1972 against the South that became known as the Easter Offensive Hanoi s assault was spearheaded by 1 200 tanks and was counteracted on the opposite side by Saigon s newly equipped armored force using U S medium tanks The result was ferocious fighting between major Cold War era U S and Soviet tanks and mechanized equipment pitting M 48 medium and M 41 light tanks against their T 54 and PT 76 rivals in a variety of combat environments ranging from dense jungle to urban terrain Both sides employed

cutting edge weaponry for the first time including the U S TOW and Soviet 9M14 Malyutka wire guided anti tank missiles This volume examines the tanks armored forces and weapons that clashed in this little known campaign in detail using after action reports from the battlefield and other primary sources to analyze the technical and organizational factors that shaped the outcome Despite the ARVN s defensive success in October 1972 North Vietnam massively expanded its armor forces over the next two years while U S support waned This imbalance with key strategic misjudgments by the South Vietnamese President led to the stunning defeat of the South in 1975 when T54 tanks crashed through the fence surrounding the Presidential palace and took Saigon on 30 April 1975 Military Review ,1985 **Breaking The Mold: Tanks In The Cities [Illustrated Edition]** Kendall D. Gott,2014-08-15 Illustrated with 30 maps Few lessons are as prevalent in military history as is the adage that tanks don t perform well in cities The notion of deliberately committing tanks to urban combat is anathema to most In Breaking the Mold Tanks in the Cities Mr Ken Gott disproves that notion with a timely series of five case studies from World War II to the present war in Iraq This is not a parochial or triumphant study These cases demonstrate that tanks must do more than merely arrive on the battlefield to be successful in urban combat From Aachen in 1944 to Fallujah in 2004 the absolute need for specialized training and the use of combined arms at the lowest tactical levels are two of the most salient lessons that emerge from this study When properly employed well trained and well supported units led by tanks are decisive in urban combat The reverse is also true Chechen rebels taught the Russian army and the world a brutal lesson in Grozny about what happens when armored units are poorly led poorly trained and cavalierly employed in a city The case studies in this monograph are high intensity battles in conflicts ranging from limited interventions to major combat operations It would be wrong to use them to argue for the use of tanks in every urban situation As the intensity of the operation decreases the second and third order effects of using tanks in cities can begin to outweigh their utility The damage to infrastructure caused by their sheer weight and size is just one example of what can make tanks unsuitable for every mission Even during peace operations however the ability to employ tanks and other heavy armored vehicles quickly can be crucial A study on the utility of tanks in peace operations is warranted and planned Timothy R Reese Colonel Armor **The TARDEC Story** Jean M. Dasch,David J. Gorish (Ph.D.),2013-12-11 Full of illustrations and photographs this publication is a comprehensive history of the many innovations in tanks and other military ground vehicles and equipment developed by the engineers at TARDEC the U S Army Tank Automotive Research Development and Engineering Center TARDEC was formed in 1946 as an outgrowth of the Detroit Arsenal Tank Plant built during World War II During the early years emphasis was placed on evolving new technologies to improve military ground vehicles culminating in the development of the M1 Abrams tank Since then TARDEC has grown to be a key center for advanced technologies for military ground vehicles and equipment Recent years have brought an explosion of technology development and integration from hybrid engines to fuel cells from analytical simulation to enormous physical simulators and from small robots to entire unmanned vehicles Professional

Journal of the United States Army ,1985      Tanks: A WikiFocus Book George Andersen,2010-12-07 Tanks A WikiFocus Book details the history design command control and communication of Tanks worldwide A tank is a tracked armoured fighting vehicle designed for front line combat which combines operational mobility and tactical offensive and defensive capabilities WikiFocus Books are collaborative books designed for education on specific subject matter Our motto is Collaborative Books for Creative Minds and it is our mission to provide focused content for both educational and entertainment purposes We present targeted information on specific subjects which are compiled from online collaborative resources from across the globe Some text and images contained in this book have been reused and or repurposed for commercial distribution under the Creative Commons Attribution Sharealike 3 0 Unported License CC BY SA and the GNU Free Documentation License GFDL

**History of Acquisition in the Department of Defense, Volume 1** Elliott V. Converse,2012-06-12 This volume is a history of the acquisition of major weapon systems by the United States armed forces from 1945 to 1960 the decade and a half that spanned the Truman and Eisenhower administrations following World War II These instruments of warfare aircraft armored vehicles artillery guided missiles naval vessels and supporting electronic systems when combined with nuclear warheads gave the postwar American military unprecedented deterrent and striking power 1 They were also enormously expensive The volume is organized chronologically with individual chapters addressing the roles of OSD the Army Navy and Air Force in two distinct periods The first roughly coinciding with President Truman s tenure covers the years from the end of World War II through the end of the Korean War in 1953 The second spans the two terms of the Eisenhower presidency from 1953 through early 1961 The year 1953 marked a natural breakpoint between the two periods The Korean War had ended President Eisenhower and his defense team began implementing the New Look a policy and strategy based on nuclear weapons which they believed would provide security and make it possible to reduce military spending The New Look s stress on nuclear weapons along with the deployment of the first operational guided missiles and the rapid advances subsequently made in nuclear and missile technology profoundly influenced acquisition in the services throughout the 1950s and the remainder of the century As used in this study the term acquisition encompasses the activities by which the United States obtains weapons and other equipment In surveying the history of acquisition between 1945 and 1960 this study discusses or refers in passing to many of the hundreds of weapon system programs initiated by the services in that period but it is not a weapons encyclopedia Instead it investigates a few major programs in depth in the belief that such detailed examination best reveals the evolution of acquisition policies organizations and processes and the various forces influencing weapons programs      *New Books* National Defense University. Library,

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