

**2 APRIL 2004**



**Intelligence**

**INTELLIGENCE, SURVEILLANCE, AND  
RECONNAISSANCE (ISR) PLANNING,  
RESOURCES, AND OPERATIONS**

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Supersedes AFD 14-1, 1 June 1999, and  
AFPD 10-22, 1 December 1998

Pages: 4  
Distribution: F

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This Policy Directive provides guidance for ISR planning and operations. It implements DoD Directive 5100.1, Functions of the Department of Defense and Its Major Components

**SUMMARY OF REVISIONS**

This document is substantially revised and must be completely reviewed. This publication updates information to reflect the realignment of Air Force information operations and command and control forces. Accordingly, it removes references to Air Intelligence Agency as a Field Operating Agency of HQ USAF/XOI, since it has been realigned as a Primary Subordinate Unit to Air Combat Command. It also assigns responsibilities to HQ USAF/XI concerning Command, Control, Communications, Computers and Intelligence, Surveillance, and Reconnaissance (C4ISR) integration and innovation. References and terms that no longer apply to this AFD or appear herein have been deleted from the Glossary (**Attachment 1**). Definitions have been updated to reflect those listed in the most recent versions of their references (**Attachment 1**). Other changes are administrative in nature.

**1.** Intelligence is essential to maintaining aerospace power. Accordingly, the Air Force will provide premier intelligence products and services to its aerospace customers (warfighters, policy makers, acquisition managers, etc.). The focus will be on maintaining a seamless flow of accurate, timely intelligence to decision-makers at all levels. To this end, the Air Force will:

1.1. Achieve horizontal integration of manned, unmanned, and space-based ISR systems to produce executable decision-quality knowledge in near real-time.

1.2. Establish Predictive Battlespace Awareness (i.e., target development, course of action assessment, ISR battle management) as the core skill set for Air Force ISR personnel.

1.3. Sustain readiness by developing and maintaining a force structure with the proper rank and specialty allocations of military and civilian personnel, training and educating mission-ready professionals, regularly exercising wartime system capabilities, and equipping and maintaining an infrastructure capable of supporting high operations tempo levels.

- 1.4. Integrate information operations (IO) concepts and objectives into intelligence planning and resource allocation activities.
  - 1.5. Maximize use of national and joint intelligence production resources through cooperation and collaboration, while also thoroughly engaging in the design and establishment of a Department of Defense-wide virtual production capability.
  - 1.6. Provide specialized products and services to Air Force and other operational forces, complementing services provided by the rest of the Intelligence Community (IC).
  - 1.7. Invest in technology, focusing on applications that will upgrade exploitation and analysis for decision-maker needs. Maximize capabilities to seamlessly interoperate with Air Force customers as well as other services and agencies.
  - 1.8. Embed intelligence into Air Force acquisition programs to ensure early and sustained support throughout the life of a program.
  - 1.9. Foster strong relationships with allied partners to maximize the exchange of intelligence information in support of mutual interests.
  - 1.10. Respect the rights of US citizens, carefully heeding the rules and procedures in intelligence oversight-associated laws and directives.
2. This directive establishes the following responsibilities and authorities:
    - 2.1. The Director of Intelligence, Surveillance, and Reconnaissance, Deputy Chief of Staff for Air and Space Operations (HQ USAF/XOI), oversees implementation of Air Force strategy, policy, and guidance governing ISR operations. HQ USAF/XOI is the Air Force's Senior Official of the Intelligence Community in accordance with E.O. 12333 and Director of Central Intelligence Directives. In this capacity, XOI serves as the senior Air Force official on the Military Intelligence Board and represents the AF within the national intelligence community. XOI also oversees the programming and execution of resources for Air Force activities funded by the National Foreign Intelligence Program (NFIP), the Tactical Intelligence and Related Activities (TIARA), and Joint Military Intelligence Program (JMIP) aggregations.
    - 2.2. The Deputy Chief of Staff, Warfighting Integration (HQ USAF/XI) is responsible for aggregating Command, Control, Communications, Computers and Intelligence, Surveillance, and Reconnaissance (C4ISR) information and producing detailed communications and information systems architectures. HQ USAF/XI also represents the Air Force on C4ISR integration matters with other services, agencies, Joint Staff, OSD, and other outside organizations.
  3. This policy directive applies to all military and civilian Air Force personnel, to include AF Reserve and Air National Guard.
  4. See [Attachment 1](#) for references and supporting information.

JAMES G. ROCHE  
Secretary of the Air Force

**Attachment 1****GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

Executive Order No. 12333, *United States Intelligence Activities*  
DoD Directive 5100.1, *Functions of the Department of Defense and Its Major Components*  
DoD Directive-S3600.1, *Information Warfare*  
Joint Pub 1-02, *The Department of Defense Dictionary of Military and Associated Terms*  
Joint Pub 2-0, *Joint Doctrine for Intelligence Support to Operations*  
*Joint Vision 2020*  
Joint Military Intelligence Training Center, *An Intelligence Resource Manager's Guide*  
AFDD 2.5.2, *Intelligence, Surveillance, and Reconnaissance Operations*  
AFPD 14-3, *Control, Protection, and Dissemination of Intelligence Information*  
AFPD 90-1, *Policy Formulation*  
Air Combat Command Mission Directive 206, Volume 1, *Air Intelligence Agency*

***Abbreviations and Acronyms***

**ACC**—Air Combat Command  
**AF**—Air Force  
**AIA**—Air Intelligence Agency  
**FOA**—Field Operating Agency  
**IC**—Intelligence Community  
**IO**—Information Operations  
**ISR**—Intelligence, Surveillance, and Reconnaissance  
**JMIP**—Joint Military Intelligence Program  
**NFIP**—National Foreign Intelligence Program  
**OSD**—Office of the Secretary of Defense  
**PBA**—Predictive Battlespace Awareness  
**PSU**—Primary Subordinate Unit  
**TIARA**—Tactical Intelligence and Related Activities  
**XI**—Deputy Chief of Staff, Warfighting Integration  
**XOI**—Director of Intelligence, Surveillance, and Reconnaissance, Deputy Chief of Staff, Air and Space Operations

### *Terms*

**Information Operations (IO)**—Actions taken to affect adversary information and information systems while defending one's own information and information systems. (JP 1-02). The Air Force believes that in practice a more useful working definition is: *Those actions taken to gain, exploit, defend or attack information or information systems and include both information-in-warfare and information warfare.* {Italicized definition applies only to the Air Force and is offered for clarity.} (Ref: AFDD 2-5)

**Intelligence**—The product resulting from the collection, processing, integration, analysis, evaluation, and interpretation of available information concerning foreign countries or areas. Ref: Joint Pub 1-02.

**Intelligence, Surveillance, and Reconnaissance (ISR)**—The capability to collect, process, exploit and disseminate accurate and timely information that provides the battlespace awareness necessary to successfully plan and conduct operations.

**National Foreign Intelligence Program (NFIP)**—The consolidation of funding programs that provide the resources needed to develop and maintain capabilities to serve the intelligence needs of national policy makers. The NFIP funds the national level intelligence activities of national civilian and defense intelligence agencies, the Director of Central Intelligence staff elements, military intelligence, cryptologic, foreign counter-intelligence, and reconnaissance activities, and intelligence programs of other federal departments.

**Surveillance**—The systematic observation of aerospace, surface or subsurface areas, places, persons, or things, by visual, aural, electronic, photographic, or other means. Ref: Joint Pub 2-0.

**Reconnaissance**—A mission undertaken to obtain, by visual observation or other detection methods, information about the activities and resources of an adversary or potential adversary, or to secure data concerning the meteorological, hydrographic, or geographic characteristics of a particular area. Ref: Joint Pub 2-0.

**Virtual Production**—The coordinated production of intelligence by multiple, physically separated organizations collaborating electronically in a fluid environment. (Ref: Program Manager's Guidance Memorandum)