



Weapons In Space

Karl Grossman



Weapons In Space:

Weaponry in Space E. P. Velikhov, R. Z. Sagdeev, Andreï Afanas'evich Kokoshin, 1986 **Space Weapons** Frank Barnaby, 1984 Describes the reality of today's military space technology growing military role of Soviet and U S space shuttles spy satellites and anti satellite weapons and manned space stations **War in Heaven** Helen Caldicott, Craig R. Eisendrath, 2007 When most of us think about the potential of outer space for future generations we think of world communications satellite navigation and scientific exploration U S Space Command however thinks about weapons Believing that conflict in space and wars fought from space are inevitable the president has called on the agency to weaponize outer space and thus provoke an arms race that could cost the United States trillions of dollars and could lead to the demise of the human race In *War in Heaven* a Nobel Prize nominated peace activist and a former U S foreign service officer who helped write the Outer Space Treaty of 1967 look at the history of military uses of space and the current plans for militarizing the heavens including kinetic laser nuclear bombardment and anti satellite weapons Contrary to the claims of Secretary of Defense Donald Rumsfeld that the United States faces a space Pearl Harbor Caldicott and Eisendrath show that the United States itself is today the principal obstruction to passage of an international treaty banning weapons from outer space At a time when plans to build and deploy space weapons are on the administration's agenda but only just becoming known to the general public this book will help launch a national discussion of a critical issue *Space Weapons and U.S. Strategy* Paul B. Stares, 2021-01-26 This book first published in 1985 analyses the factors that have shaped the militarization of space By examining in great detail the determinants of U S policy it explains why for over 25 years space did not become the scene of an arms race and why this began to change in the late 1970s Both superpowers did however develop a limited anti satellite capability in the 1960s and these programmes are also discussed **Weapons in Space** Karl Grossman, 2001-06-05 *Weapons in Space* examines how the United States is forcing forward in violation of international treaties to militarize space Based on excerpts from U S government documents award winning investigative journalist Karl Grossman outlines the U S military's space doctrine its similarity with the original Stars Wars scheme of Ronald Reagan and Edward Teller and the space based lasers hypervelocity guns and particle beams it plans to deploy in its mission to dominate earth Grossman shows the intimate link between the militarization and the nuclearization of space and follows the flow of billions of U S tax dollars to the corporations that research and develop weapons for space His book explains the Outer Space Treaty and gives a history of the Global Network Against Weapons and Nuclear power in Space what it is doing what it plans to do and what the reader can do to challenge U S plans to turn the heavens into a war zone **Does the United States Need Space-based Weapons?** William L. Spacy II., William L. Spacy, 1999 Major Spacy examines the kinds of weapons that have been proposed for use in space He compares their capabilities with those of their surface based counterparts He addresses two questions What do space based weapons have to offer that other forms of military power lack What are space based weapons likely to

cost both in terms of dollars and in lost opportunities for pursuing other systems Major Spacy evaluates the theoretical capabilities of orbital weapons and compares them to weapons already in existence and concepts proposed for development His objective is to provide insight into where future investments should be made if the United States is to protect its increasingly important space based assets and retain its position as a global leader able to project military power wherever necessary

The Militarization and Weaponization of Space Matthew Mowthorpe,2004-01-01 The militarization of space began as a rivalry between the United States and the Soviet Union and grew to enormous proportions during the height of the Cold War Satellite reconnaissance navigation and weapons guidance and electronic intelligence comprise only a few of the efforts taken to militarize and dominate space Today as the prominence of information technology computing and telecommunications advances so does the concept of space as a battlefield In *The Militarization and Weaponization of Space* Matthew Mowthorpe diligently analyzes the military space policies of the United States the Soviet Union Russia and the People s Republic of China from the Cold War period to the present day Mowthorpe focuses on the development of the ballistic missile defense and other anti satellite systems and aptly assesses to what degree space will become armed This work cogently addresses an issue of increasing urgency to scholars of international politics

Weapons in Space Aaron Bateman,2024-05-07 A new and provocative take on the formerly classified history of accelerating superpower military competition in space in the late Cold War and beyond In March 1983 President Ronald Reagan shocked the world when he established the Strategic Defense Initiative SDI derisively known as Star Wars a space based missile defense program that aimed to protect the US from nuclear attack In *Weapons in Space* Aaron Bateman draws from recently declassified American European and Soviet documents to give an insightful account of SDI situating it within a new phase in the militarization of space after the superpower d tente fell apart in the 1970s In doing so Bateman reveals the largely secret role of military space technologies in late Cold War US defense strategy and foreign relations In contrast to existing narratives *Weapons in Space* shows how tension over the role of military space technologies in American statecraft was a central source of SDI s controversy even more so than questions of technical feasibility By detailing the participation of Western European countries in SDI research and development Bateman reframes space militarization in the 1970s and 1980s as an international phenomenon He further reveals that even though SDI did not come to fruition it obstructed diplomatic efforts to create new arms control limits in space Consequently *Weapons in Space* carries the legacy of SDI into the post Cold War era and shows how this controversial program continues to shape the global discourse about instability in space and the growing anxieties about a twenty first century space arms race

The New High Ground Thomas H. Karas,1983 *Outer Space* Alexei Arbatov,Vladimir Dvorkin,2011-11 In this era of globalization the world is facing a host of challenging security problems from the proliferation of weapons of mass destruction to international terrorism to accelerating climate change to energy security that cannot be resolved unilaterally especially through the unilateral use of military force One key issue that requires urgent

global attention is literally out of this world the military use of outer space This collection of essays by leading Russian experts analyzes the current military use of outer space The book describes the space weapons programs of various countries It details the history of negotiations to prevent or at least control the weaponization of space including analyses of the political military technical and legal problems facing negotiators trying to avoid a catastrophic new space race *Space Weapons, Space War* John W. Macvey,1979 Considering the probability that alien beings exist elsewhere in the galaxy an astronomer describes the weapons and stratagems with which future space wars may be fought and identifies potential danger spots within our own galaxy *Space Weapons Earth Wars* Robert Preston,Dana J. Johnson,Sean J. A. Edwards,Michael D. Miller,Calvin Shipbaugh,2002-02-13 This overview aims to inform the public discussion of space based weapons by examining their characteristics potential attributes limitations legality and utility The authors do not argue for or against space weapons nor do they estimate the potential costs and performance of specific programs but instead sort through the realities and myths surrounding space weapons in order to ensure that debates and discussions are based on fact

Space Weapons and US Strategy Paul B. Stares,1985 Controlling Space Weapons United States. Congress. Senate. Committee on Foreign Relations,1983 Weaponisation of Space: An Inevitable Reality and Plausible Fallout Group Captain PA Patil,2017-01-15 Militarily use of spacebased assets when integrated with operations assumes importance as one of the many force multipliers As on date outer space is being extensively used by the armed forces for varied services which include navigation intelligence surveillance reconnaissance environmental monitoring and advance warning The command and control in today s netcentric environment also depends on space resources Thus the use of outer space with spacebased assets in support of military operations leads to the deduction that space as a medium stands militarised Of late many of the dominant nations have developed or are expanding capabilities to attack the spacebased assets of potential adversaries to disrupt command and control structures Countries like the US and China are contesting for space supremacy and working towards developing spacebased weapons capable of being delivered from spacebased platforms These developments in turn are infusing a sense of insecurity amongst other international players including India and have raised concerns worldwide Development of spacebased weapons by any state has the potential to ignite a new arms race in space as many countries now possess the wherewithal for launching spacebased assets capable of carrying the required payloads Thus from the present capability of militarisation of space we seem to be graduating towards weaponisation of space As outer space has been designated as one of the global commons any sort of deployment or employment of space weapons raises concerns and any use of spacebased weapons will have unpleasant cascading effects In the absence of any international curb or law on space weaponisation it continues to be a conceptual possibility as well as an empirical reality *Laser Weapons In Space* Keith B. Payne,2019-03-04 This is the first comprehensive examination of the issues surrounding the potential development by the United States of a space based laser weapons program The authors assess the implications of arms control agreements for a

satellite based laser program including discussions of recent Soviet space related arms control initiatives and the forthcoming ABM treaty review They outline likely Soviet responses to a U S space based laser system address criticisms of the proposed program and consider its future in light of developments in U S defense strategy and doctrine **Peaceful and Non-Peaceful Uses of Space** Unidir United Nations Institute For Disarmament Research,2021-01-26 This book first published in 1991 is the cumulative result of a long period of research by qualified experts in an attempt to analyse the legal and scientific problems of arriving at definitions in the task of preventing an arms race in outer space Problems of definition confront the negotiator at the very outset of any discussion on preventing a space arms race this book sets out to remove these problems by examining the possible definitions **Future Security in Space** Mountbatten Centre for International Studies (University of Southampton),2002 Arms Control in Space Max M. Mutschler,2013-10-16 This book puts the widely held view that arms control in space is not possible to the test and aims to explore how and under what conditions arms control could become a reality Drawing upon international regimes and IR theory Mutschler examines the success of space weapons and anti ballistic missiles **Does the United States Need Space-Based Weapons?.** William L. Spacy II,2022

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