

*History of the Naval Weapons Center, China Lake, California*

*Volume I*

## **SAILORS, SCIENTISTS, AND ROCKETS**

*Origins of the Navy Rocket Program and of  
The Naval Ordnance Test Station, Inglewood*

By

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Washington, 1971

# Sailors Scientists And Rockets

**Jacob Neufeld**



## **Sailors Scientists And Rockets:**

Sailors, Scientists, and Rockets Albert B. Christman, 1971 *Sailors, scientists, and rockets : origins of the Navy rocket program and of the Naval Ordnance Test Station, Inyokern* Albert B. Christman, Sailors, Scientists, and Rockets : Origins of the Navy Rocket Programs and of the Naval Ordnance Test Station, Inyokern Albert B. Christman, 1971 History of the Naval Weapons Center, China Lake, California: Sailors, scientists, and rockets; origins of the Navy rocket program and of the Naval Ordnance Test Station, Inyokern , 1971 The U.S. Navy's "Interim" LSM(R)s in World War II Ron MacKay, Jr., 2016-04-26 The Interim LSM R or Landing Ship Medium Rocket was a revolutionary development in rocket warfare in World War II and the U S Navy s first true rocket ship An entirely new class of commissioned warship and the forerunners of today s missile firing naval combatants these ships began as improvised conversions of conventional amphibious landing craft in South Carolina s Charleston Navy Yard during late 1944 They were rushed to the Pacific Theatre to support the U S Army and Marines with heavy rocket bombardments that devastated Japanese forces on Okinawa in 1945 Their primary mission was to deliver maximum firepower to enemy targets ashore Yet LSM R s also repulsed explosive Japanese speed boats rescued crippled warships recovered hundreds of survivors at sea and were deployed as antisubmarine hunter killers Casualties were staggering enemy gunfire blasted one while kamikaze attacks sank three crippled a fourth and grazed two more This book provides a comprehensive operational history of the Navy s 12 original Interim LSM R s **The development of ballistic missiles in the United States Air Force 1945-1960** , *History of the Naval Weapons Center, China Lake, California* , 1971 *The Development of Ballistic Missiles in the United States Air Force, 1945-1960* Jacob Neufeld, 1990 Following World War II the onset of nuclear weapons long range jet bombers and ballistic missiles radically changed American foreign policy and military strategy The United States Air Force led by men of far sighted vision and uncommon dedication accepted the challenge of organizing and leading a massive research and development effort to build ballistic missiles In the quarter of the century since these weapons have constituted one of the tree legs of the strategic triad the basis of America s strategy of deterring nuclear war yet they have received less attention from the public and within the Air Force than the more glamorous manned bombers of the Strategic Air Command or the missile launching submarines of the U S Navy This volume attempts to correct the imbalance by telling the story of development of Air Force ballistic Missiles It concentrates on the first generation of ballistic missiles the intercontinental Atlas and Titan and the intermediate range Thor Although the effort to develop rockets has a longer history than commonly assumed the modern history spans the relatively short era from 1945 to 1960 During this brief interval missiles advanced from drawing board to alert status where the next generation now remains poised to deter war **Sources of Weapon Systems Innovation in the Department of Defense: Role of Research and Development 1945-2000** Thomas C. Lassman, 2008-11-15 A broad historical overview of changing institutional patterns of technological innovation with the Defense Department s major weapons laboratories

**The Politics of Space Security** James Moltz, 2011-06-29 The past five decades have witnessed often fierce international rivalry in space but also surprising military restraint Now with an increasing number of countries capable of harming U S space assets experts and officials have renewed a long standing debate over the best route to space security Some argue that space defenses will be needed to protect critical military and civilian satellites Others argue that space should be a sanctuary from deployed weapons and military conflict particularly given the worsening threat posed by orbital space debris Moltz puts this debate into historical context by explaining the main trends in military space developments since Sputnik their underlying causes and the factors that are likely to influence their future course This new edition provides analysis of the Obama administration s space policy and the rise of new actors including China India and Iran His conclusion offers a unique perspective on the mutual risks militaries face in space and the need for all countries to commit to interdependent environmentally focused space security

Monthly Catalog of United States Government Publications ,1972      Essays on the History of Rocketry and Astronautics ,1970      NASA Conference Publication ,1977      *The Politics of Space Security* James Clay Moltz, 2023-05-25 Updated third edition An excellent work This history may be the best space summary currently in publication Journal of Military and Strategic Studies For more than sixty years countries have conducted military and civilian activities in space often for competitive purposes But they have not yet fought in this environment This book examines the international politics of the space age from 1957 to the present the reasons why strategic restraint emerged among the major military powers and how recent trends toward weaponization may challenge prior norms of conflict avoidance James Clay Moltz analyzes the competing demands of national interests in space against the shared interests of all spacefarers in preserving the safe use of space in the face of emerging threats such as man made orbital debris This new edition offers analysis of the 2011 to 2018 period including the second term of President Obama and the beginning of the Trump administration Focusing on great power competition and cooperation as well as questions related to the sustainability of current and future national space policies The Politics of Space Security is an authoritative history of the space age Praise for previous editions Most of this well written study is blessedly free from jargon a particularly valuable contribution to the space security debate given both the wide range of the historical dimensions and the incisive quality of its analysis Issues in Science and Technology An impressive and timely contribution to security studies it is difficult to find fault with this thoughtful and comprehensive volume Review of Policy Research

The Physicists Daniel J. Kevles, 1995 This magnificent account of the coming of age of physics in America has been heralded as the best introduction to the history of science in the United States Unsurpassed in its breadth and literary style Daniel J Kevles s account portrays the brilliant scientists who became a powerful force in bringing the world into a revolutionary new era The book ranges widely as it links these exciting developments to the social cultural and political changes that occurred from the post Civil War years to the present Throughout Kevles keeps his eye on the central question of how an avowedly elitist enterprise grew and prospered in a

democratic culture In this new edition the author has brought the story up to date by providing an extensive authoritative and colorful account of the Superconducting Super Collider from its origins in the international competition and intellectual needs of high energy particle physics through its establishment as a multibillion dollar project to its termination in 1993 as a result of angry opposition within the American physics community and Congress      *Target Hiroshima* A B Christman, 2014-02-15 For better or worse Navy captain William S Deak Parsons made the atomic bomb happen As ordnance chief and associate director at Los Alamos Parsons turned the scientists nuclear creation into a practical weapon As weaponeer he completed the assembly of Little Boy during the flight to Hiroshima As bomb commander he approved the release of the bomb that forever changed the world Yet over the past fifty years only fragments of his story have appeared in part because of his own self effacement and the nation s demand for secrecy Based on recently declassified Manhattan Project documents including Parsons logs and other untapped sources the book offers an unvarnished account of this unsung hero and his involvement in some of the greatest scientific advances of the twentieth century      **Essays on the History of Rocketry and Astronautics** ,1977      **Guided Missiles, Rockets and Artificial Satellites, Including Project Vanguard** Army Library (U.S.),1957      *Air University Library Index to Military Periodicals* ,1958      **Air University Periodical Index** ,1958

## Unveiling the Magic of Words: A Report on "**Sailors Scientists And Rockets**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is really awe-inspiring. Enter the realm of "**Sailors Scientists And Rockets**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

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