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SECRETARY OF THE AIR FORCE**

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***Intelligence***

***E-8 UNIT INTELLIGENCE PROCEDURES***

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This publication implements Air Force Policy Directive (AFPD) 14-2, *Intelligence Rules and Procedures*, and is consistent with Air Force Instruction (AFI) 14-202, Volume 1, *Intelligence Training*, AFI 14-202, Volume 2, *Intelligence Standardization/Evaluation Program*, and AFI 14-202, Volume 3, *General Intelligence Rules*. This publication establishes the minimum Air Force standards for training personnel performing intelligence duties in E-8 units. This publication applies to Regular Air Force (RegAF), Reserve and Air National Guard (ANG) intelligence personnel supporting E-8 operations. The National Guard Bureau will be considered functionally as a major command (MAJCOM) for the purposes of this publication. Ensure that 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). This AFI may be supplemented, but all supplements must be coordinated with the Office of Primary Responsibility (OPR) prior to certification and approval. Refer recommended changes to the OPR using the AF Form 847, *Recommendation for Change of Publication*. Route AF Forms 847 through the appropriate functional chain of command. The authorities to waive wing/unit level requirements in this publication are identified with a tier ("T-0, T-1, T-2, T-3") number following the compliance statement. See AFI 33-360, *Publications and Forms Management*, for a description of the authorities associated with the tier numbers. Submit requests for waivers through the chain of command to the appropriate tier waiver approval authority, or alternately, to the publication OPR for non-tiered compliance items.

**SUMMARY OF CHANGES**

This interim change adds risk factors, known as “tiers” to tasks assigned to organizations below major command (MAJCOM) level to depict the assessed risk of non-compliance. A margin bar (|) indicates newly revised material.

|   |           |
|---|-----------|
| <b>Chapter 1—INTRODUCTION</b>                               | <b>4</b>  |
| 1.1. General. ....  | 4         |
| 1.2. Waivers. ....  | 4         |
| <b>Chapter 2—INTELLIGENCE OPERATIONS</b>                    | <b>5</b>  |
| 2.1. Introduction. ....                                     | 5         |
| 2.2. SIO Intelligence Responsibilities. ....                | 5         |
| 2.3. Written Guidance. ....                                 | 5         |
| 2.4. Intelligence Systems. ....                             | 6         |
| 2.5. Flying Squadron Intelligence Personnel. ....           | 6         |
| 2.6. Intelligence Duty Positions. ....                      | 6         |
| <b>Chapter 3—EXTERNAL INTELLIGENCE TRAINING</b>             | <b>8</b>  |
| 3.1. Introduction. ....                                     | 8         |
| 3.2. SIO Responsibilities. ....                             | 8         |
| 3.3. Aircrew Intelligence Training. ....                    | 8         |
| 3.4. Force Protection Intelligence Training. ....           | 10        |
| <b>Chapter 4—PLANS, MOBILITY AND DEPLOYMENT</b>             | <b>12</b> |
| 4.1. Plans. ....  | 12        |
| 4.2. Mission Materials. ....                                | 12        |
| 4.3. Exercise Planning. ....                                | 12        |
| 4.4. Mobility and Reception. ....                           | 12        |
| 4.5. Squadron Intelligence Personnel Responsibilities. .... | 12        |
| <b>Chapter 5—EMPLOYMENT AND SUSTAINMENT OPERATIONS</b>      | <b>13</b> |
| 5.1. SIO Responsibilities. ....                             | 13        |
| 5.2. Situation Displays. ....                               | 13        |
| 5.3. Mission Planning. ....                                 | 14        |
| 5.4. Mission Support. ....                                  | 15        |
| 5.5. Debriefing. ....                                       | 15        |
| 5.6. Reporting. ....  | 16        |

|   |           |
|---|-----------|
| 5.7. Intelligence Support to Personnel Recovery. ....                 | 16        |
| <b>Attachment 1—GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION</b> | <b>18</b> |
| <b>Attachment 2—AIRCREW INTELLIGENCE TRAINING REPORT</b>              | <b>21</b> |
| <b>Attachment 3—THREAT TRAINING STANDARDS</b>                         | <b>23</b> |
| <b>Attachment 4—FORCE PROTECTION INTELLIGENCE TRAINING STANDARDS</b>  | <b>26</b> |

## Chapter 1

### INTRODUCTION

#### 1.1. General.

1.1.1. Scope. This volume outlines the policy and guidance applicable to E-8, Joint Surveillance Target Attack Radar System (JSTARS) intelligence operations. With the complementary references cited, this volume prescribes the standard operational procedures to be used by all E-8 ground support intelligence personnel. Unit-level guidance may expand upon the basic procedures contained in this publication, but in no case will it be less restrictive.

1.1.2. References. The primary references for E-8 intelligence operations are AFI 14-2E-8, Volume 1, *E-8 Unit Intelligence Training*; AFI14-2E-8, Volume 2, *E-8 Unit Intelligence Evaluation Criteria*; Air Force Tactics, Techniques, and Procedures (AFTTP) 3-1.General Planning, *General Planning and Employment Considerations*; AFTTP 3-1.Threat Guide, *Threat Reference Guide and Countertactics Manual*; AFTTP 3-1.JSTARS, *Tactical Employment-E8C JSTARS*; and this publication.

**1.2. Waivers.** MAJCOM/A2 will courtesy-copy ACC/A2 regarding all subordinate unit waiver requests and responses. ACC/A2 will notify AF/A2DF of significant trends in waiver correspondence if such correspondence indicates the need to readdress existing policy and guidance.

## Chapter 2

### INTELLIGENCE OPERATIONS

**2.1. Introduction.** The senior intelligence officer (SIO) will provide commanders, their staffs, aircrews and other customers the best available intelligence information and materials to enhance readiness, facilitate planning and execute assigned missions. The SIO will verify all procedures are IAW AFI 14-202, Volume 3, and this publication. (T-2)

**2.2. SIO Intelligence Responsibilities.** The SIO is responsible for the planning and execution of E-8 intelligence functions during all phases of operations. The SIO will:

2.2.1. Lead, organize, train, and equip intelligence personnel and functions to support the unit mission. (T-2)

2.2.2. Establish a visitation program to intelligence work centers and solicit feedback from squadron intelligence and operations, where applicable. (T-3)

2.2.3. Monitor unit activities and intelligence personnel schedules to ensure required intelligence support for operations. (T-3)

2.2.4. Actively solicit feedback from wing/group and subordinate commanders to improve intelligence support processes. (T-3)

**2.3. Written Guidance.** The SIO will maintain written guidance (e.g., operating instructions, checklists) in order to standardize performance and provide continuity on peacetime and contingency operations, procedures and responsibilities. Coordinate procedures with other base-level agencies as appropriate and have them approved at the wing/group level when necessary. Review all written guidance annually and update when procedures change. Ensure all personnel are trained on and/or familiar with procedures and guidance. Provide current written guidance for the following as it applies to unit mission: (T-3)

2.3.1. General organization and responsibilities of the intelligence section.

2.3.2. Intelligence personnel training program.

2.3.3. Unit intelligence standardization/evaluation program.

2.3.4. Intelligence support to mission planning and mission planning procedures.

2.3.5. Self-assessment procedures.

2.3.6. Exercise development and conduct.

2.3.7. Security Procedures (e.g., classifying and marking, file transfers, emergency protection, destruction of classified).

2.3.8. Intelligence oversight program.

2.3.9. External intelligence training (EIT).

2.3.10. Aircrew and intelligence certification program support.

2.3.11. Force Protection Intelligence (FPI).

2.3.12. Situation displays.

- 2.3.13. Mobility preparation/procedures.
- 2.3.14. Briefing, debriefing and reporting.
- 2.3.15. Intelligence systems.
- 2.3.16. Foreign disclosure program.
- 2.3.17. Ordering and maintaining geospatial information & services (GI&S) products.
- 2.3.18. Intelligence reference files procedures.
- 2.3.19. Emergency action procedures.
- 2.3.20. Request for information (RFI) and production requirement procedures.
- 2.3.21. Mission material development and maintenance.

**2.4. Intelligence Systems.** Intelligence personnel must be trained and proficient on all available intelligence systems necessary to accomplish mission tasking. The SIO will:

- 2.4.1. Ensure the unit is equipped with all intelligence systems required to support operations. Be prepared to deploy all required systems during exercises and actual deployments. Develop an inventory to track systems in-garrison and while deployed. (T-2)
- 2.4.2. Coordinate and verify connectivity requirements for intelligence systems with the deployed base communications squadron or combat communications prior to deployment. (T-2)

**2.5. Flying Squadron Intelligence Personnel.** Intelligence personnel assigned to flying squadrons will:

- 2.5.1. Provide intelligence to the squadron during all phases of operations. This includes, but is not limited to threat analysis, threat training, mission planning, briefing support, debriefing, and reporting. (T-2)
- 2.5.2. Coordinate intelligence requirements and issues with the SIO. (T-2)
- 2.5.3. Maintain continuity books, checklists, or other written guidance for key functions. (T-3)
- 2.5.4. Maintain intelligence documents, reference materials and intelligence reading library in the operational flying squadron. (T-3)
- 2.5.5. Receive qualification training and undergo stan/eval requirements established by OSS/IN, if applicable. (T-2)
  - 2.5.5.1. Attend and participate in the intelligence personnel training program. (T-2)
  - 2.5.5.2. Conduct briefings/training as assigned by the intelligence personnel training program manager. (T-3)
- 2.5.6. Ensure EIT is conducted within their respective squadrons. (T-2)

**2.6. Intelligence Duty Positions.** The following position descriptions apply to intelligence personnel assigned or tasked to support JSTARS aircraft and mission.

- 2.6.1. Operations Intelligence. Operations Intelligence personnel perform duties at the squadron and group level. Operations Intelligence personnel support JSTARS by providing

intelligence information to aircrews, mission planning personnel, commander's staff and others, as required. They specialize in threat knowledge and countertactics/counter procedures to include integrated air defense system (IADS) analysis and employment in countries of interest, support to the Mission Planning Cell, and debriefing and reporting mission results.

2.6.2. Geospatial Intelligence (GEOINT) Analyst. GEOINT Analysts perform duties at either the squadron or group level. GEOINT Analysts will specialize in support to JSTARS by providing current imagery to aircrew, mission planning personnel, commander's staff and others as required. The GEOINT Analysts specialize in ground moving target indicator (GMTI) fusion analysis and production of in-depth historical look back products as they apply to the mission. They will provide support to multiple ground customers located in or out of the continental United States when required.

## Chapter 3

### EXTERNAL INTELLIGENCE TRAINING

**3.1. Introduction.** There are two types of EIT: Aircrew Intelligence Training (AIT) and Force Protection Intelligence Training (FPIT). AIT will be coordinated with the wing/group tactics flight or officer. FPIT will be coordinated with force protection (FP) organizations (e.g., Security Forces (SF), Air Force Office of Special Investigations (AFOSI)) as defined in AFI 14-119, *Intelligence Support to Force Protection*. (T-2)

3.1.1. AIT is EIT provided to the units' assigned and attached aircrew and operators. The assigned Intelligence Weapons Instructor Course or Intelligence Sensor and Weapons Instructors Course graduate will be directly responsible for the management of the AIT program. (T-3)

3.1.2. FPIT is EIT provided by the host unit intelligence function to the unit's SF and other FP support agencies (e.g., AFOSI, Civil Engineering). FPIT will be conducted IAW AFI 14-119 and supporting documents. When possible, a FP Intelligence Formal Training Unit graduate will be responsible for the management of the FPIT program. If the intelligence function is not part of the host unit, the tenant unit responsibilities in AFI 14-119 will be adhered to. (T-3)

3.1.3. Effective training methods will be used and can include, but are not limited to briefings, demonstration-performance, formal and informal lectures, and academic training sessions. (T-3)

3.1.4. Training resources can include, but are not limited to threat briefings, current intelligence briefings, theater orientation briefings, CDs/DVDs or web-based training materials, and weapons system videos. (T-3)

**3.2. SIO Responsibilities.** The SIO will:

3.2.1. Establish an EIT program tailored to the unit's mission, weapons systems, projected wartime/Air and Space Expeditionary Force tasking and base/deployment location(s). (T-2)

3.2.2. Appoint program managers to oversee program execution. (T-3)

3.2.3. Assign only qualified trainers to conduct unsupervised EIT. AFI 14-2E-8, Volumes 1 and 2 identify specialized training requirements and evaluation criteria for EIT trainers. (T-3)

3.2.4. Ensure written guidance outlines procedures for conducting, documenting, testing, evaluating, monitoring and reporting EIT. (T-3)

3.2.5. Coordinate EIT written instructions with all applicable commanders. Written guidance will be coordinated with any agency that assists intelligence personnel in providing training, as well as, any agency for which intelligence training is provided on a regularly scheduled basis. (T-3)

3.2.6. Develop intelligence training for other base/unit personnel, if appropriate. (T-3)

**3.3. Aircrew Intelligence Training.**

3.3.1. The AIT program manager will:

3.3.1.1. Build an effective training program, including training plans, with input from operational squadrons, tactics representatives, aircrew flight equipment (AFE) personnel, and Survival, Evasion, Resistance and Escape (SERE) specialists, as appropriate. (T-2)

3.3.1.2. Review training objectives for currency prior to the beginning of the training cycle. (T-3)

3.3.1.3. Actively solicit feedback to ensure training objectives are meeting training requirements. (T-3)

3.3.1.4. Conduct trend analysis following each training cycle; document lessons learned and apply those lessons during subsequent cycles. (T-3)

3.3.1.5. Provide a written evaluation of the wing/group AIT program to the appropriate commander(s) at the end of each training cycle. The written evaluation will include at a minimum: the percent or number of personnel trained; trend analysis (e.g., high miss questions, weak areas); and corrective actions taken. Incorporate feedback as applicable. (T-3)

3.3.2. Squadron intelligence personnel will:

3.3.2.1. Provide input to and execute the AIT program. (T-2)

3.3.2.2. Provide questions and answers specific to the squadron's mission for the unit master question file (MQF). (T-3)

3.3.2.3. Administer AIT tests at the end of each training cycle. (T-3)

3.3.2.4. Document AIT provided. Documentation of AIT will include the names of personnel receiving training, date training was accomplished, the topic taught, and the name of the trainer conducting the training. In addition, they will provide a written evaluation of the squadron's AIT program to the squadron commander and the SIO (see Attachment 2). (T-3)

3.3.3. The AIT plan will be specifically tailored to meet unit/mission requirements. Teach each item in the AIT training plan at least once during the training cycle. Evaluate the objectives for each AIT category with a test. Personnel covered by the training plan will pass each test with a minimum score of 85% correctable to 100% via a review of the missed test items with an EIT trainer. (T-3)

3.3.4. Prorate training based on unit contingency operations tempo IAW the appropriate AFI 11-2MDS, Volume 1. Details of the prorating schedule must be outlined in the AIT Plan and/or other written instructions. (T-3)

3.3.5. Training categories include threat knowledge, visual recognition (VR), collection and reporting (C&R), and personnel recovery (PR). Include other categories based on the unit's mission as required. (T-2)

3.3.5.1. Threat Knowledge Training. Develop specific threat knowledge training objectives tailored to the PR unit mission, local area, deployment base(s), and forward operating locations. Concentrate on threats in selected countries with the potential for direct unit involvement. Refer to attachment 3 for minimum standards for threat briefings. The references listed at the beginning of this instruction can be supplemented with other classified and unclassified publications (e.g., National Air and Space

Intelligence Center products, Tactics Bulletins, Tactics Analysis Reports, Country Studies) when developing threat knowledge training materials.

3.3.5.2. Visual Recognition Training. Develop specific VR training objectives tailored to rescue weapons systems, mission, base and forward operating locations. Include enemy/adversary, friendly or neutral weapon systems relevant to the operational environment, based on unit mission and operations plan (OPLAN)/concept of operations plan (CONPLAN) tasking. Identify key differences between friendly weapons systems and threat weapon system look-alikes. Incorporate all aspects/angles, theater specific paint schemes, national markings and various configurations. Include examples of weapons employment to illustrate how threats might appear when employed (e.g., muzzle flashes, smoke plumes, burst patterns). Training should teach aircrew/operators how to describe threats they encounter to assist intelligence personnel in positive identification.

3.3.5.3. Collection and Reporting Training. Collection and reporting training will focus on items necessary to enable aircrew to initiate aircrew-originated reports (e.g., In-flight Report (INFLTREP), Communications Instructions Reporting Vital Intelligence Sightings) and familiarize them with the information requirements of the intelligence-generated Mission Report (MISREP) and Intelligence Report. A critical component of C&R training will be the unit's essential elements of information (EEI). Training will identify and describe theater-specific and peacetime reporting requirements.

3.3.5.4. Personnel Recovery Operational Support Training. When assigned, a SERE specialist will conduct PR operational support training. The SERE specialist will coordinate PR operations support training requirements with intelligence and AFE personnel and document these requirements in a memorandum of agreement (MOA). Units without SERE personnel will coordinate an MOA with AFE and operations. This category will be omitted if intelligence personnel do not provide any PR operational support training to aircrew. If intelligence personnel do provide PR operational support training, address as a minimum: PR materials (Isolated Personnel Report (ISOPREP) maintenance and review, evasion plan of action (EPA) preparation) and theater combat recovery procedures.

### **3.4. Force Protection Intelligence Training.**

3.4.1. The FPIT program manager will:

3.4.1.1. Build an effective training program, including training plans, with input from SF personnel, AFOSI, and FP support agencies, as appropriate. (T-3)

3.4.1.2. Actively solicit feedback to ensure training objectives are meeting training requirements. (T-3)

3.4.1.3. Provide a feedback of the FPIT program to the appropriate commander(s) at the end of each training cycle. (T-3)

3.4.2. The FPIT plan will ensure FPIT is conducted IAW AFI 14-119 and will be specifically tailored to meet unit/mission FP requirements. Each item in the FPIT training plan will be taught IAW the FP customers objectives. (T-3)

3.4.3. All FPIT will be documented to include the names of personnel receiving training, date training was accomplished, the topics taught, and the name of the trainer conducting the

training. In addition, provide a written evaluation of the FPIT program to the appropriate unit commander. (T-3)

3.4.4. FPIT categories include intelligence roles and responsibilities, area of responsibility (AOR) hotspots, hostile forces, ground threat, landmines and improvised explosive devices. Include other categories based on the unit's mission as required. FPIT will meet the standards found in Attachment 4. (T-3)

## Chapter 4

### PLANS, MOBILITY AND DEPLOYMENT

**4.1. Plans.** The SIO will provide intelligence support to the E-8 planning process IAW AFI 14-202, Volume 3. (T-2)

**4.2. Mission Materials.** The SIO will appoint Mission Materials Managers to coordinate requirements necessary to provide support to the unit. Determine, develop, and maintain GI&S, imagery requirements and other mission materials, as required. Coordinate unit requirements with squadron weapons and tactics, and submit requirements IAW the respective theater collection management procedures. (T-3)

**4.3. Exercise Planning.** The SIO will integrate intelligence functions into the unit exercise planning process IAW AFI 14-202, Volume 3. Develop and maintain intelligence annexes or portions of base exercise plans required by wing/group exercise planning. (T-3)

**4.4. Mobility and Reception.** The SIO will:

4.4.1. Act as the wing focal point for all intelligence Air Force Specialty Code requirements in tasked unit type codes (UTC) and deployment orders. (T-3)

4.4.2. Ensure written guidance outlines procedures to support the mobility, reception, and bed down of intelligence operations to include systems communications and appropriate secure working areas. (T-3)

4.4.3. Maintain mobility equipment and supplies to meet unit OPLAN/CONPLAN or other contingency requirements. Maintain a list of intelligence reference materials required for deployment. (T-3)

4.4.4. Provide briefing support to include; initial situation, situation and deployment briefings. Briefings must incorporate the latest intelligence information tailored to the audience. Attachment 2 contains checklists detailing minimum briefing requirements. (T-2)

4.4.5. Ensure intelligence personnel and augmentees are provided with a changeover briefing at each shift change. (T-3)

**4.5. Squadron Intelligence Personnel Responsibilities.**

4.5.1. Monitor unit tasking and advise SIO of significant changes to unit tasking for exercises, contingency plans and operations. (T-3)

4.5.2. Coordinate intelligence personnel, and equipment support for tasked UTCs and any deployment orders with squadron staff and SIO. (T-3)

4.5.3. Identify unfilled requirements and notify squadron leadership and SIO. (T-3)

## Chapter 5

### EMPLOYMENT AND SUSTAINMENT OPERATIONS

**5.1. SIO Responsibilities.** The SIO is responsible for intelligence functions in the employment and sustainment phases of operations. The SIO will:

- 5.1.1. Ensure written guidance outlines procedures to support situation display posting and maintenance, mission planning, mission support, debriefing, and reporting functions. (T-3)
- 5.1.2. Provide briefing support to include situation briefings, mission briefings, and step briefings. Briefings must incorporate the latest intelligence information tailored to the audience. Attachment 2 contains checklists detailing minimum briefing requirements. (T-2)
- 5.1.3. Ensure intelligence personnel and augmentees are provided with a changeover briefing at each shift change. (T-3)
- 5.1.4. Utilize a log (hardcopy or electronic) to document events, questions, issues, briefing times, systems status, etc., to ensure positive communication among all personnel. Track incoming and outgoing information and reports. (T-3)
- 5.1.5. Rapidly analyze and disseminate significant and critical intelligence to appropriate work centers. (T-2)
- 5.1.6. Submit RFIs IAW theater procedures. (T-2)

**5.2. Situation Displays.** Develop quality control procedures to ensure standardization and accuracy of situation displays. Units will use Military Standard 2525C, *Common Warfighting Symbology*, and US Army Field Manual /US Marine Corps Reference Publication, FM 1-02/MCRP 5-12A, *Operational Terms and Graphics* for developing order-of-battle (OB) symbology. When no standard symbol exists for a unit, activity or installation, one should be created and its meaning defined in the legend.

- 5.2.1. Unit situation displays will be standardized and include, as applicable to mission requirements: (T-3)
  - 5.2.1.1. Major elements of friendly forces.
    - 5.2.1.1.1. Fire support coordination measures such as troops in contact, forward edge of the battle area (FEBA), forward lines of own troops, fire support coordination line, restricted operating zones, combat air patrols (CAP), landing zones/drop zones, etc.
    - 5.2.1.1.2. Area of operations.
    - 5.2.1.1.3. No fire zone, free fire zone, and restricted fire zone as appropriate.
    - 5.2.1.1.4. Applicable airspace control measures such as air refueling tracks, corridors, etc.
    - 5.2.1.1.5. Location of friendly airfields.
    - 5.2.1.1.6. Personnel Recovery information as applicable (e.g., designated area for recovery, search and recovery (SARDOT)).
    - 5.2.1.1.7. Special operations forces (SOF) locations.

- 5.2.1.1.8. Current day's named areas of interest (NAIs) and orbit areas of operations.
- 5.2.1.1.9. Downed aircrew locations.
- 5.2.1.2. Major elements of enemy forces.
  - 5.2.1.2.1. Location of enemy airfields, air OB, and CAP activity.
  - 5.2.1.2.2. IADS elements.
    - 5.2.1.2.2.1. Defensive missile OB including threat rings, as appropriate.
    - 5.2.1.2.2.2. Electronic OB including early warning (EW) and ground control intercept sites and visual observer locations.
    - 5.2.1.2.2.3. Air defense artillery.
  - 5.2.1.2.3. Surface to air firings (SAFIRES) and source(s) when known.
  - 5.2.1.2.4. Ground OB.
  - 5.2.1.2.5. Surface to Surface Missile locations and launchers.
  - 5.2.1.2.6. Naval OB.
  - 5.2.1.2.7. Asymmetric events (e.g., directed energy weapon incidents, improvised explosive devices (IED), minefields) and any significant activity.
- 5.2.1.3. Chemical, biological, radiological, nuclear and explosives contaminated areas.
- 5.2.1.4. Legend depicting all symbols and associated captions.
- 5.2.1.5. Classification and control markings.
- 5.2.1.6. Current as of date time group (DTG).
- 5.2.2. Supplement and update the situation displays as intelligence becomes available. Develop and implement written procedures for purging outdated data.

**5.3. Mission Planning.** Intelligence personnel will integrate with wing/group weapons and tactics to fulfill necessary intelligence requirements during mission planning. Participate in mission planning teams (MPT), supporting the mission planning cell (MPC) by supplying materials and information to execute missions and satisfy tasking orders IAW local directives. (T-2)

5.3.1. Provide support to the MPT to include the following, as appropriate:

- 5.3.1.1. Extract mission employment information from the appropriate tasking documents (e.g., air tasking order (ATO), airspace control order, Reconnaissance, Surveillance and Targeting Acquisition Annex, special instructions (SPINS), etc.) and apply data to mission planning processes. Obtain materials necessary to support the mission.
  - 5.3.1.1.1. Extract mission taskings, locations, reporting information and EEIs from Collection Deck.
  - 5.3.1.1.2. Determine named area of interest (NAI) descriptions and their significance, and plot.

5.3.1.1.3. . Retrieve automated imagery and GMTI products using best available source.

5.3.1.2. Use intelligence systems and intelligence preparation of the operational environment techniques to analyze threats and terrain affecting ingress, egress and operating areas.

5.3.1.2.1. Provide expertise and analysis on potential threats and terrain affecting the mission.

5.3.1.2.2. Construct en route and mission area charts as applicable. Maintain finished mission materials.

5.3.1.2.3. Highlight any friendly force locations in mission areas.

5.3.1.3. Consider tenets of Law of Armed Conflict (LOAC) and the rules of engagement applicable to the mission.

5.3.1.4. Coordinate with AFE and SERE in order to provide MPT with PR procedures and information.

5.3.1.5. Provide the mission planning briefing using checklist in Attachment 2.

5.3.1.6. Assist MPC Chief in developing procedures to re-plan missions based on new threats, ATO changes, and/or diverted missions.

5.3.1.7. Update preplanned missions to reflect the latest available intelligence information affecting the mission.

5.3.2. Intelligence personnel participating in mission planning must be qualified and current in mission planning training requirements to accomplish the duties successfully. (T-3)

#### **5.4. Mission Support.** Intelligence personnel will: (T-3)

5.4.1. Monitor E-8 mission execution using the collaboration system of record for situational awareness.

5.4.2. Perform mission tracking and post-planning duties during operational or exercise combat missions. Make provisions for diverted missions.

5.4.3. Provide mission planning briefings and step briefings as appropriate. Mission planning briefings will be given to all tasked missions.

5.4.4. Monitor threat update codes (TUCs) to determine if an event warrants immediate notification to aircrew and/or leadership.

5.4.5. Develop procedures to ensure aircrews report perishable, critical information of intelligence value with an INFLTREP.

5.4.6. GEOINT Analysis. The SIO will develop quality control procedures to ensure standardization of development, coordination and dissemination of imagery analysis and products. GEOINT Analyst personnel will perform analysis, assign a confidence level and annotate imagery to complete requirements and fulfill imagery product requests. They will use multiple analysis tool sets to satisfy EEIs in a given timeline.

#### **5.5. Debriefing.** Intelligence personnel will: (T-3)

5.5.1. Intelligence personnel will debrief all tasked missions IAW unit procedures and theater directives.

5.5.2. Ensure all missions/aircrews are debriefed and associated reports are recorded.

5.5.3. Debrief all aircrew on perishable, critical information of intelligence value prior to all other debriefings. Disseminate critical debrief information rapidly.

5.5.4. Prepare for debriefings:

5.5.4.1. Prepare appropriate sections of the debrief form/checklist (mission number, call sign, ) prior to mission return to base.

5.5.4.2. Using the collaboration system of record, monitor the E-8 mission to gain situational awareness in preparation for the crew debrief.

5.5.4.3. Have appropriate maps and imagery on hand, if applicable.

5.5.4.4. Be familiar with mission tasking.

5.5.4.5. Have list of EEIs available, if applicable.

## **5.6. Reporting.** Intelligence personnel will: (T-2)

5.6.1. Develop procedures for intelligence report composition, quality control and dissemination IAW theater guidance. In the event there is no theater guidance, use standard US Message Text Format for all reports.

5.6.2. All voice reports (e.g., INFLTREP) containing information of intelligence value will be followed up with a written report.

5.6.3. Quality control all reports prior to submission. Check that all required fields are completed and significant events are fully explained. Include an initial level of tactical analysis in the narrative portion.

5.6.4. Submit MISREPs, intelligence reports, intelligence summaries, and other required reports IAW applicable directives.

## **5.7. Intelligence Support to Personnel Recovery.**

5.7.1. Intelligence personnel will understand PR operational support considerations for unit operations. When a SERE specialist is assigned, coordinate intelligence support to PR responsibilities and document delineation of duties in a MOA. When a SERE specialist is not assigned, coordinate an MOA with AFE personnel. (T-3)

5.7.1.1. PR Materials. Coordinate with SERE and/or AFE personnel to ensure intelligence related PR kit materials are available. Track accountability of PR materials for which intelligence is responsible. Provide simulated intelligence related PR kit materials for exercises. (T-2)

5.7.1.2. Intelligence personnel will provide threat analysis to assist aircrews in preparing an EPA for their missions. (T-2)

5.7.2. Refer to AFI 16-1301, *Survival, Evasion, Resistance and Escape Program*, and the Personnel Recovery Mission Software (PRMS) 2.1.5 *Isolated Personnel Report/Evasion Plan of Action (ISOPREP/EPA) Users Manual* for additional information.

LARRY D. JAMES, Lieutenant General, USAF  
Deputy Chief of Staff, Intelligence,  
Surveillance, and Reconnaissance

## Attachment 1

### GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

#### *References*

- AFI 11-2E-8, Volume 3, *E-8 Operations Procedures*, 21 July 2004
- AFI 14-119, *Intelligence Support to Force Protection (FP)*, 4 May 2012
- AFI 14-202, Volume 1, *Intelligence Training*, 10 March 2008
- AFI 14-202, Volume 2, *Intelligence Standardization/Evaluation Program*, 10 March 2008
- AFI 14-202, Volume 3, *General Intelligence Rules*, 10 March 2008
- AFI 14-2E-8, Volume 1, *E-8 Unit Intelligence Training*, 18 April 2013
- AFI 14-2E-8, Volume 2, *E-8 Unit Intelligence Evaluation Criteria*, 18 April 2013
- AFI 16-1301, *Survival, Evasion, Resistance, and Escape (SERE) Program*, 6 September 2006
- AFMAN 33-363, *Management of Records*, 1 March 2008
- AFPD 14-2, *Intelligence Rules and Procedures*, 29 November 2007
- AFTTP 3-1.General Planning, *General Planning and Employment Considerations*, 2 February 2012 (S)
- AFTTP 3-1.JSTARS, *Tactical Employment—E8C JSTARS*, 20 May 2011 (S)
- AFTTP 3-1.Threat Guide, *Threat Reference Guide and Countertactics Manual*, 16 August 2011 (S)
- MIL STD 2525C, *Common Warfighting Symbology*, 17 November 2008
- FM 1-02/MCRP 5-12A, *Operational Terms and Graphics*, September 2004

#### *Adopted Forms*

- AF Form 847, *Recommendation for Change of Publication*

#### *Abbreviations and Acronyms*

- ACC**—Air Combat Command
- AFE**—Aircrew Flight Equipment
- AFI**—Air Force Instruction
- AFMAN**—Air Force Manual
- AFOSI**—Air Force Office of Special Investigations
- AFPD**—Air Force Policy Directive
- AFTTP**—Air Force Tactics, Techniques and Procedures
- AIT**—Aircrew Intelligence Training
- ANG**—Air National Guard

**AOR**—Area of Responsibility  
**ATO**—Air Tasking Order  
**CAP**—Combat Air Patrol  
**CMR**—Combat Mission Ready  
**CONPLAN**—Concept Plan  
**CSAR**—Combat Search and Rescue  
**C&R**—Collection and Reporting  
**DTG**—Date/Time Group  
**EEI**—Essential Elements of Information  
**EO**—Electro-Optical  
**EPA**—Evasion Plan of Action  
**EW**—Early Warning  
**FEBA**—Forward Edge of the Battle Area  
**FP**—Force Protection  
**FPI**—Force Protection Intelligence  
**FPIT**—Force Protection Intelligence Training  
**GEOINT**—Geospatial Intelligence  
**GI&S**—Geospatial Information and Services  
**GMTI**—Ground Moving Target Indicator  
**GPS**—Global Positioning System  
**HF**—High frequency  
**IADS**—Integrated Air Defense System  
**IAW**—In Accordance With  
**IED**—Improvised Explosive Device  
**INFLTREP**—In-flight Report  
**IR**—Infrared  
**ISOPREP**—Isolated Personnel Report  
**ISR**—Intelligence, Surveillance and Reconnaissance  
**JSTARS**—Joint Surveillance Target Attack Radar System  
**MAJCOM**—Major Command  
**MISREP**—Mission Report  
**MOA**—Memorandum of Agreement

**MPC**—Mission Planning Cell  
**MPT**—Mission Planning Team  
**MQF**—Master Question File  
**NAI**—Named Area of Interest  
**OB**—Order of Battle  
**OPLAN**—Operations Plan  
**OPR**—Office of Primary Responsibility  
**PR**—Personnel Recovery  
**PRMS**—Personnel Recovery Mission Software  
**RFI**—Request for Intelligence  
**SARDOT**—Search and Rescue Dot  
**SERE**—Survival, Evasion, Resistance and Escape  
**SF**—Security Forces  
**SIO**—Senior Intelligence Officer  
**SOF**—Special Operations Forces  
**SPINS**—Special Instructions  
**T-2**—Tier 2  
**T-3**—Tier 3  
**USMTF**—US Message Text Format  
**VHF**—Very High Frequency  
**VR**—Visual Recognition

*Terms*

**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.

## Attachment 2

## AIRCREW INTELLIGENCE TRAINING REPORT

Figure A5.1. Example Aircrew External Intelligence Training Report.

[DATE]

MEMORANDUM FOR XX SQ/CC, XX OSS/IN

FROM: [UNIT]

SUBJECT: Summary of Aircrew External Intelligence Training

1. The Squadron has 25 assigned combat mission ready (CMR) aircrews. 78 percent of aircrews received 100 percent of their required intelligence training topics for this training cycle. The status of intelligence training is listed below:

| XX SQ Training Summary            |                |
|-----------------------------------|----------------|
| Total aircrews                    | 25             |
| Avg. complete:                    | 78%            |
| Most common topics not completed: | SA-2<br>MiG-25 |

2. In accordance with the AIT Plan, aircrews are required to be trained on each training item at least once each training cycle. At the completion of the training cycle, the following crewmembers have not completed the annotated training items:

| Aircrew Member | Intelligence Training Item |
|----------------|----------------------------|
| John A. Doe    | SA-2, MiG-25, Su-27        |
| Susan L. Smith | MiG-25                     |
| Zane G. Thomas | SA-2/3/8, MiG-25           |
| Ed. D. Tyler   | PR, ISOPREP                |

3. The annual Intelligence MQF test was administered on 15 Jan 11. All CMR aircrews have taken the 100 question test (50 questions and 50 visual recognition slides). While not all aircrews obtained the minimum passing score of 85 percent the first time around, all tests have been corrected to 100 percent. A total of 25 aircrews took the test. The initial average test score for the squadron was 95 percent.

| XX SQ Intelligence Test Results          |          |
|--|----------|
| Total # aircrew to take test             | 25       |
| # of questions                           | 100      |
| Knowledge questions                      | 50       |
| Knowledge questions—average score        | 92%      |
| Knowledge questions—most commonly missed | 5 (SA-2) |

|   |  |
|---|--|
|   | 8 (SA-6)<br>13 (MiG-29)<br>14 (Collection)<br>21 (Reporting) |
| Visual Recognition Slides               | 50   |
| Visual Recognition—average score        | 98%  |
| Visual Recognition—most commonly missed | MiG-21   |

5. The most commonly missed questions were #5, 8, 13, 14 and 21. After further review of questions 14 and 21, it is likely these questions were missed because they were poorly worded and difficult to understand. Questions 5, 8, and 13 focused on the SA-2, SA-6, and MiG-29 respectively. The squadron intelligence section will increase emphasis on these threat systems during the next training cycle. Attached is a breakout of the test questions and how many times each question was missed.

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Chief, Intelligence Operations & Training

Attachment:  
Test Question Breakout

## Attachment 3

## THREAT TRAINING STANDARDS

**A3.1. Aircrew Intelligence Training Briefing.** The SIO will ensure AIT includes threat briefings on the topics listed in the following paragraphs. Tailor briefings to E-8 mission specific requirements and associated AFI 11-2E-8 Volume 1 instructions. (T-3)

**Table A3.1. Integrated Air Defense Systems.**

|    |   |
|----|---|
| 1. | Early Warning   |
| 2. | Command, Control, Communications, Computers, & Intelligence Network Setup |
| 3. | Air Interdiction Alert  |
| 4. | Defensive Missile Alert   |
| 5. | Electronic Warfare  |
| 6. | Air Defense Artillery   |
| 7. | Future Developments/Emerging Threats                                      |

**Table A3.2. Aircraft (Fixed Wing and Helicopter).**

|    |  |
|----|--|
| 1. | Countries of employment  |
|    | -- Role and mission  |
| 2. | Avionics (radar, electronic attack/electronic protection features) |
| 3. | Armament   |
| 4. | Tactics  |
| 5. | Countertactics/Counterprocedures                                   |

**Table A3.3. Surface-to-Air Missiles.**

|    |  |
|----|--|
| 1. | Countries of employment                |
|    | -- Role and mission                    |
| 2. | Associated radars and systems          |
| 3. | System capabilities                    |
| 4. | Employment tactics and firing doctrine |
| 5. | Site Configuration/Deployment          |

**Table A3.4. Air Defense Artillery.**

|    |  |
|----|--|
| 1. | Countries of employment                      |
|    | -- Role and mission                          |
| 2. | Fire control system(s) and associated radars |
| 3. | System capabilities                          |
| 4. | Deployment, tactics and firing doctrine      |

**Table A3.5. Naval Threats.**

|    |                         |
|----|-------------------------|
| 1. | Countries of employment |
|    | -- Role and mission     |
| 2. | Ship class              |

|  |                       |
|--|-----------------------|
|  | -- Quantity           |
|  | -- Weapons employed   |
|  | -- Range and altitude |
|  | -- Associated radars  |
|  | -- Employment tactics |

**Table A3.6. Electronic Warfare.**

|    |                       |
|----|-----------------------|
| 1. | Communication jammers |
|    | -- Name               |
|    | -- Frequency          |
|    | -- Range              |
|    | -- Type               |
|    | -- Effect             |
|    | -- Employment         |
| 2. | GPS jammers           |
|    | -- Name               |
|    | -- Frequency          |
|    | -- Range              |
|    | -- Type               |
|    | -- Effect             |
|    | -- Employment         |
| 3. | Radar jammers         |
|    | -- Name               |
|    | -- Frequency          |
|    | -- Range              |
|    | -- Type               |
|    | -- Effect             |
|    | -- Employment         |
| 4. | Passive detection     |
|    | -- Name               |
|    | -- Frequency          |
|    | -- Range              |
|    | -- Type               |
|    | -- Effect             |
|    | -- Employment         |

**Table A3.7. Cyber Warfare.**

|    |               |
|----|---------------|
| 1. | Organizations |
| 2. | Programs      |
| 3. | Capabilities  |
| 4. | Country ties  |

**Table A3.8. Directed Energy Weapons.**

|    |                       |
|----|-----------------------|
| 1. | Deployment/Employment |
|----|-----------------------|

|    |  |
|----|--|
|    | - Expected location(s) (e.g., ground-based, airborne)  |
|    | - Assessed battlefield location (e.g., FEBA, high value sites)   |
|    | - Mobility capabilities (e.g., quick setup, move)  |
|    | - Employment (e.g., man portable, vehicle, fixed, site/battery configuration)                          |
|    | - Associated equipment (e.g., fire control system, radar, search and track systems)                    |
|    | - IADS integration (e.g., early warning, acquisition, co-located, off system cueing, visual observers) |
| 2. | Anti-personnel, non-weapon Lasers  |
|    | - Capabilities (e.g., tactical/effective ranges, altitudes, green vs. red)                             |
|    | - Tactics and effects (e.g., harassment, dazzle, temporary flash blinding, retinal damage)             |
|    | - Countertactics and countermeasures (e.g., pre-emptive, reactive)                                     |
| 3. | Anti-electro-optical/infrared sensor lasers  |
|    | - Capabilities (e.g., tactical/effective ranges, altitudes, green vs. red)                             |
|    | - Tactics and effects (e.g., harassment, dazzle, temporary flash blinding, retinal damage)             |
|    | - Countertactics and countermeasures (e.g., pre-emptive, reactive)                                     |
| 4. | Radio frequency weapons  |
|    | - Capabilities (e.g., tactical/effective ranges, altitudes)  |
|    | - Tactics and effects (e.g., equipment disruption, destruction)  |
|    | - Countertactics and countermeasures (e.g., pre-emptive, reactive)                                     |

## Attachment 4

### FORCE PROTECTION INTELLIGENCE TRAINING STANDARDS

**A4.1. Force Protection Intelligence Training.** Intelligence training for SF and other FP support agencies must be focused on two primary educational goals: (1) roles, missions and responsibilities of intelligence, (2) threat identification and capabilities.

**A4.2. Minimum Requirements.** The following paragraphs provide a baseline of important items that will be tailored for each unit's specific mission, as required. FPIT should be provided to SF and other support agencies to meet AFI 14-119 requirements. Units can add items to this list.

**A4.3. Roles and Responsibilities of Intelligence.**

A4.3.1. Intelligence role in Force Protection.

A4.3.1.1. Threat Working Group.

A4.3.1.2. Base-level Anti-Terrorism/FP.

A4.3.1.3. Integrated Base Defense.

A4.3.2. Intelligence Resources (classified and open source).

A4.3.3. Briefings.

A4.3.4. EEIs.

A4.3.5. Debriefing.

A4.3.6. Reports.

A4.3.7. Intelligence Oversight.

A4.3.8. Terrorism Threat Levels.

**A4.4. Hot Spots.** - selected countries or regions with the potential for direct unit involvement.

A4.4.1. Current Terrorism Threat.

A4.4.2. Nature of, or potential for, conflict.

A4.4.3. Description of current military operations in response to the conflict.

A4.4.4. Airfield/deployed location ground threats at possible staging locations (e.g., SOF troops, local criminal activity, MANPADS, local ground/security units).

**A4.5. Hostile Forces.**

A4.5.1. Type/Affiliation/Area of Control.

A4.5.2. Preferred Weapons/Tactics.

A4.5.3. Pre-operational Activity/Identification.

A4.5.4. Recent Activity.

**A4.6. Ground Threat.**

**A4.6.1.** System overview.

- A4.6.1.1. Role and mission.
- A4.6.1.2. Combat radius.
- A4.6.1.3. Maximum speed.
- A4.6.1.4. Trafficability.
- A4.6.1.5. Types of communications (e.g., HF, VHF, UHF).
- A4.6.1.6. Crew make up and size.
- A4.6.1.7. Identify visually (e.g., IR, daytime, night vision goggles).

#### A4.6.2. Deployment.

- A4.6.2.1. Countries of employment.
- A4.6.2.2. Tactics.
- A4.6.2.3. System modifications.

#### A4.6.3. Armament.

- A4.6.3.1. Typical loadout and maximum loadout.
- A4.6.3.2. Mounted armament location.
- A4.6.3.3. Employment range.
- A4.6.3.4. Guidance.
- A4.6.3.5. Fusing.
- A4.6.3.6. Lethal radius.
- A4.6.3.7. Strengths and weaknesses.

#### A4.6.4. Combined weapon system capabilities.

- A4.6.4.1. State detection capability.
- A4.6.4.2. Electronic attack measures used effectively vs. ground personnel.
- A4.6.4.3. Strengths and weaknesses.
- A4.6.4.4. Recommended countertactics, takedown points and recommended munitions.

### **A4.7. Landmines.**

#### A4.7.1. System overview.

- A4.7.1.1. Tactics, techniques, and procedures.
- A4.7.1.2. Identification of minefield markings.
- A4.7.1.3. Visual identification of mines.
- A4.7.1.4. Identify detonation frequency range.
- A4.7.1.5. Detection capabilities.

#### A4.7.2. Deployment.

A4.7.2.1. Countries/terrorists of employment.

A4.7.2.2. Tactics and system modifications.

A4.7.3. Explosives.

A4.7.3.1. Type and amount.

A4.7.3.2. Fusing and casing.

A4.7.3.3. Lethal radius and blast pattern.

A4.7.4. Combined weapon system capabilities.

A4.7.4.1. Pattern or random.

A4.7.4.2. Countertactics.

#### **A4.8. IEDS, VBIEDs, and RCIEDS.**

A4.8.1. System overview.

A4.8.1.1. Tactics, techniques and procedures.

A4.8.1.2. Visual identification of various IEDs.

A4.8.1.3. Identify detonation frequency range.

A4.8.1.4. Detection capabilities.

A4.8.2. Explosives.

A4.8.2.1. Type and amount.

A4.8.2.2. Fuzing and casing.

A4.8.2.3. Lethal radius and blast pattern.

A4.8.2.4. Potential timing devices and reliability.