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Intelligence

***THREAT RECOGNITION TRAINING
MATERIALS PRODUCTION PROGRAM***

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This Air Force Instruction (AFI) implements Air Force Policy Directive (AFPD) 14-1, *Intelligence, Surveillance, and Reconnaissance (ISR) Planning, Resources, and Operations*, and complements AFI 14-105, *Unit Intelligence Missions and Responsibilities*. This instruction details requirements and responsibilities for the US Air Force Visual Threat Recognition Training Materials Production Program. Send all recommended changes for this publication to ACC/INXP Plans and Policy Branch, 209 Thornell Avenue, Langley AFB VA 23665-2092, with an information copy to HQ USAF/XOII, 1480 Air Force Pentagon, Washington DC 20330-1480. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 37-123, *Management of Records* and disposed of in accordance with the *Air Force Records Disposition Schedule (RDS)* located at <https://webrims.amc.af.mil>. See **Attachment 1** for references, abbreviations, acronyms and terms used.

SUMMARY OF REVISIONS

This revision accounts for the elimination of DIAM 57-25 and clarifies the responsibilities of involved agencies.

This document is substantially revised and must be completely reviewed.

Section A— Threat Recognition Training Materials Production

1. Objective. The Threat Recognition Training Materials Production Program establishes the baseline for a coherent unit-training program based on command and unit mission requirements. The program objective is to ensure all operations personnel (aircrew, intelligence, etc.) maintain the required level of visual threat recognition proficiency and materials to make effective tactical decisions and to prevent fratricide.

2. Concept. Threat recognition training develops operators' abilities to quickly identify friendly and adversary air, naval, ground, missile and electronic orders of battle. Visual threat recognition training, combined with threat knowledge training (as defined in AFI 14-105) will enable operators to:

- 2.1. Identify and understand the characteristics of friendly and adversary weapon systems.
- 2.2. Identify patterns of employment and provide equipment capabilities.
- 2.3. Identify deviations from known equipment characteristics in order to report these deviations through intelligence channels.

Section B— Assigned Responsibilities

3. Headquarters US Air Force, Directorate of Intelligence, Surveillance and Reconnaissance (HQ USAF/XOI). HQ USAF/XOIIA and HQ USAF/XOIIF will interact with other military services, national agencies and foreign military organizations on visual recognition training matters.

4. 480 IW, Air Combat Command. The 480 IW is the HQ USAF-designated Office of Primary Responsibility (OPR) for producing and distributing Air Force threat recognition training materials.

4.1. **Production.** 480 IW and directed subordinate units will:

4.1.1. Interact with Air Force Major Commands (MAJCOM), other services and national agencies to develop and produce new visual threat recognition training materials while improving and maintaining existing materials. 480 IW will be the primary focal point for units requesting threat recognition training products.

4.1.2. Establish an annual production plan for threat recognition training materials to include threat recognition materials scheduled for production, estimated completion dates and required materials and support.

4.1.3. Disseminate the threat recognition production plan to all MAJCOMs and HQ USAF/XOI by 1 July of each year for comments. 480 IW will deconflict any comments and submit the final version to USAF/XOII with courtesy copies to all MAJCOMs for distribution to the Numbered Air Forces and Active Duty, Reserve and Air National Guard units by 1 September annually.

4.1.4. Coordinate with AMC/A63 (Combat Camera Operations / Plans & Mission Support) to provide photos/videos of threat systems needed for production of visual threat recognition training materials.

4.1.5. Manage all production requirements for USAF threat recognition training materials production, to include ad hoc requirements, requests for information, comments, and actively solicit feedback on produced threat recognition training materials. Modify materials as needed to reflect operational unit feedback.

4.2. **Distribution.** 480 IW and directed subordinate units will:

4.2.1. Provide policy and guidance for distribution of threat recognition training materials.

4.2.2. Provide the capabilities to disseminate threat recognition materials in hard- and soft-copy formats. 480 IW will be the primary focal point for units requesting threat recognition training products.

4.2.3. Provide product catalog and product ordering capabilities online. 480 IW will be the primary focal point for units requesting threat recognition training products.

5. Combat Camera Operations / Plans and Mission Support (AMC/A63). AMC/A63 will:

5.1. Coordinate with 480 IW to provide all available video, including weapon system video, and digital images of equipment for threat recognition training products.

5.2. Coordinate with 480 IW to request and obtain specific threat system video or images.

6. Missile & Space Intelligence Center (MSIC). As the DOD intelligence producer of scientific and technical analyses on surface-to-air and short-range (less than 1000 km) ballistic missile systems, MSIC:

6.1. Distributes requested MSIC intelligence materials on the above-listed missile systems to the 480 IW for use in training materials production. These materials may include capability and performance assessments, photographs, videos, artistic and technical drawings.

6.2. Complements 480 IW products by utilizing a hypertext link-exchange allowing online resources containing scientific and technical assessments of friendly and threat systems to be utilized by customers.

7. National Air & Space Intelligence Center (NASIC). As the DOD intelligence producer of scientific and technical analyses on air and air defense systems, and medium/long-range (greater than 1000 km) ballistic missile systems, NASIC:

7.1. Distributes NASIC intelligence materials on the above-listed systems to the 480 IW for use in threat recognition training materials production. These materials may include capability and performance assessments, wire-frame models, photographs, videos, artistic and technical drawings.

7.2. Complements 480 IW products by utilizing a hypertext link-exchange allowing online resources containing scientific and technical assessments of friendly and threat systems to be utilized by customers.

8. National Ground Intelligence Center (NGIC). As the DOD intelligence producer of scientific and technical analyses of foreign ground force weapon systems, NGIC:

8.1. Produces intelligence materials on foreign ground force weapon systems and makes them available to the 480 IW for use in threat recognition training materials production. . These materials may include capability and performance assessments, photographs, videos, and artistic and technical drawings.

8.2. Complements 480 IW products by utilizing a hypertext link-exchange allowing online resources containing scientific and technical assessments of threat systems to be utilized by customers.

9. Office of Naval Intelligence (ONI). As the DOD intelligence producer of scientific and technical analyses of naval weapon systems, ONI:

9.1. Distributes ONI intelligence materials on naval weapon systems to the 480 IW for use in threat recognition training materials production. These materials may include capability and performance assessments, photographs, videos, and artistic and technical drawings.

9.2. Complements 480 IW products by utilizing a hypertext link-exchange allowing online resources containing scientific and technical assessments of friendly and threat systems to be utilized by customers.

10. Air Education and Training Command (AETC). AETC is the focal point for all formal intelligence training for the Air Force, AETC:

10.1. Includes instruction in the Intelligence Officer Course and the Intelligence Applications Apprentice Course on the principles of visual threat recognition training and the USAF Threat Recognition Training Materials Production Program.

10.2. Submits requirements to the 480 IW for additional training materials as required.

11. Other Agencies. MAJCOMs, field operating agencies (FOA), Office of the Air Reserve Component (ARC) to include the Director of the Air National Guard (ANG) and Air Force Reserves will:

11.1. Manage local threat recognition training programs in accordance with AFI 14-105, *Unit Intelligence Mission and Responsibilities*.

11.2. Send copies of command threat recognition training directives and locally developed products to 480 IW.

11.3. Submit consolidated requests for existing products to 480 IW using online order forms. Submit requests for new products through MAJCOM OPRs to 480 IW in accordance with AFI 14-201, *Intelligence Production and Applications*.

11.4. Submit updated distribution lists for subordinate units to 480 IW by 1 September of each year. Distribution lists must include: unit name, address, phone number, DIA account code and number of products required.

RONALD F. SAMS, Maj Gen, USAF
Director of Intelligence, Surveillance and Reconnaissance
DCS, Air and Space Operations

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

If you use this instruction, you are responsible for verifying the currency of the cited documents.

AFI 14-105, *Unit Intelligence Mission and Responsibilities*, 3 June 2002

AFI 14-201, *Intelligence Production and Applications*, 1 December 2002

AFI 33-117, *Multimedia (MM) Management*, 1 April 2004

AFMAN 37-123, *Management of Records*

Abbreviations and Acronyms

AETC— Air Education and Training Command

AMC/A63— Combat Camera Operations / Plans and Mission Support

ANG— Air National Guard

ARC— Air Reserve Component

DIA— Defense Intelligence Agency

FOA— field operating agency

HQ USAF/XOI— Headquarters, US Air Force, Directorate of Intelligence, Surveillance and Reconnaissance

IW— Intelligence Wing

MAJCOM— Major Command

MSIC— Missile & Space Intelligence Center

NASIC— National Air & Space Intelligence Center

NGIC— National Ground Intelligence Center

ONI— Office of Naval Intelligence

OPR— Office of Primary Responsibility

Terms

NOTE— This glossary clarifies only the terms used in this publication. It does not include associated terms. Joint Publication 1-02, *Department of Defense Dictionary of Military and Associated Terms*, and Air Force Doctrine Document (AFDD) 1-2, *Air Force Glossary*, contains standardized terms for Department of Defense and Air Force use.

Defense Intelligence Agency (DIA)— A government agency charged with the responsibility of being the Department of Defense' intelligence arm. The DIA's functional responsibilities are broad in scope and

nature.

Department of Defense Intelligence Production Program—The DOD intelligence production program establishes policies, procedures, responsibilities, priorities and relationships for the Defense Intelligence Production Community to fulfill its role of supporting warfighters, policy makers and defense acquisition/force development.

Intelligence Wing (IW)—An intelligence unit, usually composed of two or more groups.

Missile & Space Intelligence Center (MSIC)—A government agency located at Redstone Arsenal, AL, charged with producing scientific and technological intelligence on adversary surface-to-air missiles (SAMs), and ballistic missile systems with ranges less than 1000 km. This intelligence includes characteristics, capabilities and limitations of foreign military systems, including data about related weapons, weapon system material, research, development, test, evaluation and production.

National Air & Space Intelligence Center (NASIC)—A government agency located at Wright-Patterson AFB, OH, charged with producing scientific and technological intelligence on foreign aerospace weapon systems, including air and air defense weapons, and ballistic missiles with ranges greater than 1000 km. This intelligence includes characteristics, capabilities and limitations of foreign military systems, including data about related weapons, weapon system material, research, development, test, evaluation and production.

National Ground Intelligence Center (NGIC)—A government agency located in Charlottesville, VA, charged with producing scientific and technological intelligence on foreign ground systems. This intelligence includes characteristics, capabilities and limitations of foreign military systems, including data about related weapons, weapon system material, research, development, test, evaluation and production.

Office of Naval Intelligence (ONI)— A government agency located in Washington DC, charged with producing scientific and technological intelligence on foreign naval systems. This intelligence includes characteristics, capabilities and limitations of foreign military systems, including data about related weapons, weapon system material, research, development, test, evaluation and production.