

Plowshares and Power

The Military Use of Civil Space

Bob Preston

Plowshares And Power The Military Use Of Civil Space

Bleddyn E. Bowen



Plowshares And Power The Military Use Of Civil Space:

Plowshares and Power Bob Preston, 1994 **Plowshares and Power** Bob Preston, 1994 Since the wall dividing the Germanies came down symbolically marking the end of the Cold War three new movements have become clear in the strategic planning of the more powerful nations 1 regional issues are supplanting global ones 2 roles and missions for the armed forces are changing 3 the balance between military and economic strength is shifting toward the economic The United States is experiencing major changes in all three areas With the third area in particular U S planners urgently need new policies to exploit technological advantages in general and the military use of civil space in particular from Foreword page ix

On the Edge of Earth Steven Lambakis, 2014-04-23 Interesting and provocative Recommended for anyone interested in space policy and national security affairs Choice The United States has long exploited Earth's orbits to enhance security generate wealth and solidify its position as a world leader America's ambivalence toward military activities in space however has the potential to undermine our future security Some perceive space as a place to defend and fight for America's vital interests Others whose voices are frequently dominant and manifested in public rhetoric funded defense programs international diplomacy and treaty commitments look upon space as a preserve not to be despoiled by earthly strife After forty years of discussion the debate over America's role in space rages on In light of the steady increase in international satellite activity for commercial and military purposes America's vacillation on this issue could begin to pose a real threat to our national security Steven Lambakis argues that this policy dysfunction will eventually manifest itself in diminished international political leverage the forfeiture of technological advances and the squandering of valuable financial resources Lambakis reviews key political military and business developments in space over the past four decades Emphasizing that we should not take our unobstructed and unlimited access to space for granted he identifies potential space threats and policy flaws and proposes steps to meet national security demands for the twenty first century Provides a wealth of details on a wide range of factors that contribute to space power Air Space Power Journal Will trigger public debate generate controversy and add creatively to the policy debate John D Stempel author of Common Sense and Foreign Policy *Dispute Settlement in International Space Law* Gérardine Goh, 2007-06-30 The existence of international law with its rights rules and regulations is futile without an effective enforcement mechanism that provides a sufficient and adequate remedy International space law is particularly significant in the evolution of international dispute settlement because it involves a consideration of issues from an international and interdisciplinary perspective These issues range from policies of regional and international organizations to juridical dispute settlement and global governance to fiscal entrepreneurship and business efficacy and to scientific breakthroughs and technological advances In this context this book looks at an international and interdisciplinary approach in dealing with dispute resolution in space activities It proposes a workable legal framework for dispute resolution in outer space together with a mechanism for enforcement and verification Space Policy in the Twenty-First Century W.

Henry Lambricht, 2003 Though more than forty years old the space age has just begun and questions about its future abound What will replace the Space Shuttle Will the International Space Station justify its 100 billion potential cost Are asteroids real threats to Earth or just the subject of science fiction movies Will humans land on Mars Will the search for extraterrestrial life be rewarded In *Space Policy in the Twenty First Century* W Henry Lambricht brings together ten top ranking observers of United States space exploration to address these and other issues relating to the future of the space program While the U S no longer competes with the Soviets for technological firsts they argue ideology and national image remain at the core of space policy with other factors playing subordinate roles Reminding readers of the historical highlights the authors pose searching questions about the priorities and applications of space science manned vs unmanned flights and commercial access to the space enterprise Contributors include Christopher F Chyba SETI Institute and Stanford University Ronald J Deibert University of Toronto Daniel H Deudney the Johns Hopkins University W Henry Lambricht Syracuse University Roger D Launius NASA Karl A Leib Syracuse University John M Logsdon George Washington University Howard E McCurdy American University Scott N Pace White House Office of Science and Technology Policy and Debora L VanNijnatten Wilfrid Laurier University [Air & Space Power Journal spr 02](#) , *Harnessing the Heavens* Elwood L. White, 2006 **War in Space** Bleddyn E. Bowen, 2020-06-18 No detailed description available for *War in Space* [Power and Conflict in the Age of Transparency](#) B. Finel, K. Lord, 2002-10-03 The twenty first century will feature unprecedented global transparency From the advent of the Internet to the rise of global media to the proliferation of commercial satellites more information will be available to more people about more things than ever before in human history This increase in transparency is certain to have a major effect on international politics and particularly on the possibility of armed conflict in the next millennium This volume represents the first comprehensive collection of articles written by leading scholars and policy analysts examining the effects of transparency on world politics **The Wizards Of Langley** Jeffrey T. Richelson, 2008-11-10 In this the first full length study of the Directorate of Science and Technology Jeffrey T Richelson walks us down the corridors of CIA headquarters in Langley Virginia and through the four decades of science scientists and managers that produced the CIA we have today He tells a story of amazing technological innovation in service of intelligence gathering of bitter bureaucratic infighting and sometimes as in the case of its mind control adventure of stunning moral failure Based on original interviews and extensive archival research *The Wizards of Langley* turns a piercing lamp on many of the agency s activities many never before made public *Original Sin* Bleddyn E. Bowen, 2022-10-27 Space technology was developed to enhance the killing power of the state The Moon landings and the launch of the Space Shuttle were mere sideshows drawing public attention away from the real goal military and economic control of space as a source of power on Earth Today as Bleddyn E Bowen vividly recounts thousands of satellites work silently in the background to provide essential military intelligence and economic capabilities No major power can do without them Beyond Washington Moscow and Beijing truly global

technologies have evolved from the ground floor of the nuclear missile revolution to today's orbital battlefield shaping the wars to come. World powers including India, Japan and Europe are fully realising the strategic benefits of commanding Earth's cosmic coastline as a stage for war development and prestige. Yet as new contenders spend more and more on outer space there is scope for cautious optimism about the future of the Space Age if we can recognise rather than hide its original sin.

Striking Power Jeremy Rabkin, John Yoo, 2017-09-12 Threats to international peace and security include the proliferation of weapons of mass destructions, rogue nations and international terrorism. The United States must respond to these challenges to its national security and to world stability by embracing new military technologies such as drones, autonomous robots and cyber weapons. These weapons can provide more precise, less destructive means to coerce opponents to stop WMD proliferation, clamp down on terrorism or end humanitarian disasters. Efforts to constrain new military technologies are not only doomed but dangerous. Most weapons in themselves are not good or evil; their morality turns on the motives and purposes for the war itself. These new weapons can send a strong message without cause death or severe personal injury and as a result can make war less rather than more destructive.

Special Bibliography Series, 1957 *Strategic Appraisal* Zalmay Khalilzad, Jeremy Shapiro, 2002-07-31 Change in international relations in technology and in society as a whole has become the idiom of our age. One example of these changes has been an increasing recognition of the value of air and space assets for handling nearly every contingency from disaster relief to war and consequently increasing demand for such assets. These developments have created both challenges and opportunities for the U.S. Air Force. This, the fourth volume in the Strategic Appraisal series, draws on the expertise of researchers from across RAND to explore both the challenges and opportunities that the U.S. Air Force faces as it strives to support the nation's interests in a challenging technological and security environment. Contributors examine the changing roles of air and space forces in U.S. national security strategy, the implications of new systems and technologies for military operations and the role of nuclear weapons in U.S. security strategy. Contributors also discuss the status of major modernization efforts within the Air Force and the bill of health of the Air Force as measured by its readiness to undertake its missions both today and in the future.

Parameters, 1997 **A Sea of Peace Or a Theater for War** John E. Hyten, 2000 **Naval War College Review**, 1999 Naval War College Review Naval War College (U.S.), 1999 **Commercial Observation Satellites** John C. Baker, Kevin M. O'Connell, Ray A. Williamson, 2001 Featuring numerous satellite images and case studies, this book brings together an impressive group of experts to assess the implications of this emerging information technology.

World Affairs, 2000 Includes the Annual report of the American Peace Society.

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