

## **Capability planning and analysis to optimize Air force intelligence, surveillance, and reconnaissance investments**

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Note sur le contenu : Intelligence surveillance and reconnaissance challenges facing the Air Force The current state of the Air Force intelligence, surveillance, and reconnaissance investment planning process Examples of processes employed by government and industry for providing capability planning Toward an enhanced Air Force intelligence, surveillance, and reconnaissance capability planning and analysis process

Résumé ou extrait : "Intelligence, surveillance, and reconnaissance (ISR) capabilities have expanded situation awareness for U.S. forces, provided for more precise combat effects, and enabled better decision making both during conflicts and in peacetime, and reliance on ISR capabilities is expected to increase in the future. ISR capabilities are critical to 3 of the 12 Service Core Functions of the U.S. Air Force : namely, Global Integrated ISR (GIISR) and the ISR components of Cyberspace Superiority and Space Superiority, and contribute to all others. In response to a request from the Air Force for ISR and the Deputy Assistant Secretary of the Air Force for Science, Technology, and Engineering, the National Research Council formed the Committee on Examination of the Air Force Intelligence, Surveillance, and

Reconnaissance (ISR) Capability Planning and Analysis (CP&A) Process. In this report, the committee reviews the current approach to the Air Force corporate planning and programming process for ISR capability generation ; examines various analytical methods, processes, and models for large-scale, complex domains like ISR ; and identifies the best practices for the Air Force. In Capability Planning and Analysis to Optimize Air Force Intelligence, Surveillance, and Reconnaissance Investments, the current approach is analyzed and the best practices for the Air Force corporate planning and programming processed for ISR are recommended. This report also recommends improvements and changes to existing analytical tools, methods, roles and responsibilities, and organization and management that would be required to ensure the Air Force corporate planning and programming process for ISR is successful in addressing all Joint, National, and Coalition partner's needs." [site de l'éditeur]

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