# coming next in ... JFQ

# **Focus on Naval Power**

## **U.S. Central Command**

plus

**Defeating Global Networks** 

Use of Military Force by the President

... and more in issue 50, 3<sup>d</sup> Quarter 2008 of *JFQ* 











### JOINT FORCE QUARTERLY

Published for the Chairman of the Joint Chiefs of Staff by National Defense University Press Institute for National Strategic Studies National Defense University, Washington, DC





Editor Col David H. Gurney, USMC (Ret.) gurneyd@ndu.edu Executive Editor Jeffrey D. Smotherman, Ph.D. Managing Editor, NDU Press LTC Robert E. Henstrand, USA Supervisory Editor George C. Maerz Production Supervisor Martin J. Peters, Jr. Senior Copy Editor Calvin B. Kelley Book Review Editor Lisa M. Yambrick Associate Editor CDR Margaret Kerr-McKown, USN Design Rebecca J. White, Chris Dunham, and Jamie Harvey U.S. Government Printing Office Printed in St. Louis, Missouri

NDU Press is the National Defense University's cross-component, professional military and academic publishing house. It publishes books, policy briefs, occasional papers, monographs, and special reports on national security strategy, defense policy, national military strategy, regional security affairs, and global strategic problems. NDU Press is part of the Institute for National Strategic Studies, a policy research and strategic gaming organization.

This is the authoritative, official U.S. Department of Defense edition of JFQ. Any copyrighted portions of this journal may not be reproduced or extracted without permission of the copyright proprietors. Joint Force Quarterly should be acknowledged whenever material is quoted from or based on its content.

#### COMMUNICATIONS

Please visit NDU Press and Joint Force Ouarterly online at ndupress.ndu.edu for more on upcoming issues, an electronic archive of JFQ articles, and access to many other useful NDU Press publications. Constructive comments and contributions are important to us. Please direct editorial communications to the link on the NDU Press Web site or write to:

Editor, Joint Force Quarterly National Defense University Press 300 Fifth Avenue Fort Lesley J. McNair Washington, DC 20319-5066

Telephone: (202) 685-4220/DSN 325 FAX: (202) 685-4219/DSN 325 Email: gurneyd@ndu.edu JFQ online: ndupress.ndu.edu

> 2ª Quarter, April 2008 ISSN 1070-0692



#### **JFQ Dialogue**

- **4** Letters to the Editor
- **6** Joint Doctrine Update

#### Forum

- 7 Executive Summary
- America's Air Force: The Nation's Guardian By T. Michael Moseley 10
- 16 MV-22B Osprey: A Strategic Leap Forward By Glenn M. Walters
- 20 Army Unmanned Aircraft Systems: Decisive in Battle By Jeffrey Kappenman
- 24 A Strategy Based on Faith: The Enduring Appeal of Progressive American Airpower *By Mark Clodfelter*
- **32** Shaping the Joint Fight in Air, Space, and Cyberspace By C. Robert Kehler
- **38** Strategic Air Mobility and Global Power Projection *By Arthur J. Lichte*
- **44** Domain Expertise and Command and Control By Raymond E. Johns, Jr., and Bruce Hanessian
- Unmanned Aircraft Systems: Taking Strategy to Task By David A. Deptula
- 52 Data Transparency: Empowering Decisionmakers By Michael W. Peterson
- 54 Aerial Partners in Arms By Benjamin S. Lambeth
- 61 The Joint STARS Challenge By Price T. Bingham
- Spacepower in the 21<sup>st</sup> Century By Charles D. Lutes 66
- 73 A Deeper Shade of Blue: The School of Advanced Air and Space Studies By Stephen D. Chiabotti
- The Next Horizon: Building a Viable Force By John A.Bradley, Gary L. Crone, and David W. Hembroff (available only at www. ndupress.ndu.edu)

#### Commentary

- Rebuilding Global Airpower By Barry R. McCaffrey
- 80 Air and Space Power Going Forward By David A. Deptula
- 86 Developing Joint Counterinsurgency Doctrine: An Airman's Perspective By Charles J. Dunlap, Jr.
- **93** On Airpower, Land Power, and Counterinsurgency: Getting Doctrine Right By James S. Corum
- **98** National Security and Global Climate Change By Sean C. Maybee

#### CORRECTION

The JFQ 48 (1<sup>st</sup> quarter, 2008) cover photograph showed Camp Six, Guantanamo Bay Naval Base, not Camp One as stated in the caption.



### **Strategic Challenges America's Global Security Agenda**

edited by Stephen J. Flanagan and James A. Schear

This volume is the flagship publication of National Defense University's Institute for National Strategic Studies (INSS), one of the most prominent and authoritative research organizations in the national security community. It represents the collective wisdom of INSS expert analysts as they survey the global security situation in the coming decade.

Chapter one sets the scene by describing enduring geostrategic, military-technical, and regional trends, as well as strategic wildcards or disruptive events that could alter the calculus. Succeeding chapters address the seven challenges one by one: countering global terrorism, combating WMD threats, protecting the homeland, defusing regional conflicts, engaging other major powers, adapting alliances and partnerships, and transforming defense strategy and posture.

430 pp. Hardcover ISBN: 978-1-59797-120-1 Softcover ISBN: 978-1-59797-121-8

Strategic

Challenges

**Congress at War The Politics of Conflict Since 1789** 

by Charles A. Stevenson

The author reviews the historical record of the U.S. Congress in authorizing, funding, overseeing, and terminating major military operations. Refuting arguments that Congress cannot and should not set limits or conditions on the use of the U.S. Armed Forces, this book catalogs the many times when previous Congresses have enacted restrictions—often with the acceptance and compliance of wartime Presidents. While Congress has formally declared war only 5 times in U.S. history, it has authorized the use of force 15 other times. In recent decades, however, lawmakers have weakened their constitutional claims by failing on several occasions to enact measures either supporting or opposing military operations ordered by the President.







he Politics of Conflict since 178

#### CHARLES A. STEVENSON

103 pp. ISBN: 978-1-59797-181-2



Institutions and organizations wishing to place bulk orders for either book qualify for special discounts. For details, please contact: Sam Dorrance, Director of Marketing, Potomac Books, Inc. Email: sam@booksintl.com or telephone (703) 996-1028









Published for the Institute for National Strategic Studies by National Defense University Press and Potomac Books, Inc. Washington, DC: Potomac Books, 2008 Order online at: <www.potomacbooksinc.com> Hardcover \$65, Softcover \$35 Use code ND0608 for a 25 percent discount (expires June 30, 2008)

Dr. Charles A. Stevenson teaches at the Nitze School of Advanced International Studies of The Johns Hopkins University. A former professor at the National War College, he also draws upon his two decades as a Senate staffer on national security matters to illustrate the political motivations that influence decisions on war and peace.

Concise, dramatically written, and illustrated with summary tables, this book is a must-read for anyone interested in

Published for the Center for Technology and National Security Policy by National Defense University Press and Potomac Books, Inc. Washington, DC: Potomac Books, 2007 Order online at: <www.potomacbooksinc.com>

Use code ND0608 for a 25 percent discount (expires June 30, 2008)