

Arms Production in Japan

The Military Applications of
Civilian Technology

Reinhard Drifte



Arms Production In Japan The Military Applications Of Civilian Technology

Frances Scott



Arms Production In Japan The Military Applications Of Civilian Technology:

Arms Production In Japan Reinhard Drifte, 2019-03-13 Although Japan's arms industry is still relatively small significant political economic and technological developments indicate its growing importance and pave the way for Japan's increasing involvement in arms production In this comprehensive study Dr Drifte examines both the domestic and international environments that are encouraging Japan

Military Production and Innovation in Spain Jordi Molas-Gallart, 1992 Military Production and Innovation in Spain extends the scope beyond the traditional analysis of arms producers to include components and sub systems manufacturers It combines a description of the changes experienced by Spanish military production with an analysis of its deeply rooted structural characteristics The book provides an in depth exploration of the Spanish military related industry its links with the rest of the economy and its potential role as a technological engine for the Spanish economy

China's Emergence as a Defense Technological Power Tai Ming Cheung, 2013-10-31 China is flexing its growing military and strategic clout in the pursuit of broadening national security interests At the same time the country's economic and technology policies have also become more nationalistic state centered and ambitious China's defense economy has set its sights on catching up with the West by the beginning of the 2020s and is making steady progress in building up its innovation capabilities although this is presently in the form of incremental and sustaining types of activities More high end disruptive forms of innovation that would lead to major breakthroughs are likely to be beyond China's reach in the near to medium term This volume provides a wide ranging and detailed assessment of the present state of the Chinese defense economy at a time of rapid change and accelerating advancement in its innovation capabilities and performance This collection of articles has three main goals 1 to locate China's defense innovation dynamics within broader historical technological and methodological frameworks of analysis 2 to assess the performance of the Chinese defense economy's six principal subsectors and 3 to compare China's approach to defense industrialization with major counterparts in the Asia Pacific region This book was originally published as a special issue of the Journal of Strategic Studies

Military R&D after the Cold War Philip Gummett, Mikhail Boutousov, Janos Farkas, Arie Rip, 2012-12-06 Countries establish defence industries for various reasons Chief among these are usually a concern with national security and a desire to be as independent as possible in the supply of the armaments which they believe they need But defence industries are different from most other industries Their customer is governments Their product is intended to safeguard the most vital interests of the state The effectiveness of these products in the real rather than the experimental sense is not normally tested at the time of purchase If or when it is tested many other factors such as the quality of political and military leadership enter into the equation so complicating judgments about the quality of the armaments and about the reliability of the promises made by the manufacturers All of these features make the defence sector an unusually political industrial sector This has been true in both the command economies of the former Soviet Union and its satellites and in the market or mixed economies of the west

In both cases to speak only a little over generally the defence sector has been particularly privileged and particularly protected from the usual economic vicissitudes In both cases too its centrality to the perceived vital interests of the state has given it an unusual degree of political access and support

Japan's Military Renaissance? Keisuke Matsuyama, Ron Matthews, 2016-07-27 The purpose of this book is to examine the security related aspects behind Japan's emerging internationalism Japan has for some time been projecting a higher international profile which the Diet's approval to allow Japanese armed forces to operate abroad is but one manifestation The book's scope is not limited to military issues it embraces a spectrum of security related topics such as constitutional amendment international re alignment and cooperation defence industrialisation Japan US relations and technology leakage and Japan's role in the new international order

The Arms Dynamic in World Politics Barry Buzan, Eric Herring, 1998 Presented as a successor to the Cold War era book *An Introduction to Strategic Studies* this volume explores issues of military security through a framework that links the issues of technology and world politics Arguing that the technological aspect of the global strategic environment is partway through a centuries long process of transformation sped up by the advent of the information age the authors examine such issues as different levels of industrial development on security what they argue is the relative infrequency of the use of force between states the use of military threats such as mass destruction concepts that military means create problems in themselves such as fear of war and insecurity and finally ways in which regulatory schemes such as disarmament can be put to use to solve some of those problems Paper edition unseen 22 50 Annotation copyrighted by Book News Inc Portland OR

Security & Arms Control in the North Pacific A. Mack, P. Keal, 2023-05-26 First published in 1988 Security others focus on particular issues the nuclear infrastructure controlling the arms trade confidence building and naval arms control A unifying theme of this collection is the tension between military and non military approaches to security between threat and reassurance and between deterrence and confidence building This comprehensive book is a must read for scholars and researchers of security studies defence studies international politics and diplomacy

Conversion of Military R&D Joseph Rotblat, Judith Reppy, Vsevolod Avduyevsky, John Holdren, 2016-07-27 The book describes the scale benefits and costs of military research and development It discusses the process of converting military R D to civilian applications and examines specific opportunities for and obstacles to conversion in the USA Russia France Germany and the UK Among a number of case studies senior scientists from US and Russian nuclear weapons laboratories debate the futures for these massive complexes Looking to the future the dual military civilian nature of technology is discussed

Japan's Computer and Communications Industry Martin Fransman, 1995 This work draws on and extends the theoretical framework developed by such authors as Richard Nelson Sidney Winter David Teece Alfred Chandler Nathan Rosenberg and Christopher Freeman through an empirical analysis of the evolution of the Japanese information and communications IC industry Particular attention is paid to the development of a theory of the firm which is consistent with this empirical objective The Japanese IC industry contains

three main segments computers and software telecommunications equipment and semiconductors The work asks How did such Japanese companies as NTT NEC Fujitsu Hitachi Toshiba and Sumitomo Electric manage to catch up and become some of the largest companies in the world Why have they not been as successful in global markets as their counterparts in consumer electronics and automobiles What role was played by NTT's system of controlled competition and by MITI Based on over 600 personal interviews over eight years with Japanese leaders this book provides new analyses and empirical material on this crucial industry

Japan's Role in International Politics since World War II Edward R. Beauchamp, 2013-04-11 The best scholarship on the development of contemporary Japan This collection presents well over 100 scholarly articles on modern Japanese society written by leading scholars in the field These selections have been drawn from the most distinguished scholarly journals as well as from journals that are less well known among specialists and the articles represent the best and most important scholarship on their particular topic An understanding of the present through the lens of the past The field of modern Japan studies has grown steadily as Westerners have recognized the importance of Japan as a leading world economic force and an emerging regional power The post 1945 economic success of the Japanese has however been achieved in the context of that nation's history social structure educational enterprise and political environment It is impossible to understand the postwar economic miracle without an appreciation of these elements Japan's economic emergence has brought about and in some cases exacerbated already existing tensions and these tensions have in turn had a significant impact on Japanese economic life The series is designed to give readers a basic understanding of modern Japan its institutions and its people as we stand on the threshold of a new century often referred to as the Pacific Century

Defense Conversion Strategies Robert E. Dundervill, Jr., Peter F. Gerity, Anthony K. Hyder, Lawrence H. Luessen, 2013-03-09 A North Atlantic Treaty Organization NATO Advanced Studies Institute ASI on Defense Conversion Strategies was held at the Atholl Palace Hotel Pitlochry Perthshire Scotland from July 2 through July 14 1995 This publication is the proceedings of the Institute The NATO Advanced Studies Institute program of the NATO Science Committee is a unique and valuable forum under whose auspices over one thousand international tutorial meetings have been held since the inception of the program in 1959 The ASI is intended to be primarily a high level teaching activity at which a carefully defined subject is presented in a systematic and coherently structured program The subject is treated in considerable depth by lecturers eminent in their fields and of international standing The subject is presented to other experts or practitioners who will already have specialized in the field or possess an advanced general background appropriate to the topic The ASI is aimed at an audience at the post doctoral level This does not exclude advanced graduate students or other senior participants with qualifications and achievements in the subject of the ASI or related areas This ASI was prompted by several events in the defense environment

The U.S., Japan, and Asia Frances Scott, 1993

Japanese Defence Syed Javed Maswood, 1990 This book focuses on the defence policy of the Nakasone administration and attempts to provide an explanation for the policy measures

which its administration implemented or initiated It suggests that the widening disparity between economic interests and political power forced Japan to review the traditional bases for defence policy making and prompted the search for a balance that would allow the country a more active role in the international sphere The book is organized around the central theme that Nakasone's defence policy can be understood as an attempt to rehabilitate Japan as a normal state and end the state of affairs that had relegated it to a unique and low position

Structure and Policy in Japan and the United States Peter F. Cowhey, Mathew McCubbins, 1995-09-29 This volume compares the strengths and weaknesses of governments in Japan and in the US

Militarisation and Demilitarisation in Contemporary Japan Glenn D. Hook, 2003-12-16 The intertwined issues of Japanese identity and normality are at the centre of the tension between internal and external pressures on Japanese defence and security policies With chapters on peace thought the militarisation and demilitarisation of language as well as the hard aspects of the Japanese military build up in the 1980s and the response to the Gulf War in the 1990s this study challenges many of the preconceived notions on Japanese defence and security policies and the policy making process in Japan

The Politics of Defense in Japan Joseph P. Keddell, 1993 Examines how the Japanese government used a series of incremental measures in three different periods to manage conflicting international and domestic pressure over defense issues in the context of the country's military dependence on the US since World War II Details the influence and origins of such constraints as the one percent of GNP ceiling of defense spending various international treaties and the strong public opinion against the military and concludes that domestic political tranquility is more important to the government than military parity with other countries Annotation copyright by Book News Inc Portland OR

Shōwa Japan: 1973-1989 Stephen S. Large, 1998 The influential articles reprinted in this set with a major new introduction offer a rich variety of perspectives on this vital and controversial period in twentieth century Japanese history

Chinese-Japanese Relations in the Twenty First Century Marie Söderberg, 2003-08-29 This important collection analyses the changing context of China's relationship with Japan Its eminent international contributors address core issues including strategic concerns security the issue of Taiwan diplomacy economic relations trade the role of firms and currency The book brings together a wide range of perspectives to offer a rich and varied understanding of one of Asia's most crucial and complex relationships

An Arms Race in Post-cold War Southeast Asia Amitav Acharya, 1994 In the prevailing climate of uncertainty and apprehension about Southeast Asia's security outlook in the post Cold War era this study looks at the question of whether there is an impending arms race in the region It examines the factors behind the recent trends towards increased defence spending and force modernisation in countries in the region and what efforts should and can be undertaken to ensure that this build up does not become a threat to regional security and stability

The MIT Encyclopedia of the Japanese Economy Robert C. Hsu, 1999 The MIT Encyclopedia of the Japanese Economy was the first English language encyclopedia to cover all major aspects of Japan's postwar economy The second edition has been fully revised and expanded and includes previously

unpublished data as well as coverage of recent developments in the economy The definitional entries concisely explain major economic concepts and include translations of Japanese economic terms and cross references to the longer topical essays The 180 topical essays cover banks financial systems major industries corporate groups management practices labor unions international trade and investments government economic policies and more They also include comprehensive statistics American and Japanese views on economic relations between the two countries and suggestions for further reading A new index contains names of major companies

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