This report, one of a series of RAND publications that address Agile Combat Support (ACS) issues in implementing the Expeditionary Aerospace Force (EAF), summarizes RAND work to date on designing and evaluating the future ACS and mobility system that is needed to meet EAF operational objectives. Design decisions involve tradeoffs among system characteristics such as those between employment timelines and costs.

Other publications in the series address planning, practices, policies, and technologies that can enhance EAF effectiveness (see Tripp et al., Supporting Expeditionary Aerospace Forces: An Integrated Strategic Agile Combat Support Planning Framework, MR-1056-AF, 1999), support of emerging U.S. Air Force employment strategies (see Galway et al., Supporting Expeditionary Aerospace Forces: New Agile Combat Support Postures, MR-1075-AF, 2000), and the need for a strategy to deploy and employ forces in the face of uncertainty regarding overseas operating locations (see Killingsworth et al., Flexbasing: Achieving Global Presence for Expeditionary Aerospace Forces, MR-1113-AF, 2000).

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PROJECT AIR FORCE

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