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**Cruise Missile Penaid Nonproliferation: New
Measures to Dissuade WMD Proliferation and
Reinforce Deterrence**

Center on Contemporary Conflict

Monterey, California. Naval Postgraduate School

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The Project on Advanced Systems and Concepts for Countering WMD (PASCC) is run at the Center on Contemporary Studies (CCC) and sponsored by the Defense Threat Reduction Agency. PASCC awards and supports strategic studies and dialogues that anticipate and try to reduce the threat of WMD capabilities.



The CCC has a respected track record for providing research and timely analysis on a variety of topics to leading decision makers in the U.S. national security community. Located in the Naval Postgraduate School, the CCC is the research wing of the Department of National Security Affairs.

Research in Progress describes ongoing PASCC research. For more information, please contact pascc@nps.edu.

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Cruise Missile Penaid Nonproliferation: New Measures to Dissuade WMD Proliferation and Reinforce Deterrence

Performer: RAND

Principal Investigators: K. Scott McMahon & Richard Speier

Cost: \$150,000

Fiscal Year(s): 2013-2014

Objective:

While the United States has invested resources to develop missile defenses, complementary nonproliferation measures to hinder the spread of complex cruise missile penetration technology are lacking. New measures are necessary to restrict the proliferation of penetrations aids (penaids) to ensure that cruise missiles remain viable delivery systems and discourage WMD proliferation.

To control the threat, the project will define and prioritize which penaid technologies and equipment, if proliferated, would constitute the emerging threat to American cruise missiles. RAND will identify penaids, penaid dispersal systems, penaid test systems, as well as their key technologies. The research builds on previous RAND-sponsored work on new measures to restrict the spread of penaids in ballistic missiles.

Approach:

RAND will conduct a literature review and structured interviews to inform project findings. The briefings and final report will advise U.S. policymakers which penaid technologies are of greatest concern and inform potential policies to restrict and identify coverage possibilities in the Missile Technology Control Regime (MTCR).