

**BY ORDER OF THE  
SECRETARY OF THE AIR FORCE**

**AIR FORCE INSTRUCTION 14-135**

**22 MAY 2014**



***Intelligence***

***INTELLIGENCE, SURVEILLANCE, AND  
RECONNAISSANCE (ISR) ENTERPRISE  
IMAGE QUALITY VERIFICATION  
PROGRAM (EIQVP)***

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

**ACCESSIBILITY:** Publications and forms are available on the e-Publishing website at [www.e-Publishing.af.mil](http://www.e-Publishing.af.mil) for downloading and ordering.

**RELEASABILITY:** There are no releasability restrictions on this publication.

---

OPR: AF/A2CJ

Certified by: AF/A2C  
(Maj Gen Morris E. Haase)

Pages: 13

---

This publication implements Air Force Policy Directive (AFPD) 14-1, *Intelligence, Surveillance, and Reconnaissance Planning Resources and Operations* and is consistent with DoDD 5105.60, *National Geospatial-Intelligence Agency (NGA)* and DoDI 3115.15, *Geospatial Intelligence (GEOINT)*. The purpose of this publication is to establish procedures for sustaining ISR imaging sensors and associated data processing, data transmission, and display systems throughout their programmed life cycle, and optimizing image quality (IQ) through the entire image chain. This publication applies to Active Duty (AD), Air Force Reserve (AFR), Air National Guard (ANG), and Department of the Air Force (AF) Civilians. Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Disposition Schedule (RDS) located in the Air Force Records Information Management System (AFRIMS). Submit change recommendations using an AF Form 847, *Recommendation for Change of Publication* to the Office of Primary Responsibility (OPR). Units may request waivers for tiered compliance items IAW AFI 33-360, *Publications and Forms Management*. AF/A2C is the waiver authority for non-compliance items; these requests must be submitted through the chain of command to the publication OPR.

**1. OVERVIEW**

**1.1. The Intelligence, Surveillance, and Reconnaissance (ISR) Enterprise Image Quality Verification Program (EIQVP).** The ISR EIQVP provides the framework to establish and incorporate, as applicable, technical standards based on current industry "best practices" imaging and video benchmark quality standards for an end-to-end Image Quality (IQ) program, applicable to imaging sensors and their associated data processing, data transmission, and display systems throughout their programmed life cycle, and optimize IQ through the entire image chain. ISR EIQVP is a comprehensive program established to ensure consistent IQ is delivered from sensor to the imagery analyst.

**1.2. ISR EIQVP Applicability.** This publication applies to traditional airborne ISR platforms; this includes, but is not limited to imaging sensors on: U-2, RQ-4, MQ-1, MQ-9, and MC-12. This publication does not apply to imaging capability (e.g. SAR) on Battle Management Command and Control (BMC2) e.g. E-8C; fighters, bombers or non-traditional ISR (NTISR) assets. ISR EIQVP covers sensor output from electro-optical (EO), infrared (IR), synthetic aperture radar (SAR) and film-based sensors; full-motion video (FMV) and wide-area motion imagery (WAMI); Advanced Geospatial Imagery collection (e.g., multi- and hyperspectral, thermal infrared imaging and advanced SAR processing); and transport and processing, exploitation, and dissemination (PED). The ISR EIQVP applies to the identified systems from fielding through sunset including those designated as Quick Reaction Capabilities (QRCs).

**1.3. Image Quality (IQ) Components.** The process used to ensure consistently high IQ from sensor to analyst is referred to as Image Chain Analysis (ICA). ICA includes the subcategories of Sensor and Downlink/Relay Assessment, and Transport and PED Assessment.

1.3.1. ICA is the continuous and systematic assessment and evaluation of IQ throughout the entire image chain. This includes establishing baseline system performance parameters (metrics), continuously monitoring performance as part of test, evaluation, and fielding processes, and evaluation of IQ at each node in the image chain (utility measures). ICA is a process that can be used for sensor design, validation, and confirmation during operations. Balanced metrics are required for all elements in the chain and should be considered/refined during development and upgrades. The image chain can be separated into a sensor and downlink/relay segment and a transport and PED segment.

1.3.2. Sensor and Downlink/Relay Assessment is the regular calibration and checkout procedures designed to ensure that IQ is optimized from the sensor through the downlink to the last node within the relay chain. This includes component performance parameters; sensor maintenance; original equipment manufacturer standards; calibration requirements; establishing baseline standards, to include the adoption of DoD, NATO, and industry best practices for image data transport nodes, including encoding, compression, and data encryption sub systems; and IQ reporting metrics and procedures.

1.3.3. Transport and PED Assessment is the regular calibration and checkout procedures designed to ensure that the highest IQ, with the least amount of image data degradation is transported, processed, exploited, and disseminated. This includes establishing baseline standards, to include the adoption of DoD, NATO, and industry best practices for image data transport nodes, including encoding, compression, and data encryption sub systems;

workstation setup; initial and routine calibration; PED network hardware and software configuration and calibration; the exploitation environment; analyst products; and reporting metrics and procedures.

## 2. DETAILED ROLES AND RESPONSIBILITIES

**2.1. Deputy Chief of Staff, Intelligence, Surveillance, and Reconnaissance (AF/A2).** AF/A2 is the ISR EIQVP Functional Manager and ensures AF-validated IQ requirements are pursued through policy and funding.

**2.2. Director of Intelligence, Surveillance, and Reconnaissance Capabilities (AF/A2C).** AF/A2C, will:

2.2.1. Provide functional and subject-matter expertise for programming, budgeting, and execution matters.

2.2.2. Review and address IQ issues that have a broad systematic impact to ISR programs and operations.

2.2.3. Develop and establish policy for IQ and chain performance to ensure compliance with DoD IQ standards across all ISR imagery collection platforms, sensors and systems.

2.2.4. Interface with NGA, the Combatant Commands, Under Secretary of Defense for Intelligence [USD(I)], and the other services on all ISR EIQVP matters of policy.

2.2.5. Interface with allies on ICA, IQ standards, evaluation and assessment for sensor to analyst processes.

2.2.6. Develop and publish, in Management Internal Control Toolset (MICT), a self-assessment checklist (SAC) with the unit-level compliance requirements; coordinate on major command (MAJCOM) supplements; monitor and assess MICT data from units to maintain situational awareness of potential problem areas, IAW AFI 90-201, *The Air Force Inspection System*.

**2.3. Air Force Materiel Command (AFMC).** AFMC is the lead MAJCOM for ensuring IQ requirements are incorporated into ISR imaging systems and select transport and processing systems during design, development and fielding across the life cycle, as assigned. The AF Life Cycle Management Center (AFLCMC) is AFMC's focal point for the analysis of weapon system performance; Tactics, Techniques, and Procedures; Concepts of Employment; threat environments; and existing and planned IQ technology. AFMC will:

2.3.1. Serve as the lead MAJCOM for all ISR EIQVP life cycle management issues and provide support for all AF customers who need assistance within the IQ discipline.

2.3.2. Develop and maintain ISR EIQVP governance processes and charter. The ISR EIQVP governance consists of an ISR EIQVP Governance Board, Executive Steering Committee (ESC), and standing and ad hoc working groups. Standing working groups will include the ICA WG, Sensor and Downlink/Relay WG, Transport and Processing/Exploitation WG and others, as required and established by the ESC.

2.3.3. Ensure comprehensive analysis and documentation of IQ functional requirements and provisions of IQ support are evaluated and incorporated for research, development, modification, test, and sustainment activities under AFMC management.

- 2.3.4. Maintain IQ functional requirements and shortfalls for all AF research, development, test, and sustainment programs and projects.
- 2.3.5. Chair the ICA WG. Members of this WG are drawn from the development and operations communities. The ICA WG will focus on optimization of IQ throughout the entire ISR imaging chain. Specific responsibilities are detailed in the group's charter.
- 2.3.6. Program resources for sustaining IQ monitoring and ICA programs for the life cycle of sensors, carrying platforms, and accompanying platform exploitation ground stations.
- 2.3.7. Address ICA provisions during appropriate design reviews for systems under development and/or undergoing modification and upgrade. This includes manual and/or automated systems for monitoring end-to-end IQ and conducting ICA in all new and existing sensor and ground-station acquisition programs.
- 2.3.8. Utilize mission requirements to derive associated IQ specifications and system requirements along with defining IQ degradation thresholds across the entire ISR enterprise.
- 2.3.9. Develop and establish metrics and tools for measuring IQ performance against established IQ specification for both acquisition and sustainment activities to include IQ monitoring efforts within the Sensor and Downlink/Relay and Transport and PED architectures.
- 2.3.10. Develop and maintain image chain models to conduct IQ performance simulations to baseline and evaluate ISR enterprise upgrades. Utilize simulations to evaluate design and build performance of proposed enterprise modifications against IQ error budgets.
- 2.3.11. Monitor IQ performance of existing and future ISR imaging systems based on operational requirements and standards as specified by the Sensor and Downlink/Relay WG and the Transport and PED Assessment WG.
- 2.3.12. Incorporate special IQ requirements unique to imagery derived Measurement and Signals Intelligence (MASINT) processing and exploitation in system specifications. This includes the non-literal aspects of Hyperspectral, multi-spectral, SAR and other Advanced Geospatial Imagery (AGI) data.
- 2.3.13. Field imagery exploitation workstations and/or software and workstation upgrades, as applicable. Ensure imagery exploitation workstations in compliance with the most recent version of NGA's Standardization Document - *Display Performance Standard and NGA's Softcopy Image Processing Standard*.
- 2.3.14. Test to determine a system's IQ variables; create quantifiable, objective, and relevant IQ metrics and analysis procedures. This applies to sensor and ground-based exploitation systems being developed and fielded systems undergoing refurbishment, overhaul, modification, and repair.
- 2.3.15. Perform continuous ICA using digital and film imagery samples. Submit quarterly reports of findings to the ISR EIQVP ESC. These reports include recommended corrective action(s) and an estimate of required resources. Assess and

document impact to the ISR imaging chain for prospective modifications and/or upgrades to fielded sensor systems and ground-station programs.

2.3.16. Develop and document procedures and equipment settings, and provide user training to ensure IQ is optimized throughout the image chain.

2.3.17. Develop problem reporting procedures for nodes within the image chain.

2.3.18. Provide MAJCOM users with:

2.3.19.1. Training in sensor phenomenology and exploitation as they relate to IQ and the satisfaction of Essential Elements of Information (EIs).

2.3.19.2. Program office point of contact for image quality matters.

2.3.20. Develop and recommend strategies to operational units for tasking sensors to optimize IQ and maximize the rate of EEI satisfaction.

**2.4. Air Combat Command (ACC).** ACC serves as the lead for Sensor and Downlink/Relay Assessment. ACC will:

2.4.1. Utilize ISR EIQVP products and standards to ensure that Combat Air Forces (CAF) operational requirements are appropriately addressed and implemented in CAF initiatives and programs.

2.4.2. Utilize ISR EIQVP standards in requirements definition processes supporting applicable CAF initiatives and modernization programs.

2.4.3. Establish standards for regular calibration and checkout procedures for fielded sensors and nodes within the downlink/relay chain, pre-mission checklists, and other scheduled ICA procedures for incorporation into the appropriate technical orders and/or 11 series MDS.

2.4.4. Develop and implement a Service Level Agreements (SLA) with any DoD organization or third party involved in the sensor and downlink relay segment of the image chain that includes, at a minimum, performance parameters and operations and maintenance specifications.

2.4.5. Ensure Air Force Joint Capabilities Integration and Development System (JCIDS) documents reflect potential IQ requirements.

2.4.6. Identify IQ attributes as Key System Attributes (KSA)s in new systems Capability Development Documents (CDD)s and other requirements documents. Mission requirements need to drive definition of IQ requirements (i.e., Ground Sample Distance, Minimum Resolvable Contrast, Minimum Resolvable Temperature) and technical specifications that are generated at the beginning of the requirements definition and documentation process.

2.4.7. Develop and maintain a Sensor and Downlink/Relay Certification and Evaluation Program based on established and validated industry standard IQ technical benchmark to be administered at the Wing level.

2.4.8. Prepare a quarterly assessment of the status of ISR imaging sensors and the downlink/relay chain within the ACC controlled architecture for the ISR EIQVP Executive Steering Committee (ESC).

2.4.9. Develop and maintain compliance assessment standards to evaluate performance to be administered at the wing level.

2.4.10. Participate in ISR EIQVP WGs and other forums, as required.

2.4.11. Monitor and assess MICT data from units to maintain situational awareness of potential problem areas, IAW AFI 90-201.

**2.5. Air Force Intelligence, Surveillance, and Reconnaissance Agency (AF ISR Agency).** AF ISR Agency will:

2.5.1. Serve as the lead agency for ensuring ISR EIQVP efforts are properly integrated and tailored to fit within the Air Force ISR Enterprise (e.g. AF DCGS and NASIC) to ensure maximum mission effectiveness. (T-1)

2.5.2. Serve as the lead for Transport and PED Assessment. (T-1)

2.5.3. Chair the Transport and PED Assessment WG. This WG oversees the development of standards for IQ optimization of Transport and PED systems in conjunction with ICA standards. (T-1)

2.5.4. Establish and conduct calibration and checkout procedures designed to ensure the highest IQ with the least amount of degradation in the transport chain and PED sites, to include pre-mission checklists, transport equipment calibration, and workstation checkout. This includes establishing baseline standards for workstation setup, initial and routine calibration; hardware and software configuration and calibration; exploitation environment; and reporting metrics and procedures. (T-1)

2.5.5. Develop and implement a Service Level Agreements (SLA) with any DoD organization or third party involved in the transport and PED segment of the image chain that includes, at a minimum, performance parameters and operations and maintenance specifications. (T-1)

2.5.6. Ensure Air Force Joint Capabilities Integration and Development System (JCIDS) documents reflect potential IQ requirements. (T-1)

2.5.7. Identify IQ attributes as Key System Attributes (KSA)s in new systems Capability Development Documents (CDD)s and other requirements documents. Mission requirements need to drive definition of IQ requirements (i.e., Ground Sample Distance, Minimum Resolvable Contrast, Minimum Resolvable Temperature) and technical specifications that are generated at the beginning of the requirements definition and documentation process. (T-1)

2.5.8. Develop and maintain a Transport and PED Certification and Evaluation Program, based on established and validated industry standard IQ technical benchmarks, to be administered at the Wing level. (T-1)

2.5.9. Prepare a quarterly assessment of the status of the Transport and PED chain within the Air Force ISR Enterprise architecture for the ISR EIQVP ESC. (T-2)

2.5.10. Develop and maintain compliance assessment standards to evaluate performance to be administered at the wing level. (T-1)

2.5.11. Participate in ISR EIQVP WGs and other forums, as required. (T-3)

2.5.12. Monitor and assess MICT data from units to maintain situational awareness of potential problem areas, IAW AFI 90-201. (T-2)

**2.6. Air Force Special Operations Command (AFSOC).** AFSOC ensures that ISR EIQVP products and standards will allow AFSOC to meet operational requirements and that ISR EIQVP-approved processes for IQ and ICA are incorporated into AFSOC programs. AFSOC will:

2.6.1. Participate in the Sensor and Downlink/Relay Assessment WG.

2.6.2. Participate in the Transport and PED Assessment WG.

2.6.3. In coordination with ACC, develop sensor calibration and checkout procedures for fielded sensors, and pre-mission checklists, and implement other scheduled ICA procedures.

2.6.4. Provide quarterly status assessment of AFSOC ISR imaging sensors to ACC for incorporation into the ACC quarterly ISR imaging sensor and downlink/relay chain report.

2.6.5. Develop and maintain a Sensor Certification and Evaluation Program to be administered at the unit level.

2.6.6. Conduct compliance assessments to evaluate unit-level performance.

2.6.7. Participate in ISR EIQVP WGs and other forums, as required.

2.6.8. Monitor and assess MICT data from units to maintain situational awareness of potential problem areas, IAW AFI 90-201.

**2.7. Air Force Components of Combatant Commands (CCMD), MAJCOMs, Field Operating Agencies (FOAs), Direct Reporting Units (DRUs).** Commanders of these organizations will appoint an ISR EIQVP Point of Contact (POC). The ISR EIQVP POC shall be sufficiently trained, competent, highly motivated, and capable of developing a common understanding of the ISR EIQVP among key personnel to ensure mission success. Each organization will:

2.7.1. Identify a POC to AF/A2C and AFLCMC. POCs will receive emails for alerts or IQ-related tasking and coordinate responses from their organization. (T-3)

2.7.2. Actively coordinate with command operations, plans, training, logistics, requirements, inspection, and intelligence staffs. Coordination will ensure doctrine, strategy, tactics, logistics, and Research, Development, Test, and Evaluation (RDT&E) efforts adequately address IQ functional requirements. (T-2)

2.7.3. Assist in identifying and fielding new procedures and techniques to facilitate AF-generated changes that pertain to IQ. (T-2)

2.7.4. Ensure data/product reviews are accomplished and provide responses to all AFMC IQ product reviews. (T-2)

2.7.5. Participate in IQ conferences, the ISR EIQVP Community of Interest, working groups, and other forums to address matters of mutual concern. (T-2)

2.7.6. Perform periodic and scheduled image chain equipment calibration and maintenance inspections. (T-2)

2.7.7. Implement scheduled ICA procedures to identify problems associated with image processes. (T-2)

2.7.8. Identify and document imagery system operational issues/deficiencies. (T-2)

2.7.9. Assess IQ mission impact and include the assessment in post-mission report summaries. Provide all findings to MAJCOM-level ISR EIQVP POCs. (T-2)

2.7.10. Provide ISR EIQVP support to ARC organizations, as required, IAW AFI 10-301, *Responsibilities of Air Reserve Component (ARC) Forces*. (T-2)

**2.8. Air National Guard Bureau (ANGB).** As applicable, the ANG ensures that ISR EIQVP products and standards are consistent with the CAF and AFISRA operational requirements and appropriately integrated into ANG initiatives and programs. The ANG will:

2.8.1. In coordination with ACC, conduct regular calibration and checkout procedures for fielded sensors and nodes within the downlink/relay chain, pre-mission checklists, and other scheduled ICA procedures.

2.8.2. Implement the ACC-developed Sensor and Downlink/Relay Certification and Evaluation Program at the unit level and conduct compliance assessments to evaluate performance.

2.8.3. Coordinate with ACC on ANG inputs to the quarterly assessment of the status of ISR imaging sensors and the downlink/relay chain within the ACC/ANG-controlled architecture for the ISR EIQVP Executive Steering Committee (ESC).

2.8.4. In coordination with AFISRA, conduct calibration and checkout procedures designed to ensure the highest IQ with the least amount of degradation in the transport chain and PED sites, to include pre-mission checklists, transport equipment calibration, and workstation checkout. This includes establishing baseline standards for workstation setup, initial and routine calibration; hardware and software configuration and calibration; exploitation environment; and reporting metrics and procedures.

2.8.5. Implement the AFISRA-developed transport and PED Certification and Evaluation Program at the unit level and conduct compliance assessments to evaluate performance.

2.8.6. Coordinate with AFISRA on ANG inputs to the quarterly assessment of the status of the Transport and PED chain within the AFISRA/ANG controlled architecture for the ISR EIQVP ESC.

2.8.7. Participate in ISR EIQVP WGs and other forums, as required.

2.8.8. Monitor and assess MICT data from units to maintain situational awareness of potential problem areas, IAW AFI 90-201.

**3. Mandated Compliance.** Paragraphs that contain (wing or equivalent, and below, DRU, FOA) compliance items are identified by the presence of a tier marking following the applicable sentence or paragraph (i.e., T-2). IAW AFI 33-360, the approving waiver authority is

determined by the tier level. Commanders/civilian directors of the affected units may request or document waivers by following the process and limitations IAW AFI 33-360 and AFI 90-201.

ROBERT P. OTTO, Lt Gen, USAF  
Deputy Chief of Staff, Intelligence,  
Surveillance, and Reconnaissance

## Attachment 1

### GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

#### *References*

AFPD 14-1, *Intelligence, Surveillance, and Reconnaissance (ISR) Planning, Resources, and Operations*, 2 April 2004

AFI 10-301, *Responsibilities of Air Reserve Component (ARC) Forces*, 16 August 2006

AFI 33-360, *Publication and Forms Management*, 25 September 2013

AFI 90-201, *The Air Force Inspection System*, 2 August 2013

AFMAN 33-363, *Management of Records*, 1 March 2008

DoDD 5105.60, National Geospatial-Intelligence Agency (NGA), July 29, 2009

DoDI 3115.15, *Geospatial Intelligence (GEOINT)*, December 6, 2011

NGA Standardization Document, *Display Performance Standard*, Version 3.1, 13 July 2010

NGA Standardization Document, *Softcopy Image Processing Standard*, Version 2.2S, 3 March 2010

#### *Adopted Forms*

AF Form 847, *Recommendation for Change of Publication*, 22 September 2009

#### *Abbreviations and Acronyms*

**ACC**—Air Combat Command

**AD**—Active Duty

**AF**—Air Force

**AF/A2**—Deputy Chief of Staff, Intelligence, Surveillance, and Reconnaissance

**AF/A2C**—Director of Intelligence, Surveillance, and Reconnaissance Capabilities

**AFLCMC**—Air Force Life Cycle Management Center

**AFI**—Air Force Instruction

**AF ISR Agency**—Air Force Intelligence, Surveillance, and Reconnaissance Agency

**AFMAN**—Air Force Manual

**AFMC**—Air Force Materiel Command

**AFPD**—Air Force Policy Directive

**AFR**—Air Force Reserve

**AFSOC**—Air Force Special Operations Command

**ANG**—Air National Guard

**ANGB**—Air National Guard Bureau

**ARC**—Air Reserve Components  
**BCM2**—Battle Management Command and Control  
**CAF**—Combat Air Forces  
**CDD**—Capability Development Documents  
**CCMD**—Combatant Command  
**DAF**—Department of the Air Force  
**DCGS**—Distributed Common Ground System  
**DoDD**—Department of Defense Directive  
**DRU**—Direct Reporting Units  
**EI**—Essential Elements of Information  
**EIQVP**—Enterprise Imagery Quality Verification Program  
**EO**—Electro-optical  
**ESC**—Executive Steering Committee  
**FMV**—Full-motion video  
**FOA**—Field Operating Agency  
**GEOINT**—Geospatial Intelligence  
**IAW**—In Accordance With  
**ICA**—Image Chain Analysis  
**IR**—Infrared  
**IQ**—Image Quality  
**ISR**—Intelligence, Surveillance, and Reconnaissance  
**JCIDS**—Joint Capabilities Integration and Development System  
**KSA**—Key System Attributes  
**MAJCOM**—Major Command  
**MASINT**—Measurement and Signature Intelligence  
**MICT**—Management Internal Control Toolset  
**NTISR**—non-traditional ISR  
**NGA**—National Geospatial Intelligence Agency  
**NSG**—National System for Geospatial Intelligence  
**OPR**—Office of Primary Responsibility  
**PED**—Processing, Exploitation, and Dissemination  
**POC**—Point of Contact

**QRC**—Quick Reaction Capabilities  
**RDT&E**—Research, Development, Test, and Evaluation  
**SAC**—Self-Assessment Checklist  
**SAR**—Synthetic Aperture Radar  
**T-1**—Tier 1  
**T-2**—Tier 2  
**T-3**—Tier 3  
**USAF**—United States Air Force  
**USD(I)**—Under Secretary of Defense for Intelligence  
**WAMI**—Wide-area motion imagery  
**WG**—Working Group

### *Terms*

**Combat Air Force (CAF)**—A collection of Air Force organizations, commands and forces that may be tasked to generate specific precise effects from the air, space and cyberspace. The eight key organizations that form the basis of the CAF are: Air Combat Command; Air Force Space Command; Pacific Air Forces; Air Force Special Operations Command; United States Air Forces Europe; Air National Guard; Air Force Reserve Command; and Air Force Cyber Command.

**Essential Elements of Information (EIs)**—Those items of information regarding the adversary and other relevant aspects of the operational environment that need to be collected and processed in order to meet the intelligence requirements of a commander. Aircrews should review established EIs and be prepared to observe any significant information while conducting their mission and report the observations during debrief.

**Image Chain Analysis (ICA)**—Continuous and systematic assessment and evaluation of IQ throughout the entire image chain. This includes establishing system baseline performance parameters, continuously monitoring performance as part of the test, evaluation, and fielding processes, and evaluation of IQ at each node in the image chain. This includes performance parameters for components such as sensors; data links, transport networks, encoders and decoders, display devices, routers and air- and ground-based image processing equipment.

**Office of Primary Responsibility (OPR)**—The originating office for a publication; the author of the publication is an individual within the OPR. OPRs are solely responsible for the accuracy, currency, and integrity of their publications and forms.

**Point of Contact (POC)**—The individual designated by the OPR to meet all OPR responsibilities. POC and OPR are often used interchangeably, but the organization of primary responsibility retains ultimate responsibility.

**Transport**—The transfer of video through its distribution architecture without a loss of integrity.

**Tier 1 (T-1)**—Non-compliance puts Airmen, commanders or the AF strongly at risk of mission or program failure, death, injury, legal jeopardy or unacceptable fraud, waste or abuse. T-1

waiver requests may be granted at the MAJCOM/CC level, but may not be delegated lower than MAJCOM Director, with the concurrence of the publication's approving official.

**Tier 2 (T-2)**—Non-compliance has the potential to create moderate risk of mission or program degradation or failure, injury, legal jeopardy or unacceptable fraud, waste or abuse. Waivers may be granted at the MAJCOM/CC level, but may not be delegated lower than MAJCOM Director.

**Tier 3 (T-3)**—Non-compliance has a relatively remote potential to create risk of mission or program degradation or failure, injury, legal jeopardy or unacceptable fraud, waste or abuse. Waivers may be granted at the Wing/DRU/FOA/CC level.