

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

**AIR FORCE INSTRUCTION 14-2B-52
VOLUME 1**



24 FEBRUARY 2012
Incorporating Change 1, 4 AUGUST 2014

Intelligence

B-52 UNIT INTELLIGENCE TRAINING

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available for downloading on the e-Publishing website at www.e-publishing.af.mil.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: AFGSC/A2

Certified by: AF/A2D
(Brig Gen Mark W. Westergren)

Pages: 46

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 B-52 units. This publication applies to Regular Air Force (RegAF), Reserve and Air National Guard (ANG) intelligence personnel supporting B-52 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 Form 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. In order for units to have time to prepare for compliance, this publication becomes effective 60 days after the publication date.

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.

Chapter 1—GENERAL GUIDANCE	4
1.1. Responsibilities.	4
1.2. Qualification Training.	6
1.3. Position Qualification.	6
1.4. Documentation.	7
Chapter 2—INITIAL QUALIFICATION TRAINING	8
2.1. General.	8
2.2. Waiver approval for in-unit IQT.	8
2.3. Prerequisites.	8
2.4. IQT Requirements.	8
Figure 2.1. Path to BQ.	9
Chapter 3—MISSION QUALIFICATION TRAINING	10
3.1. General.	10
3.2. Timelines.	10
3.3. Training Completion and Qualification.	10
Figure 3.1. Path to CMR/BMC.	11
3.4. Knowledge and Task Training (MQT).	11
Chapter 4—CONTINUATION TRAINING	17
4.1. General.	17
4.2. Internal Intelligence Training Program.	17
4.3. Ready Intelligence Program.	18
4.4. Currency.	18
Table 4.1. B-52 Ready Intelligence Program Currency Requirements for Operations Intelligence Personnel.	18
Table 4.2. B-52 Ready Intelligence Program Currency Requirements for Target Intelligence Personnel.	19
4.5. Re-qualification.	19
4.6. Regression.	19

4.7.	Proration of End-of-Cycle Requirements.	20
Chapter 5—SPECIALIZED TRAINING		21
5.1.	Specialized Training (ST) Programs.	21
5.2.	External Intelligence Trainer (EIT) Specialized Training.	21
Table 5.1.	External Intelligence Trainer Event Training and Currencies.	23
5.3.	Nuclear Mission Support (NMS) Specialized Training.	23
Table 5.2.	Nuclear Mission Support Event Training and Currencies.	24
5.4.	Targeteer/Weaponer Specialized Training (TWST).	24
Table 5.3.	Targeting/Weaponing Specialized Training Events and Currencies.	25
5.5.	Intelligence Evaluator (IE) Specialized Training.	25
Attachment 1—GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION		27
Attachment 2—TRAINING REQUIREMENTS		34
Attachment 3—EXAMPLE TRAINING SHORTFALL REPORT		35
Attachment 4—GRADESHEETS		36

Chapter 1

GENERAL GUIDANCE

1.1. Responsibilities.

1.1.1. The Deputy Chief of Staff for Intelligence, Surveillance and Reconnaissance (AF/A2) delegates OPR for this instruction to Air Force Global Strike Command Intelligence (AFGSC/A2). In addition to the MAJCOM responsibilities identified in AFI 14-202, Volume 1, AFGSC/A2 will:

1.1.1.1. Develop and maintain a B-52 Intelligence Master Question File (MQF). Coordinate with other organizations to obtain inputs, as required. Periodically review MQF questions to certify clarity, accuracy of content and relevance to B-52 unit missions. B-52 unit senior intelligence officers (SIOs) are authorized to augment the baseline MQF with locally generated questions to meet unit needs.

1.1.1.2. Develop or coordinate with other organizations to obtain and provide baseline training materials for initial qualification training (IQT), Mission Qualification Training (MQT), Continuation Training (CT), and Specialized Training (ST) (e.g., Capabilities Briefs, Visual Recognition [VR], and Threat of the Day [TOD] materials, training scenarios, etc.). B-52 unit SIOs are authorized to modify the baseline training materials to meet unit needs.

1.1.1.3. Chair a biennial training conference to review B-52 unit intelligence training requirements and programs. Conference participants will include appropriate active and air reserve component (ARC) representatives.

1.1.1.4. Act as the waiver authority for specific intelligence training requirements outlined in this publication. Courtesy copy AF/A2DF on any waiver correspondence.

1.1.1.5. Coordinate with other MAJCOMs, as applicable, on B-52 intelligence training issues involving participation of non-AFGSC organizations in support of global strike mission execution.

1.1.2. All user MAJCOMs will:

1.1.2.1. Determine specialized combat mission qualification requirements needed to meet unit Operations Plan (OPLAN)/Concept Plan (CONPLAN) tasks. Coordinate with AFGSC/A2 for supporting training materials, as needed.

1.1.2.2. Request waiver to the basic guidance in this instruction through applicable MAJCOM/A2 training channels to AFGSC/A2.

1.1.3. The Chief of Wing Intelligence (OGI) is considered the B-52 Senior Intelligence Officer. The SIO will:

1.1.3.1. Ensure programs are developed and executed to meet combat mission qualification requirements for B-52 intelligence. Provide guidance to flying squadron intelligence personnel and subordinate units regarding execution of training. (T-2)

1.1.3.2. Appoint in writing an Intelligence Personnel Training Program Manager to oversee program execution. Where assigned, the USAF Intelligence Weapons Instructor Course graduate will provide input into the training programs. (T-3)

1.1.3.3. Designate the qualification to which each intelligence position will train. Upon request, provide MAJCOM/A2 and operational commander(s), as appropriate, with a list of Basic Mission Capable (BMC) and Combat Mission Ready (CMR) manning positions. (T-2)

1.1.3.4. Review programs and manning position designations annually. (T-3)

1.1.3.5. Monitor currencies and training requirements for all assigned/attached intelligence personnel. Assigned Individual Mobilization Augmentees (IMA) will be trained and equipped to established command standards for the positions they will assume. (T-2)

1.1.3.6. Ensure personnel accomplish ancillary training IAW AFI 36-2201, *Air Force Training Program*. Consult with the local unit training manager and Unit Deployment Manager for ancillary training requirements specific to the unit and base. (T-3)

1.1.3.7. Ensure intelligence personnel are under the direct supervision of qualified and current intelligence personnel when required to participate in operational events or perform tasks for which they are not qualified and current. (T-2)

1.1.3.8. Identify and report to MAJCOM/A2 any training shortfalls that could have negative impact on operations. (T-3)

1.1.4. The unit Intelligence Personnel Training Program Manager will:

1.1.4.1. Develop intelligence personnel training programs with written guidance detailing how the program will be conducted. Design training programs to achieve the highest degree of mission readiness consistent with safety and resource availability. Training must balance the need for realism against the expected threat, unit mission and capabilities. (T-2)

1.1.4.2. Ensure that unit intelligence mission qualification training is executed with sufficient frequency, consistency and accuracy, IAW standards approved by the SIO, to ensure personnel knowledge, skills and abilities relevant to the B-52 mission remain current. (T-2)

1.1.4.3. Use lead MAJCOM-developed training materials to assist in the development and conduct of unit training programs, as applicable. (T-3)

1.1.4.4. Review training and evaluation records of newly-assigned intelligence personnel and those completing formal training to determine the training required for them to achieve CMR or BMC status and to ensure provisions of this instruction have been met. (T-2)

1.1.4.5. Monitor intelligence personnel currencies and requirements and notify/coordinate with individual's chain-of-command on all combat mission qualification issues, to include delays, BMC/CMR status, and selection for upgrade training. (T-2)

1.1.4.6. Provide a written evaluation of the intelligence personnel training program to the SIO at the end of each training cycle. Submit reports as required by local procedures for tracking overall training status of intelligence personnel. (T-3)

1.1.5. Individual intelligence personnel will:

1.1.5.1. Complete training and maintain currency requirements within the guidelines of this instruction and applicable AF/MAJCOM training standards. (T-2)

1.1.5.2. Notify supervisor of any issues that affect training events, qualification status, or the ability to participate in MQT or CT. (T-2)

1.1.5.3. Only participate in operational activities for which they are qualified and current, unless under the direct supervision of qualified and current intelligence personnel. (T-2)

1.1.5.4. Hand-carry a digital copy of qualification training and evaluation records when changing station or assignment to assist the gaining unit in assessing qualifications and training requirements. (T-3)

1.2. Qualification Training. Qualification training programs are designed to progress intelligence personnel from IQT to MQT in order to achieve BMC or CMR status, which will be maintained via continuation training and validated by periodic intelligence evaluations. Qualification training is separate from skill level upgrade training, although qualification training may fulfill some skill level upgrade training requirements.

1.2.1. IQT provides the initial training necessary to qualify intelligence personnel for basic duties in an intelligence position without regard to a unit's specific mission. Upon completion of IQT, intelligence personnel attain Basic Qualification (BQ) status. BQ is not a long-term qualification status. IQT is discussed further in Chapter 2 of this instruction.

1.2.2. MQT provides the training necessary to qualify or re-qualify intelligence personnel in a specific duty position to perform the missions assigned to a unit. BQ is a prerequisite for MQT; intelligence personnel maintain BQ status until they complete MQT. Completion of MQT is a prerequisite for both BMC and CMR status. MQT is discussed more extensively in Chapter 3 of this instruction.

1.2.3. Continuation Training provides the volume, frequency and mix of training necessary for intelligence personnel to maintain proficiency, currency and qualification. The Ready Intelligence Program (RIP) is designed to focus training on capabilities needed to accomplish a unit's core tasked missions. CT is separate from skill level upgrade training, although CT may fulfill some skill level upgrade training requirements. CT and RIP are discussed further in Chapter 4 of this instruction.

1.2.4. Specialized Training addresses skills necessary to carry out a unit's assigned missions but are not required for every intelligence unit member. ST is accomplished after the member has attained BMC or CMR status, and is in addition to BMC or CMR requirements. ST is discussed further in Chapter 5 of this instruction.

1.3. Position Qualification. The SIO will designate intelligence positions as either BMC or CMR. All personnel must maintain at least BMC qualification; flying squadron intelligence personnel will be CMR. (T-2)

1.3.1. Basic Mission Capable is the status of intelligence personnel who have satisfactorily completed MQT, are qualified in the unit mission, but do not maintain the same frequency of training as those in CMR status. BMC personnel are typically those who primarily perform wing supervision or staff functions that directly support intelligence operations. Personnel must be able to attain CMR currency within 30 days.

1.3.1.1. BMC personnel must maintain currencies by accomplishing all designated tasks within the prescribed timelines. See Chapter 4, Tables 4.1 and 4.2, for RIP currency requirements and Chapter 5, Table 5.1, for Specialized Training currency requirements. Failure to complete BMC-required training results in regression to non-BMC (N-BMC) status. While N-BMC, personnel may only perform individual tasks in which they are current and qualified. (T-2)

1.3.2. Combat Mission Ready refers to the status of intelligence personnel who have satisfactorily completed MQT and maintain qualification and currency in the mission qualification tasks and knowledge outlined in this instruction.

1.3.2.1. CMR intelligence personnel must maintain currency by accomplishing all designated tasks within the prescribed timelines. See Chapter 4, Table 4.1, for RIP currency requirements and Chapter 5, Table 5.1, for ST currency requirements. Failure to complete this training or maintain these currencies will result in regression to non-CMR (N-CMR) status unless waived by the SIO. While N-CMR, personnel may perform only individual tasks in which they are current and qualified. (T-2)

1.3.2.2. Intelligence personnel must be CMR to support a B-52 deployment in support of a conflict. At the discretion of the SIO, a unit may deploy any current and qualified individual on deployments not tied to an active conflict. (T-2)

1.3.2.2.1. Joint Expeditionary Taskings (JET). Currency requirements are not applicable for JET deployment outside an individual's assigned airframe.

1.3.3. N-BMC/N-CMR. Intelligence personnel who regress to N-BMC or N-CMR status must accomplish the requirements in accordance with Chapter 4 before being returned to BMC or CMR status. (T-2)

1.4. Documentation. All intelligence training must be documented. Units will document training on the AF Form 4381, *Intelligence Gradesheet*, and in coordination with AF/A2 approved processes regarding on-line documentation. (T-2)

Chapter 2

INITIAL QUALIFICATION TRAINING

2.1. General. This chapter outlines IQT for B-52 unit intelligence personnel. IQT for intelligence personnel begins after initial skills training is completed (i.e., the Air Force Specialty Code awarding courses) and will consist of the Global Strike Intelligence Formal Training Unit (IFTU). In exceptional circumstances, when IFTU training is not available within a reasonable time period, the IFTU portion of IQT may be conducted at the local unit. Local IQT will be conducted by unit intelligence training personnel using the Global Strike IFTU syllabus and training courseware provided by AFGSC/A2. After successful completion of the IFTU course, the individual has met the training requirements for Basic Qualification (BQ). The following guidance only applies to training other than the formal Global Strike IFTU IQT course. (T-2)

2.2. Waiver approval for in-unit IQT. AFGSC/A2 is approval authority to conduct in-unit IQT. All user MAJCOMs will route waiver requests through AFGSC/A2Q. Requests to conduct local IQT will include: (T-2)

2.2.1. Justification for in-unit training in lieu of formal course training attendance.

2.2.2. Summary of the individual's intelligence career field experience.

2.2.3. Date training will begin and the expected completion date.

2.2.4. Requested exceptions to the formal course syllabus, with rationale.

2.3. Prerequisites. Course prerequisites will be IAW the appropriate formal course syllabus and the USAF Education and Training Course Announcements (ETCA). (T-2)

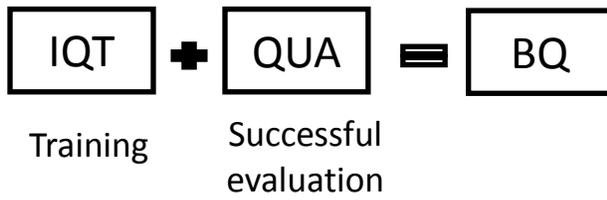
2.4. IQT Requirements.

2.4.1. IQT will be completed within the time specified by the syllabus. Failure to complete training within the specified time limit requires notification to MAJCOM/A2 to include specific information on the individual relevant to the situation, reason for delay, planned actions and estimated completion date. (T-2)

2.4.2. Minimum IQT requirements are documented in the formal course training standard. In-unit IQT may be modified at the discretion of the SIO for reasons based on the individual's proficiency, experience, or previous qualifications. (T-2)

2.4.3. The individual will attain BQ status upon the successful completion of a qualification evaluation (QUAL). QUAL consists of successfully passing MQF tests on IQT knowledge and satisfactory completion of all IQT task items. Personnel completing in-unit IQT will be evaluated according to the same criteria as individuals completing the formal IFTU course. Evaluation and qualification is addressed in 14-2B-52, Volume 2, *B-52 Unit Intelligence Evaluation Criteria*. (T-2)

Figure 2.1. Path to BQ.



2.4.4. Personnel in IQT will perform intelligence functions under qualified supervision until completing the qualification evaluation (QUAL). (T-2)

Chapter 3

MISSION QUALIFICATION TRAINING

3.1. General. MQT is training necessary to qualify intelligence personnel in assigned duty positions supporting B-2 missions/operations. Guidance in this chapter is provided to assist SIOs in developing and executing their MQT program. MQT execution will take into account the assigned duty position, current qualifications, prior experience, currency, documented performance and/or formal training of each individual. MQT can be accomplished through internal training sessions, external courses, or one-on-one instruction from a qualified trainer or supervisor. Applicable portions of MQT will be used to create a re-qualification program for personnel who have regressed from BMC/CMR to specifically address deficiencies which caused regression. (T-2)

3.2. Timelines. MQT timing starts within 60 days (90 days for IMAs) of the individual's first duty day at the gaining unit. If personnel take leave prior to being entered into MQT, the timing will begin on the first duty day upon returning from leave. For first term airmen being entered into MQT, the timing will begin upon completion of the First Term Airman Course (or equivalent) at their gaining unit. If the individual has not attended the IFTU and will complete local IQT, MQT will begin after the completion of IQT. In special situations as determined by the SIO, intelligence personnel may begin MQT before completion of IQT and award of BQ status where training events and timelines make this option practical. MQT is complete upon successful accomplishment of MQT tasks, a successful initial mission evaluation (INIT MSN) IAW AFI 14-2B-52, Volume 2 and AFI 14-202, Volume 2, and SIO indorsement as BMC or CMR, as appropriate. (T-2)

3.2.1. For active duty personnel, MQT will be completed within 120 days. Notify MAJCOM/A2 if training exceeds this timeline. (T-2)

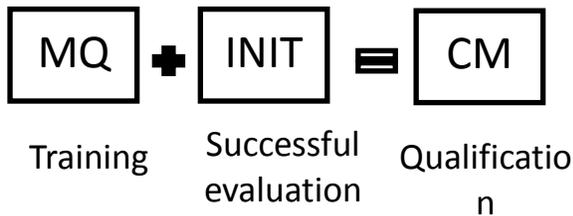
3.2.2. For IMAs and reserve personnel, notify MAJCOM IMA Program Manager and Air Force Reserve Command (AFRC)/A2 if training exceeds 180 calendar days. Assigned IMAs will be trained and equipped to established command standards for the positions they will assume. (T-2)

3.2.3. MAJCOM/A2s will consolidate unit reporting of personnel exceeding allowable times lines and notify AFGSC/A2 on an annual basis. (T-2)

3.3. Training Completion and Qualification. Completion of MQT tasks will be annotated on the AF Form 4381 in coordination with AF/A2 approved processes regarding on-line documentation. Specific B-52 MQT Intelligence Gradesheet task elements are listed in attachment 4. (T-2)

3.3.1. Personnel are certified BMC/CMR upon successful completion of MQT, a successful initial mission qualification evaluation (INIT MSN) IAW AFI 14-202, Volume 2, and AFI 14-2B-52, Volume 2, and endorsement from the SIO. Reference AFI 14-2B-52, Volume 2, for a more detailed explanation of evaluations. (T-2)

Figure 3.1. Path to CMR/BMC.



3.3.2. Personnel in MQT may perform intelligence functions under supervision before completing the MSN evaluation. The level of supervision is at the SIO's discretion. Personnel in MQT may participate in exercises, and be signed off for appropriate tasks, if supervised by qualified personnel while performing intelligence functions. Personnel in MQT may complete other local area orientation and training while completing MQT. (T-2)

3.4. Knowledge and Task Training (MQT). Units will develop blocks of instruction, derived from MAJCOM-provided and unit-developed training materials, covering areas pertinent to the mission as determined by the SIO. Unit MQT programs will include all unique local area procedures and will ensure the trainee is able to demonstrate knowledge and task proficiency IAW evaluation criteria outlined in AFI 14-2B-52, Volume 2. The MQT program for all B-52 intelligence personnel will include, but not be limited to, the following areas and concepts. (T-2)

3.4.1. Required MQT Knowledge Areas. Trainees must demonstrate knowledge specific to unit missions by successfully completing closed book tests from the unit MQF (85 percent minimum to pass) on each of the following knowledge areas. (T-2)

3.4.1.1. B-52 Weapons Systems Academics. Event objective: The trainee will demonstrate an understanding of the unit's specific B-52 weapons system to include: Offensive and Defensive weapon systems, radar warning receiver capabilities, and expendable countermeasures systems. Specific tasks: Demonstrate understanding of the unit's specific B-52 capabilities and limitations with regard to the unit's missions.

3.4.1.2. Intelligence Support to the Nuclear Mission. Event objective: The trainee will demonstrate an understanding of intelligence support requirements for the nuclear mission. The trainee will understand the procedures for receiving, analyzing, researching, and producing mission materials in support of the B-52s nuclear mission. Specific tasks: The trainee will explain special security requirements associated with receipt, handling, and transmission of nuclear mission materials. The trainee will demonstrate understanding of intelligence support requirements to the nuclear mission.

3.4.1.3. Area of Responsibility (AOR) Threat Training. Event objective: The trainee will demonstrate comprehension of applicable enemy/blue/gray threats to include electronic warfare, aircraft, air-to-air missiles, surface-to-air missiles (SAMs) and anti-aircraft artillery (AAA) capabilities, limitations and employment techniques. Specific tasks: Demonstrate detailed understanding of AOR threats, related to the B-52 capabilities and limitations.

3.4.1.4. Research, Analysis and Dissemination (RAD) and Intelligence Preparation of the Operational Environment (IPOE). Event Objective: The trainee will demonstrate proficiency in researching, analyzing and disseminating tailored intelligence through reports and briefings as well as the IPOE process, including the analytical methodology

employed and the methods used to present the results of the analysis. Specific tasks: Review intelligence systems (e.g., Unit Level/Unit Command and Control Intelligence systems), programs and sites used to support B-52 operations. The SIO will determine specific AOR threat environments to be used. Use additional resources available to the unit for researching, analyzing, and disseminating intelligence concerning major potential threat adversaries, to include military, political, geographic and asymmetric threats. Follow correct security and foreign disclosure procedures. Appropriately submit requests for information (RFIs). The trainer will introduce and explain the key players in the local flow of intelligence and explain order of battle production responsibilities.

3.4.1.5. Intelligence Support to Personnel Recovery (PR). Event objective: The trainee will demonstrate knowledge of theater specific techniques, academics, Isolated Personnel Report (ISOPREP) requirements, and evasion plan of action (EPA) requirements. Understand the PR training which will prepare personnel including all pilots and expeditionary combat support (ECS) personnel requiring PR support, for the possibility of survival, evasion, captivity, escape and recovery in hostile territory. Assist assigned Survival, Evasion, Resistance and Escape (SERE)/PR personnel with aircrew refresher training, where applicable. The trainee will understand the requirements for alternate recovery base (ARB)/secure reserve force (SRF) kits. Specific tasks: Demonstrate understanding of role of intelligence personnel in PR.

3.4.1.6. Intelligence Support to Force Protection (FP). Event objective: The trainee will demonstrate understanding of principles and procedures of intelligence integration in force protection. Specific tasks: Explain intelligence principles and procedures for force protection. Summarize hostile forces in AOR and other Hot Spot areas. Give examples of hostile forces tactics and weapons employment. Identify intelligence force protection resources. Describe Terrorist Threat Levels. Demonstrate understanding of unit force protection considerations. Successfully complete closed book test from unit MQF (85 percent minimum to pass).

3.4.1.7. Visual Recognition (VR). Event objective: The trainee will visually identify enemy/blue/gray air, ground and naval weapon systems specific to the area of operation (AO). Specific tasks: Demonstrate ability to visually identify aircraft (rotary and fixed-wing, including joint/allied assets) by North Atlantic Treaty Organization (NATO) designation, name or numerical designator and determine whether the aircraft is a threat or non-threat. Training should incorporate all aspects/angles, theater-specific paint schemes/fin flashes, and various configurations. Determine major categories of naval vessels and ground equipment (e.g. AAA, tanks, self-propelled artillery, etc.) as applicable to the AO. Successfully complete timed visual recognition test via visual presentation system (85 percent minimum to pass).

3.4.2. Required MQT Performance Tasks. Training will ensure the trainee is able to accomplish tasks IAW evaluation criteria outlined in AFI 14-2B-52, Volume 2. (T-2)

3.4.2.1. Manual Order of Battle (OB). Event objective: The trainee will demonstrate proficiency in constructing, posting, updating and quality controlling order of battle displays and strike displays without automated intelligence system support IAW unit established order of battle and strike display standards. The trainer will discuss the specific electronic warfare air order of battle threat requirements pertinent to the global

strike mission execution. Specific tasks: Plot order of battle using correct symbology (MIL STD 2525C, *Common Warfighting Symbology*, and US Army Field Manual, FM 1-02, *Operational Terms and Graphics*, extract military grid reference system (MGRS) and geographic coordinates (GEOCOORDS). Demonstrate understanding of order of battle production responsibilities for the AOR.

3.4.2.2. Automated OB. Event objective: The trainee will demonstrate proficiency in using intelligence support systems to download, construct, post, update and quality control automated order of battle displays and strike displays and perform coordinate conversion. The trainer will discuss the specific electronic warfare air order of battle threat requirements pertinent to the global strike mission execution. Specific tasks: Exploit intelligence software applications to post and maintain order of battle; create strike displays; and convert MGRS coordinates and GEOCOORDS.

3.4.2.3. Changeover Briefing. Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting a changeover briefing. Specific tasks: Organize, prioritize and present key information at shift changeover. Provide incoming personnel a summary of events to prepare them for their shift. Include issues requiring immediate attention, pending tasks, personnel and equipment problems, work center status and briefing times. Deliver changeover briefing IAW local timelines, format and content requirements.

3.4.2.4. Deployment Briefing. Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting a deployment briefing. Specific tasks: Demonstrate understanding of unit operations plan/operations order (OPLAN/OPORD) and/or AEF tasking by researching, analyzing, and tailoring intelligence information to the unit's specific mission, roles and combat profiles. Include a synopsis of the military and political situation that necessitated the deployment, enemy activity and force disposition (air, ground and naval, as applicable) in the AOR and along deployment route, enemy tactics and employment strategies, potential and or anticipated enemy reactions to the deployment, possible en-route hazards to flight, bailout or alternate landing issues (for hostile, friendly and neutral areas), known threats (terrorist or regular military forces) in vicinity of bed down location, reporting instructions and essential elements of information (EEI) and additional items, as dictated by the local situation. Deliver deployment briefing IAW prescribed local timelines, format and content requirements.

3.4.2.5. Initial Situation/Situation Briefing. Event objective: The trainee will demonstrate proficiency in developing, coordinating and conducting both an initial situation and a situation update briefing. Specific tasks: Demonstrate proficiency in researching, analyzing and briefing the situation and providing the latest intelligence to assist the commanders, staff and aircrew in their decision-making. For the initial situation briefing, present major events leading up to the crisis, any national decisions, enemy force disposition, and probable enemy courses of action (COAs). For the situation briefing, describe the current situation, enemy force disposition (ground, air and air defense, naval, asymmetric, as applicable), local area situation (e.g., terrorist activity, asymmetric threats, etc.), anticipated enemy reactions, and additional items indicated by the local situation (terrorism, sabotage, asymmetric threats, etc.). Deliver the initial

situation and situation briefing IAW prescribed local timelines, format, and content requirements.

3.4.2.6. Air Tasking Order/Air Control Order/Special Instructions/Joint Integrated Prioritized Target List (ATO/ACO/SPINS/JIPTL). Event objective: The trainee will demonstrate proficiency in identifying and breaking out the applicable elements of the ATO/ACO/SPINS/JIPTL. Specific tasks: Identify and extract unit tasking, air space control, combat search and rescue (CSAR), target data and information from air tasking orders/messages, JIPTL and SPINS. Demonstrate breakout of ATO/ACO/SPINS/JIPTL with both manual and automated techniques and tools IAW prescribed local timelines and format requirements.

3.4.2.7. Mission Planning Cell (MPC) Initial Situation Briefing (a.k.a. Fragmentary (FRAG) Drop Briefing). Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting an MPC initial situation briefing. Specific tasks: The trainee will demonstrate proficiency in providing MPC initial situation briefing to include: A review of the tactical problem/scenario, the ATO fraggged assets, the target [significance, location, desired mean point of impact (DMPI), imagery, etc.], fraggged weapons, threat and environment considerations [integrated air defense system (IADS), aircraft, air-to-air missiles, SAM, AAA, tactics, terrain, weather], provide route/avenues of approach recommendation, and describe mission package contents. The trainee will deliver MPC initial situation briefing IAW prescribed local timelines, format and content requirements.

3.4.2.8. Feasibility/Capability (FEASCAP) Briefing. Event objective: The trainee will demonstrate proficiency in providing intelligence support to the planning, coordination, and conduct of the Wing/Operations Group Commander's FEASCAP Meeting. Specific tasks: Modify the initial situation briefing and prepare meeting materials to include the intelligence portion of the FEASCAP briefing. Conduct the predictive analysis necessary to support the mission. Deliver the intel portion of the FEASCAP briefing agenda IAW prescribed local timelines, format and content requirements. The briefing can include but is not limited to the following items: Early Warning/Ground Control Intercept (EW/GCI) threats; threat areas to consider [prior to entry into hostile airspace, crossing Forward Edge of the Battle Area (FEBA)/border/coast]; ingress, egress: threats to include fighters, SAMs, etc, mission support type required [i.e. fighter combat air patrols (CAPs), suppression of enemy air defense (SEAD)]; other briefing items, i.e. show-stoppers, biggest threats to mission, recommended axis of attack]; and targeting information, to include imagery and target significance.

3.4.2.9. Mission Planning Cell Support. Event objective: The trainee will demonstrate proficiency in providing intelligence products and mission materials to support the mission planning cell. Specific tasks: The trainee will recommend mission routes based on threat analysis, target and aimpoint analysis, and recommend initial points (IPs), offset aimpoints (OAPs) and way points. The trainee will obtain required imagery and produce tailored target area imagery products with appropriate scaling to match the B-52 mission. The trainee will include, as applicable: threat and target area radar Line-Of-Sight (LOS) plots utilizing mission planning software; Terminal Area Models (TAM) for Joint Air-to-Surface Standoff Missile (JASSM) mission packages; charts or imagery; all required aircrew debrief sheets and materials. The trainee will demonstrate proficiency in

utilizing mission planning software to construct mission materials, verify tasked mensurated coordinates and support the mission planning cell, as appropriate.

3.4.2.10. Combat Mission Folder Construction. Event objective: The trainee will demonstrate proficiency in constructing a combat mission folder. Specific tasks: The trainer will explain the key concepts in local combat mission folder construction, identify the intelligence components of a combat mission folder, and will demonstrate the process of constructing a B-2 combat mission folder. The trainer will demonstrate how to construct a radar prediction to assist with combat mission folder construction. The trainer will introduce offset aimpoints (OAPs) and demonstrate how to construct the appropriate products for OAPs. The trainer will introduce the master chart process to portray the assigned routes with required way points and threats. The trainer will cover pilot timing display, bomb display, post-strike base cut out and aim point graphics. The trainee will construct a combat mission folder that includes products for OAPs and the master charts. The trainee will recommend mission route based on threat and terrain analysis, target and aimpoint analysis, and recommend initial points (IPs), OAPs and way points. The trainee will obtain required imagery and produce tailored target area imagery products with appropriate scaling to match the B-2 synthetic aperture radar (SAR) map and GPS-Aided Targeting System (GATS). Include all required debrief sheets and materials. The trainee will demonstrate proficiency in using mission planning software to construct required combat mission folder products.

3.4.2.11. Aim Point Graphic. Event objective: The trainee will demonstrate proficiency in constructing and storing an aim point graphic and supporting materials. Specific tasks: the trainee will demonstrate proficiency in annotating the required descriptive data and features to produce an aim point graphic ready for mission planning and operations. The trainee will also demonstrate understanding of the storage procedures for the aim point graphics and aim point catalog maintenance. The trainee will produce an aim point graphic IAW with prescribed local timelines and procedures.

3.4.2.12. Weaponing. Event objective: The trainee will demonstrate proficiency in developing weaponing solutions for B-52 tasked targets. Specific tasks: The trainer will introduce target development processes, force application, target databases, and request for information (RFI) procedures. The trainer will also discuss how software modeling can contribute to proper selection of weapons for tasked targets and describe/demonstrate the utility of multiple software tools to include Joint Munitions Effectiveness Manual (JMEM), Joint Weaponing System (JWS), Targeting Application Workstation (TAW), and Integrated Munitions Effects Assessment (IMEA). Additionally, the trainer will introduce targeting reference documents, to include the JMEM, bombs and fuses and then introduce Digitized Point Positioning Database (DPPDB) and point mensuration application systems. The trainee will identify the targeting cycle and the impact on unit mission planning. The trainee will develop weaponing solutions for tasked targets and demonstrate proficiency in using applicable weaponing software.

3.4.2.13. Pre-Take Off Briefing (PTOB). Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting a PTOB. Specific tasks: Appropriately research and analyze intelligence relevant to the PTOB. Provide a synopsis of the overarching conflict situation since the last briefing, target information,

the situation in the target area, en route and target area threats (SAM/AAA/air/naval/laser and spectral interference threats/etc.), and other factors essential to mission success. Deliver PTOB IAW prescribed local timelines, format and content requirements.

3.4.2.14. Assumption of Alert Briefing. Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting an assumption of alert briefing. Specific tasks: Appropriately research and analyze intelligence relevant to the assumption of alert briefing. Provide aircrews an assumption of alert briefing which includes the general situation since the last briefing, target information, general situation in the target area, en route and target area threats (SAM/AAA/air/naval/laser and spectral interference threats/etc.), and other factors essential to mission success. Deliver assumption of alert briefing IAW prescribed local timelines, format and content requirements.

3.4.2.15. Step Briefing. Event objective: The trainee will demonstrate proficiency in developing, coordinating and conducting a step briefing. Specific tasks: Construct and deliver a briefing that highlights changes since the PTOB. Appropriately identify, research and analyze intelligence updates that may include: target changes (name, location, significance), new DMPIs or joint designated points of impact (JDPIs), new threats (air, air defense, ground, etc.), Evasion Plan of Action (EPA) changes, latest threat update code (TUC), and any other changes impacting the mission. Deliver step briefing IAW prescribed local timelines, format and content requirements.

3.4.2.16. Debriefing. Event objective: The trainee will demonstrate proficiency in planning, coordinating and conducting a debriefing. Specific tasks: Extract relevant mission intelligence from aircrews. Ask amplifying questions relevant to the mission. Identify time-sensitive information and disseminate appropriately and expediently.

3.4.2.17. Intelligence Reports. Event objective: The trainee will demonstrate proficiency in developing and transmitting accurate mission reports (MISREPs) and other applicable intelligence reports as required by local directives. Specific tasks: Generate, review, validate and transmit hard- and soft-copy intelligence reports. Ensure thorough and concise products meet requirements from the theater intelligence reporting directive. In the event there is not a theater reporting directive, use the US Message Text Format (USMTF).

Chapter 4

CONTINUATION TRAINING

4.1. General. This chapter outlines intelligence CT requirements for BMC and CMR intelligence personnel. There are two aspects of CT: internal intelligence training and the Ready Intel Program (RIP). RIP consists of specific mission-related training required to accomplish the unit's assigned missions. RIP is designed to focus training on capabilities needed to accomplish the unit's tasked missions.

4.2. Internal Intelligence Training Program. Internal intelligence training consists of basic intelligence task and knowledge items. These training topics ensure familiarization with over-arching intelligence principles and skills, local unit intelligence functions, B-52 capabilities and threat system capabilities.

4.2.1. The Intelligence Personnel Training Program (IPTP) Manager will develop an internal intelligence training plan that includes all training items for each intelligence duty position in the unit. IPTP Managers may use lead-MAJCOM-provided training materials or other resources, as needed, to provide the most effective and efficient training. (T-2)

4.2.2. Internal intelligence training that is not part of qualification training may be conducted, led or trained by personnel who are not qualified Intelligence Trainers (IT). (T-2)

4.2.3. The internal intelligence training program will cover, at a minimum: (T-2)

4.2.3.1. B-52 Capabilities – to include avionics, munitions, tactics, mission types and capabilities and limitations, and the employment of nuclear weapons.

4.2.3.2. Mission Taskings – to include review of wing-supported OPLANs, assigned mission statements, AORs, objectives and Annex B requirements, overview of the wing's mission statement and how it integrates into fulfilling USSTRATCOM/AFGSC/TF-204 directives.

4.2.3.3. Threat Knowledge – to include potential adversary aircraft, SAMs, AAA, naval and ground threat system capabilities and limitations with respect to B-52 operations.

4.2.3.4. Visual Recognition – to include identification features of friendly and enemy threat systems.

4.2.3.5. Intelligence Systems – to include OB maintenance, mission planning, imagery retrieval, and reporting software applications.

4.2.3.6. Order of Battle – to include manual plotting, automated OB update procedures, unit checklists/standards for OB maintenance.

4.2.3.7. Briefing – to include preparing and conducting current intelligence, deployment, initial situation, situation, FEASCAP, pre-take-off, assumption of alert and step briefings.

4.2.3.8. Mission Planning – to include ATO/ACO/SPINS/JIPTL breakout, mission planning software applications, combat mission folder construction, basic targeting and weaponeering solutions.

4.2.3.9. Debriefing – to include theater specific requirements, techniques and applicable follow-on questions.

4.2.3.10. Reporting – to include theater intelligence reporting directives, software applications and transmitting.

4.2.3.11. Personnel Recovery (PR) – to include theater-specific techniques, academics, ISOPREP requirements, and EPA requirements. In the event that a SERE Instructor is assigned/available at the unit, they will construct and provide this MQT training

4.2.3.12. Force Protection (FP) – to include intelligence principles and procedures for force protection; summary of hostile forces in AOR and other hot spot areas; examples of hostile forces tactics and weapons employment; intelligence FP resources; terrorist threat levels; unit FP considerations.

4.2.4. Internal intelligence training examinations will be compiled from the MQF, as a minimum. The Intelligence Personnel Training Program Manager should augment the MQF with specific questions relevant to the unit's mission. (T-2)

4.3. Ready Intelligence Program. The RIP consists of specific mission-related training required to accomplish the unit's tasked missions. The intent of RIP is to ensure intelligence personnel perform specific mission-essential tasks with sufficient frequency to maintain proficiency in their duty positions. In order to maximize training opportunities and minimize artificiality, RIP tasks should be conducted in conjunction with day-to-day missions as much as possible. Individuals are responsible for documenting RIP task completion. (T-2)

4.3.1. The standard task requirements listed in Tables 4.1 and 4.2, B-2 Ready Intelligence Program Currency Requirements, establish the minimum frequency requirement for BMC and CMR personnel. Failure to accomplish these requirements will affect the individual's BMC or CMR currency status. Any additional training requirements will be determined by the SIO. (T-2)

4.3.2. Intelligence personnel must complete appropriate RIP tasks and successfully accomplish periodic mission qualification evaluations (MSNs) IAW AFI 14-202, Volume 2, and AFI 14-2B-2, Volume 2 to maintain currency and qualification. If an intelligence specialist loses currency in a particular area, the individual may not perform that task unsupervised until currency is regained. (T-2)

4.4. Currency. Table 4.1 and Table 4.2 define frequency requirements for all intelligence personnel required to maintain current BMC or CMR status. Intelligence personnel must demonstrate proficiency in all delinquent RIP items with an SIO-designated supervisor to regain currency. For example, if an individual accomplished a quarterly RIP item (e.g., Debriefing) on 15 Jan 14, he/she must accomplish that task again by 15 Jul 14 to remain current. If the task is not completed within the specified timeframe, the individual becomes non-current and must demonstrate proficiency of the task with an SIO-designated supervisor prior to conducting the task unsupervised. (T-2)

Table 4.1. B-52 Ready Intelligence Program Currency Requirements for Operations Intelligence Personnel.

SUBJECT	Frequency to Maintain CMR Status	Frequency to Maintain BMC Status
Manual OB	Semi-annually	Annually
Automated OB	Semi-annually	Annually

Changeover Briefing	Annually	Annually
Deployment Briefing	Annually	Annually
Initial Situation/Situation Briefing	Annually	Annually
ATO/ACO/SPINS/JIPTL Breakout	Semi-annually	Annually
FEASCAP Briefing or Assumption of Alert Briefing	Semi-annually	Annually
Weaponneering	Semi-annually	Annually
PTOB	Quarterly	Annually
Step Briefing	Quarterly	Annually
Debriefing	Quarterly	Annually
Intelligence Reports	Quarterly	Annually

Table 4.2. B-52 Ready Intelligence Program Currency Requirements for Target Intelligence Personnel.

SUBJECT	Frequency to Maintain CMR Status	Frequency to Maintain BMC Status
Manual OB	Annually	Annually
Automated OB	Annually	Annually
Changeover Briefing	Annually	Annually
Deployment Briefing	Annually	Annually
ATO/ACO/SPINS Breakout	Semi-annually	Annually
MPC Initial Situation Briefing	Semi-annually	Annually
Weaponneering	Quarterly	Annually
Mission Planning Cell Support	Quarterly	Annually
PTOB	Quarterly	Annually
Step Briefing	Annually	Annually
Debriefing	Annually	Annually
Intelligence Reports	Annually	Annually

4.5. Re-qualification. Intelligence personnel are unqualified upon expiration of their qualification evaluation. This includes specialized qualifications. For all intelligence personnel re-qualification requirements are as follows: (T-2)

4.5.1. Unqualified up to 2 Years. Complete training in all delinquent items, additional training as directed by the SIO, and successful MSN evaluation.

4.5.2. Unqualified over 2 Years. Re-accomplish MQT and the INIT MSN evaluation.

4.6. Regression. If an intelligence specialist does not meet currency requirements throughout the training cycle, the SIO may direct the specialist be regressed to N-BMC/N-CMR/ (as applicable). Regression and the steps taken to correct the situation will be documented in a memorandum for record in the individual's qualification training and evaluation record. (T-2)

4.6.1. BMC/CMR intelligence specialists regressed to N-BMC/N-CMR/ for failing to remain current must complete an SIO-approved recertification program returning to BMC/CMR status. The tasks accomplished during the re-certification program may be credited toward task requirements for the training cycle. (T-2)

4.6.2. Individuals must re-attain/attain CMR currency prior to deployment. (T-2)

4.7. Proration of End-of-Cycle Requirements. Prorate training requirements IAW AFI 14-202, Volume 1, Intelligence Training. (T-2)

Chapter 5

SPECIALIZED TRAINING

5.1. Specialized Training (ST) Programs. This chapter outlines ST programs for specialized qualifications. These qualifications consist of areas necessary to achieve the unit mission but are not required of all intelligence personnel assigned or attached to the unit. These programs are intended to provide the SIOs the minimum approved ST programs for individuals with no previous qualifications and may be tailored for intelligence personnel with current qualifications, prior experience, currency, documented performance or formal training.

5.1.1. The Intelligence Personnel Training Program Manager will ensure specialized training is documented on AF Form 4381 and recorded appropriately in coordination with AF/A2 approved processes regarding on-line documentation. (T-2)

5.1.2. Evaluations will be conducted IAW AFI 14-202, Volume 2 and AFI 14-2B-52, Volume 2. (T-2)

5.2. External Intelligence Trainer (EIT) Specialized Training. This program establishes the minimum guidelines for intelligence personnel identified by the SIO to progress to EITs within the unit. Only qualified EITs may conduct unsupervised external intelligence training. Currency requirements apply to maintain this specialized qualification; see Table 5.1. (T-2)

5.2.1. Requirements. Intelligence personnel selected for EIT specialized training must: (T-2)

5.2.1.1. Be mission qualified (i.e. BMC or CMR).

5.2.1.2. Be designated by the SIO to perform in one or more of the profiles listed below.

5.2.1.3. Complete the requirements for EIT 1, in addition to the applicable unit-developed EIT profiles. Flying squadron-assigned/attached personnel must complete all EIT profiles. Units may add considerations/techniques for specialized training to applicable areas.

5.2.1.4. Successfully complete applicable subject-specific test(s) from the MQF question bank (85 percent minimum to pass).

5.2.1.5. Intelligence personnel who are graduates of USAF Weapons School and have been awarded the “W” prefix and are current and qualified (BMC or CMR) are considered automatically qualified as EITs. Currency requirements apply.

5.2.2. External Intelligence Trainer Profiles.

5.2.2.1. EIT 1 – External Intelligence Training Concepts and Methods. Event objective: The trainee will become familiar with the various instruction concepts and methods available to fulfill EIT requirements. Specific tasks: The trainer will introduce types of briefings, techniques and academic scenarios typical of EIT. The trainee will demonstrate an understanding of how to establish EIT requirements, to include formats and minimum standards, as cited in AFI 142B-52, Volume 3, *B-52 Unit Intelligence Procedures*. The trainee will ensure that all instruction delivered is relevant and related to the B-52 capabilities and limitations. (T-2)

5.2.2.2. EIT 2 – Threat Training. Event objective: The trainee will demonstrate knowledge of AOR threats and proficiency in establishing aircrew threat training requirements (to include formats and minimum standards as cited in AFI 14-2B-52, Volume 3) and the ability to deliver threat training instruction sessions to aircrew. Specific tasks: The trainer will introduce types of briefings and academic scenarios typical of aircrew intelligence training, to include threat of the day (TOD) and hotspot briefings. The trainee will plan, develop and present a threat training instruction session. (T-2)

5.2.2.3. EIT 3 – Collection and Reporting (C&R). Event objective: The trainee will demonstrate proficiency in preparing and delivering a C&R briefing for aircrew. Specific tasks: The trainer will introduce instruction techniques for C&R requirements to enable aircrew to initiate aircrew-originated reports [In-flight Report (INFLTREP), etc.] and will familiarize them with the information requirements of the intelligence-generated MISREP, Intelligence Report (INTREP) and other reports, as required locally. The trainee will develop and present a C&R briefing. Briefing requirements include aircrew-originated reports (e.g. INFLTREP), intelligence-generated reports (MISREP, INTREP, etc.) and EEIs. (T-2)

5.2.2.4. EIT 4 – Visual Recognition (VR). Event objective: The trainee will demonstrate proficiency in developing enemy/blue/gray Visual Recognition aircrew training. The trainee will demonstrate proficiency in establishing aircrew VR training requirements (to include formats and minimum standards as cited in AFI 14-2B-52, Volume 3 and developing and presenting a VR training session. Specific tasks: The trainer will introduce instruction techniques for VR of enemy/blue/gray weapons systems mandated by unit training programs. The trainee will develop and present a VR training session for aircrew. Training should include aircraft, surface threat and naval vessel recognition features, incorporating all aspects/angles, theater-specific paint schemes/fin flashes, and various configurations/weapons loadouts, as applicable, along with the name or numerical designator of all enemy/blue/gray weapons systems presented. The trainee will demonstrate proficiency in visually recognizing enemy/blue/gray equipment by successfully completing a VR test (85 percent minimum to pass). (T-2)

5.2.2.5. EIT 5 – Personnel Recovery (PR) Training. Event objective: The trainee will demonstrate proficiency in developing instructional material in coordination with tactics, aircrew flight equipment and SERE personnel and providing academic instruction on PR processes and Code of Conduct Continuation Training. Specific tasks: The trainer will introduce instruction techniques for PR. The trainee will coordinate with appropriate personnel to develop and present an aircrew PR training session. Briefing requirements include Code of Conduct Continuation Training, theater PR procedures, local procedures for ISOPREPS, EPA preparation, and PR kit composition, etc. For units with an assigned SERE specialist (1TOX1) this block may be omitted or tailored if intelligence personnel do not provide any or only portions of PR related training to aircrew per an established and AFGSC/A2 approved memorandum of agreement (MOA) that defines the responsibilities between SERE and intelligence staffs. Intelligence personnel are not and will not be responsible for maintaining ISOPREPs or Blood Chit material but will be fully conversant on unit procedures for training purposes. (T-2)

5.2.3. References. Ensure AFTTP 3-1.Threat, *Threat Reference Guide and Countertactics*, is the primary reference for threat knowledge training and ensure this training is current with the latest edition. Ensure AFTTP 3-1.20, Tactical Employment-B-52, is the primary reference for B-52 knowledge training and ensure this training is current with the latest edition. These AFTTP volumes can be supplemented with other classified and unclassified authoritative publications such as National Air and Space Intelligence Center (NASIC) products, Tactics Bulletins, Tactics Analysis Reports, Country Studies, etc., provided the source is appropriately referenced. Ensure AFI 16-1301, *Survival, Evasion, Resistance, and Escape (SERE) Program*, is used to conduct PR training. (T-2)

5.2.4. EIT Evaluation. EIT evaluations will be conducted IAW AFI 14-202, Volume 2 and AFI 14-2B-52, Volume 2. Personnel are qualified as EITs upon successful completion of required tasks, an initial EIT evaluation (INIT EIT) and endorsement from the SIO. Only intelligence evaluators (IEs) may conduct INIT EIT and EIT evaluations. All EITs must be certified prior to conducting unsupervised training. It may be beneficial to certify an individual to conduct training in one or more events, but not require full EIT qualification. Before such action is taken, the individual must complete the specific training identified for the event and be evaluated on the task/briefing element by an IE. (T-2)

5.2.5. EIT Currency. Table 5.1, External Intelligence Trainer Event Currencies, defines currency requirements for all intelligence personnel required to maintain current EIT status. The individual must maintain currency for the subject matter according to these tables and must also successfully complete periodic EIT evaluations IAW AFI 14-202, Volume 2, and AFI 14-2B-52, Volume 2. If an EIT loses currency in a particular area, the individual may not perform training unsupervised until currency is regained. To regain currency, EITs must satisfy overdue training requirements while supervised by another EIT current and qualified in the same training requirement. (T-2)

Table 5.1. External Intelligence Trainer Event Training and Currencies.

Event	Specialized Training	Currency Requirement
Threat Training	Complete EIT 1 and EIT 2 and specific tasks. INIT EIT Evaluation	Instruct 1 threat training briefing per 3 month period (Quarterly)
Collection and Reporting (C&R) Training	Complete EIT 1 and EIT 3 and specific tasks. INIT EIT Evaluation	Instruct 1 C&R training event per 12 month period (Annually)
Visual Recognition (VR) Training	Complete EIT 1 and EIT 4 and specific tasks. Pass VR test INIT EIT Evaluation	Instruct 1 VR training event per 6 month period (Semi-annually)
Personnel Recovery (PR) Training	Complete EIT 1 and EIT 5 and specific tasks INIT EIT Evaluation	Instruct 1 PR training event per 12 month period (Annually)

5.3. Nuclear Mission Support (NMS) Specialized Training. This program establishes the minimum guidelines for intelligence personnel identified by the SIO as responsible for providing nuclear mission support (NMS) within the unit. Only qualified Nuclear Support Mission Specialists (NSMS) may conduct unsupervised intelligence support for nuclear missions.

Currency requirements and periodic evaluation requirements apply to maintain this specialized qualification; see Table 5.2. (T-2)

5.3.1. Requirements. Intelligence personnel selected for NSMS specialized training must: (T-2)

5.3.1.1. Be mission qualified (i.e. BMC or CMR).

5.3.1.2. Complete the following unit-developed NSMS profile. Units may add considerations/techniques for specialized training to applicable areas.

5.3.2. NMS Training Profile. Event objective: The trainee will demonstrate proficiency in receiving, analyzing, researching, and producing mission materials in support of the B-52’s nuclear mission. Specific tasks: The trainee will use mission planning skills to support the nuclear mission. The trainee will develop and present a representative mission package. The trainee will explain special security requirements associated with receipt, handling, and transmission of strategic nuclear materials. Successfully complete a subject-specific test from the MQF (85 percent minimum score to pass). (T-2)

5.3.3. NMS Currency. Table 5.2., Nuclear Mission Support Event Currencies, defines currency requirements for all intelligence personnel required to maintain current NMS status. NMSs must also successfully complete periodic NMS evaluations (NMS) IAW AFI 14-2B-52, Volume 2. If an NMS loses currency in a particular area, the individual may not perform training unsupervised until currency is regained. To regain currency NMSs must satisfy overdue training requirements while supervised by another current and qualified NMS. (T-2)

Table 5.2. Nuclear Mission Support Event Training and Currencies.

Event	Specialized Training	Currency Requirement
Nuclear Mission Support	Complete NMS and specific tasks. INIT NMS Evaluation	Construct/update mission materials for 1 nuclear B-52 mission per 6 month period (Semi-Annually)

5.4. Targeteer/Weaponer Specialized Training (TWST). This program establishes the minimum guidelines for intelligence personnel identified by the SIO to progress to providing specialized targeting and weaponer intelligence support within the unit. Only certified TWSTs may conduct unsupervised specialized targeting and weaponer intelligence support. Currency requirements and periodic evaluation requirements apply to maintain this specialized qualification; see Table 5.3. (T-2)

5.4.1. Requirements. Intelligence personnel selected for TWST must: (T-2)

5.4.1.1. Be current and qualified in their training status (BMC or CMR).

5.4.1.2. Complete the following unit-developed TWST profiles. Units may add considerations/techniques for specialized training to applicable areas.

5.4.2. TWST training profiles.

5.4.2.1. TWST 1 - Mission Planning Cell Materials. Event objectives: Introduce unit mission planning processes to include ATO/ACO/SPINS breakout, plotting targets,

obtaining target materials, coordinating mission materials, assembling and quality-controlling mission packages. Specific tasks: Identify and plot unit tasking and obtain necessary mission materials.

5.4.2.2. TWST 2 - Point Mensuration. Event objectives: Introduce AF and national standards for acquiring, deriving, rendering and verifying mensurated points. Introduce Digital Point Positioning Data Base (DPPDB), TAW, Common Geoposition System (CGS), and other unit-unique mensuration systems, as applicable. Specific tasks: Given a limited scenario and available data base and materials, validate a representative number of points to support a B-52 mission (i.e. verifying coordinates selected for strike, support Weapons and Tactics in offset aimpoint selection and/or navigation aids). Note: This upgrade does not certify personnel as National Geospatial Intelligence Agency (NGA) point-mensuration-qualified. Contact AFGSC for requirements for NGA certification.

5.4.2.3. TWST 3 - Weaponeering. Event objective: Introduce targeting reference documents, to include the JMEM, bombs and fuses. Specific tasks: develop weaponeering solutions for a representative number of tasked targets and a variety of target types.

5.4.3. TWST Currency. Table 5.3, Targeting/Weaponeering Specialized Training Events and Currencies, defines currency requirements for all intelligence personnel required to maintain current TWST status. TWSTs must also successfully complete periodic TWST evaluations IAW AFI 14-2B-52, Volume 2. If a TWST loses currency in a particular area, the individual may not perform training unsupervised until currency is regained. To regain currency TWSTs must satisfy overdue training requirements while supervised by another current and qualified TWST. (T-2)

Table 5.3. Targeting/Weaponeering Specialized Training Events and Currencies.

Event	Specialized Training	Currency Requirement
MPC Materials	Complete TWST 1 and specific tasks. INIT TWST Evaluation	Construct MPC materials for a B-52 mission per 3 month period (Quarterly)
Point Mensuration	Complete TWST 2 and specific tasks. INIT TWST Evaluation	Mensurate a set of target points per 3 month period (Quarterly)
Weaponeering	Complete TWST 3 and specific tasks. INIT TWST Evaluation	Complete a set of weaponeering problems per 3 month period (Quarterly)

5.5. Intelligence Evaluator (IE) Specialized Training. This program establishes the minimum guidelines for intelligence personnel identified by the SIO to progress to IE within the unit. Only qualified evaluators may conduct unsupervised intelligence evaluations to grade standardization and evaluation criteria. (T-2)

5.5.1. Requirements. Intelligence personnel identified by the SIO for progression to IE must: (T-2)

5.5.1.1. Be mission qualified (i.e. BMC or CMR).

5.5.1.2. Meet evaluator requirements as outlined in AFI 14-202, Volume 2 and AFI 14-2B-52, Volume 2.

5.5.1.3. Meet task certifier requirements as outlined in AFI 36-2201, *Air Force Training Program*.

5.5.1.4. Complete the following unit-developed IE profiles. Units may add considerations/techniques for specialized training to applicable areas.

5.5.2. Intelligence Evaluator Training Profiles:

5.5.2.1. IE 1 – IE MSN Observation. Event objective: The trainee will understand evaluation criteria, grading procedures and gradesheet preparation for an INIT MSN and MSN evaluation. Specific tasks: The trainer will introduce evaluation criteria, grading procedures and gradesheet preparation for either an INIT MSN or MSN evaluation. Identify scenarios for intelligence evaluations, objectivity issues, and techniques for conducting evaluations. The trainee will observe an INIT MSN or MSN evaluation. (T-2)

5.5.2.2. IE 2 – IE EIT Observation. Event objective: The trainee will understand evaluation criteria, grading procedures and gradesheet preparation for an INIT EIT and EIT evaluation. Specific tasks: The trainer will introduce evaluation criteria, grading procedures and gradesheet preparation for an INIT EIT or EIT evaluation. Identify scenarios for intelligence evaluations, objectivity issues, and techniques for conducting evaluations. The trainee will observe an INIT EIT or EIT evaluation. (T-2)

5.5.2.3. IE 3 – IE Proficiency. Event objective: The trainee will demonstrate proficiency in successfully conducting an evaluation. Specific tasks: The trainer will observe the trainee conduct an evaluation and provide a thorough debrief and critique. The trainee will demonstrate knowledge of evaluation criteria, grading procedures and grade sheet preparation. The trainee may perform the evaluation with the trainer as the examinee in a simulated evaluation. (T-2)

LARRY D. JAMES, Lt Gen, USAF
Deputy Chief of Staff, Intelligence, Surveillance
and Reconnaissance

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

NOTE: The user of this instruction is responsible for verifying the currency of the cited documents.

References

AFPD 14-2, *Intelligence Rules and Procedures*, 29 November 2007
AFI 14-119, *Intelligence Support to Force Protection (FP)*, 15 August 2007
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 14-205, *Geospatial Information and Services (GI&S)*, 5 May 2010
AFI 14-2B-52, Volume 2, *B-52 Unit Intelligence Evaluation Criteria*, 24 February 2012
AFI 14-2B-52, Volume 3, *B-52 Unit Intelligence Procedures*, 24 February 2012
AFI 16-1301, *Survival, Evasion, Resistance, and Escape (SERE) Program*, 6 September 2006
AFI 36-2201, *Air Force Training Program*, 15 September 2010
AFI 33-360, *Publications and Forms Management*, 25 September 2013
AFMAN 33-363, *Management of Records*, 1 March 2008
AFTTP 3-1. *Threat Guide*, 16 August 2011
AFTTP 3-1. *B-52 Tactical Employment*, 21 June 2011
Air Force Records Disposition Schedule (RDS)
MIL STD 2525C, *Common Warfighting Symbology*, 17 November 2008
US Army Field Manual, FM 1-02, *Operational Terms and Graphics*, 21 September 2004

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*, 22 September 2009
AF Form 4349 *Record of Intelligence Evaluation*, 10 March 2008
AF Form 4350, *Certificate of Intelligence Qualification*, 10 March 2008
AF Form 4381, *Intelligence Gradesheet*, 10 March 2008

Abbreviations and Acronyms

AAA—Anti-Aircraft Artillery
ACC—Air Combat Command
ACO—Airspace Control Order
AEF—Air Expeditionary Force

AETC—Air Education and Training Command
AF—Air Force
AFI—Air Force Instruction
AFGSC—Air Force Global Strike Command
AFRC—Air Force Reserve Command
AFSC—Air Force Specialty Code
AFTTP—Air Force Tactics, Techniques and Procedures
ANG—Air National Guard
AOR—Area of Responsibility
ARC—Air Reserve Components
ATO—Air Tasking Order
BQ—Basic Qualification
BMC—Basic Mission Qualified
C&R—Collection and Reporting
CAP—Combat Air Patrol
CC—Commander
CMR—Combat Mission Ready
COA—Course of Action
CSAR—Combat Search and Rescue
CT—Continuation Training
DMPI—Desired Mean Point of Impact
DPPDB—Digital Point Positioning Database
E&R—Evasion and Recovery
EI—Essential Elements of Information
EIT—External Intelligence Trainer
EPA—Evasion Plan of Action
ETCA—Education and Training Course Announcements
EW—Early Warning
FEASCAP—Feasibility/Capability
FEBA—Forward Edge of the Battle Area
FRAG—Fragmentary (Order)
GEOCOORDS—Geographic Coordinates
GCI—Ground Control Intercept

GI&S—Geospatial Information and Services

IADS—Integrated Air Defense System

IE—Intelligence Evaluator

IFTU—Intelligence Formal Training Unit

IMA—Individual Mobilization Augmentee

IMEA—Integrated Munitions Effects Assessment

INFLTREP—In-flight Report

INIT—Initial (evaluation)

INIT EIT—Initial External Intelligence Trainer Qualification Evaluation

INIT MSN—Initial Mission Qualification Evaluation

INIT NMS—Initial Nuclear Mission Support

INIT TWST—Initial Targeteer/Weaponer Specialized Training

INTREP—Intelligence Report

IP—Initial Point

IPOE—Intelligence Preparation of the Operational Environment

IQT—Initial Qualification Training

ISOPREP—Isolated Personnel Report

JASSM—Joint Air-Surface Standoff Missile

JDPI—Joint Designated Points of Impact

JIPTL—Joint Integrated Priority Target List

JMEM—Joint Munitions Effectiveness Manual

JWS—JMEM Weaponing System

LOS—Line of Sight

MAJCOM—Major Command

MDS—Mission Design Series

MGRS—Military Grid Reference System

MISREP—Mission Report

MPC—Mission Planning Cell

MQF—Master Question File

MQT—Mission Qualification Training

MSN—Mission Qualification Evaluation

NASIC—National Air and Space Intelligence Center

NATO—North Atlantic Treaty Organization
N-BMC—Non-Basic Mission Capable
N-CMR—Non-Combat Mission Ready
NGA—National Geospatial-Intelligence Agency
NMS—Nuclear Mission Support
NSMS—Nuclear Support Mission Specialist
OAP—Offset Aimpoint
OB—Order of Battle
OG—Operations Group
OGI—Operations Group Intelligence
OPLAN—Operations Plan
OPORD—Operations Order
OPR—Office of Primary Responsibility
PR—Personnel Recovery
PTOB—Pre-Take Off Briefing
QUAL—Qualification (Evaluation)
RAD—Research, Analysis and Dissemination
RFI—Request for Information
RIP—Ready Intelligence Program
SAM—Surface-to-Air Missile
SAR—Synthetic Aperture Radar
SEAD—Suppression of Enemy Air Defense
SERE—Survival, Evasion, Resistance and Escape
SIO—Senior Intelligence Officer
SPINS—Special Instructions
T-2—Tier 2
T-3—Tier 3
TAM—Terminal Area Model
TAW—Targeting Application Workstation
TOD—Threat of the Day
TUC—Threat Update Code
TWST—Targeteer/Weaponer Specialized Training

USAF—United States Air Force

USMTF—US Message Text Format

VR—Visual Recognition

Terms

Basic Mission Capable (BMC)—The status of unit intelligence personnel who have satisfactorily completed MQT, are qualified in the unit missions but do not maintain the same training frequency required of those in CMR status.

Basic Qualification (BQ)—The status of intelligence personnel who have satisfactorily completed IQT and are qualified to perform basic duties, but may not perform mission duties unsupervised. The member must perform at a minimum level as established in this volume. BQ is not a long term qualification status.

Certification—Procedure used to document competency in a particular task. Not interchangeable with “qualification”, which requires AF Form 4350 documentation.

Combat Mission Ready (CMR)—The status of intelligence personnel who have satisfactorily completed MQT and maintain CMR qualification and currency as outlined in this instruction, see Table 4.1.

Continuation Training (CT)— CT provides the volume, frequency and mix of training necessary for intelligence personnel to maintain proficiency, currency and qualification. RIP outlines the minimum CT requirements. RIP is designed to focus training on capabilities needed to accomplish a unit’s core missions. CT is separate from skill level upgrade training, although CT may fulfill some skill level upgrade training requirements. CT and RIP are discussed further in Chapter 4 of this volume.

Currency—A measure of how frequently and/or recently a task is completed. Currency requirements should ensure intelligence personnel maintain a minimum level of proficiency in a given event.

External Intelligence Trainer (EIT)—Current and qualified (CMR or BMC) intelligence personnel who have completed the EIT Specialized Training and maintain currency as an EIT. Only EITs may conduct unsupervised intelligence training for aircrews or other non-intelligence AFSC personnel.

External Intelligence Trainer Evaluation—An evaluation that qualifies an individual as an external intelligence trainer. Includes evaluations that initially qualify and requalify an intelligence member as an external intelligence trainer (i.e., initial {INIT} EIT and requalification {RQ} EIT) as directed in AFI 14-2B-52, Volume 1. The designator for the external intelligence trainer evaluation is “EIT” as used with the AF Form 4349 and AF Form 4350.

External Intelligence Training—Intelligence training given by intelligence personnel to aircrews or other non-intelligence AFSC personnel.

Initial Qualification Training (IQT)—Initial training necessary to qualify intelligence personnel in a basic intelligence position without regard to a unit’s specific mission. IQT for intelligence personnel begins after initial skills training is completed (i.e. the AFSC-awarding

courses) and typically consists of a formal course IFTU. In the event IFTU training is not available, IQT will be conducted in-house by the assigned unit with MAJCOM approval.

Intelligence Evaluator (IE)—Current and qualified (CMR or BMC) intelligence personnel who have completed the IE specialized training. Only IEs may conduct intelligence qualification (mission or specialized) evaluations (initial or periodic).

Intelligence Evaluator (IE) Evaluation—An evaluation that qualifies the individual as an intelligence evaluator. Includes evaluations that initially qualify and requalify an intelligence member as an intelligence evaluator (i.e., INIT IE and RQ IE) as directed in this volume. The designator for the intelligence evaluator evaluation is “IE” as used with the AF Form 4349 and AF Form 4350.

Intelligence Qualification Trainer—Intelligence personnel designated by the SIO to conduct qualification training for other intelligence personnel. Intelligence Qualification Trainers must meet requirements as outlined in AFI 14-202 Volume 1, paragraph 2.

Internal Intelligence Training Program—The internal intelligence training program is a unit-developed and maintained program. It is intended to facilitate personnel maintaining their qualifications and currencies. This volume provides a basic starting point for B-52 intelligence units and may be modified by the SIO based on the unit’s requirements.

Intelligence Personnel Training Program (IPTP) Manager—The Intelligence Training Program Manager is appointed by the SIO to oversee the execution of the Internal Intelligence Training Programs.

Mission Qualification Evaluation (MSN)—An evaluation that qualifies an individual as BMC or CMR. Includes evaluations that initially qualify and requalify an intelligence member (i.e., INIT MSN, ReQual (RQ) MSN). The mission qualification evaluation is administered to ensure the individual’s ability to support full mission planning and employment in accomplishing the unit’s operational mission. The designator for the mission qualification evaluation is “MSN” as used with the AF Form 4349 and AF Form 4350.

Mission Qualification Training (MQT)—Training needed to qualify intelligence personnel to perform their specific unit mission in an assigned position. This training is a prerequisite for BMC or CMR status.

Proficiency—The quality of having competence and a command of the fundamentals derived from practice and familiarity. A measure of how well a task is completed. An individual is considered proficient when he/she can perform tasks at the minimum acceptable levels of speed, accuracy, and safety.

Qualification Evaluation (QUAL)—The qualification evaluation is administered to ensure basic qualification in support to the (BQ) of the examinee. The QUAL is administered to ensure basic qualification in support to the MDS and duty position of the intelligence professional. The designator for the qualification evaluation is “QUAL” as used with the AF Form 4349 and AF Form 4350.

Ready Intelligence Program (RIP)—Task requirements that apply to CMR and BMC intelligence personnel. The RIP outlines minimum CT requirements and is designed to focus training on capabilities needed to accomplish the unit’s core missions. RIP establishes the

minimum number of task requirements per training cycle for CMR and BMC qualified personnel.

Senior Intelligence Officer (SIO)—The SIO is the highest-ranking Air Force officer holding the 14N3 or 14N4 AFSC or Series 0132 Civilian serving in an Air Force intelligence position. The SIO's authority extends to all directly subordinate intelligence units. Installations with intelligence activities in different chains of command will have separate SIOs. In this capacity, the SIO provides senior guidance on all policy development, interpretation, and application. Further, the SIO serves as the chief advisor and mentor for AF intelligence officers, enlisted and civilians (as appropriate) in terms of career development and progression.

Specialized Qualification Evaluation—An evaluation that qualifies a trainee in a specialized area. Includes evaluations that initially qualify and requalify an intelligence member for a particular skill or duty position. Specific types of specialized qualification evaluations will be identified in the applicable MDS AFI 14-2, Volume 1.

Specialized Training—Training in any skills necessary to carry out the unit's assigned missions but is not required for every intelligence specialist. Specialized training is accomplished after MQT and after the member has attained BMC or CMR status, and is in addition to BMC or CMR requirements.

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 commander level.

Attachment 2

TRAINING REQUIREMENTS

Table A2.1. Mission Qualification, Specialized Training, and RIP Currency Requirements.

Requirement	MQT	Specialized	RIP Currency
B-52 Weapons System Academics	X		
Intelligence Support to the Nuclear Mission	X		
AOR Threat Training	X		
RAD and IPOE	X		
Manual OB			X
Automated OB			X
Changeover Briefing	X		X
Deployment Briefing	X		X
Initial Situation/Situation Briefing	X		X
ATO/ACO/SPINS/JIPTL Breakout			X
Aim Point Graphic			X
MPC Initial Situation Briefing	X		X
FEASCAP Briefing	X		X
Mission Planning Cell Support	X		X
Weaponeering	X		X
Pre-Take Off Briefing	X		X
Assumption of Alert Briefing	X		X
Step Briefing	X		X
Debriefing	X		X
Intelligence Reports	X		X
EIT 1 – EIT Concepts and Methods		X	
EIT 2 – Threat Training		X	X
EIT 3 – Collection & Reporting		X	X
EIT 4 – Visual Recognition		X	X
EIT 5 – PR Training		X	X
TWST 1 – MPC Materials		X	X
TWST 2 – Point Mensuration		X	X
TWST 3 – Weaponeering		X	X
IE 1 – MSN Observation		X	
IE 2 – EIT Observations		X	
IE 3 – IE Proficiency		X	

Attachment 3

EXAMPLE TRAINING SHORTFALL REPORT

Figure A3.1. Example Training Shortfall Report.

MEMORANDUM FOR MAJCOM/A2

FROM:

SUBJECT: XX OG Intelligence Training Shortfalls

1. TRAINING SHORTFALLS. Only report those shortfalls that the SIO feels will have a major impact on training.

EVENT	PERCENT OF CMR/BMC INTELLIGENCE PERSONNEL AFFECTED
	SPECIFIC REASON FOR SHORTFALL
	CORRECTIVE ACTION (IF ANY)
	LIMFACS

2. SIO'S COMMENTS (Open forum for comments to improve the training reporting system).

SIGNATURE BLOCK

CC: NAF/A2

Attachment 4
GRADESHEETS

A4.1. Gradesheets. The AF Form 4381, *Intelligence Gradesheet*, will be used by Intelligence Qualification Trainers to record completion of Initial Qualification Training (IQT), Mission Qualification Training (MQT) and Specialized Training events. Gradesheets will be filed in the trainee's qualification training record. Intelligence Evaluators will use the gradesheets to assist in the completion of the AF Form 4350. After the AF Form 4350 is complete, the used gradesheets are no longer required to be maintained. (T-2)

A4.2. Required Task Elements. The following tables in this attachment include the minimum task elements to be graded during each MQT event. As a minimum, each numbered element (i.e., "1. B-52 Weapons Systems Academics") will receive a grade of 1-3. Grades will be considered in aggregate to determine the overall grade for the event. Sub-elements are listed to provide additional detail as necessary. For the B-52 Intelligence Academics Gradesheet all knowledge events are represented on this one gradesheet. The trainer will use a separate gradesheet when grading each knowledge event. Therefore, the trainee will have, at a minimum, a B-52 Intelligence Academics Gradesheet on file for each event: B-52 Weapons Systems Academics; Intelligence Support to the Nuclear Mission; AOR Threat Training; Personnel Recovery; Intelligence Integration in Force Protection; Research, Analysis and Dissemination (RAD); Intelligence Preparation of the Operational Environment (IPOE). (T-2)

Table A4.2.1. B-52 Intelligence Academics Gradesheet Task Elements.

1. B-52 WEAPONS SYSTEM ACADEMICS
2. INTELLIGENCE SUPPORT TO THE NUCLEAR MISSION
3. AOR THREAT TRAINING
4. PERSONNEL RECOVERY
5. INTELLIGENCE INTEGRATION IN FORCE PROTECTION
6. RESEARCH, ANALYSIS & DISSEMINATION (RAD)
7. INTELLIGENCE PREPARATION OF THE OPERATIONAL ENVIRONMENT (IPOE)

Table A4.2.2. B-52 Visual Recognition Gradesheet Task Elements.

1. AIRCRAFT
2. NAVAL
3. GROUND
4. AAA
5. SAMs
6. NUCLEAR SYSTEMS
7. OTHER

Table A4.2.3. B-52 Manual OB Maintenance Gradesheet Task Elements.

1. PLOTTING
A. GEOCOORDS
B. MGRS (UTM)
C. PERFORM COORDINATE CONVERSION

D. DETAIL
E. APPROPRIATE SCALE
2. SYMBOLOGY
A. AIR ORDER OF BATTLE
B. DEFENSIVE MISSILE OB
C. GROUND ORDER OF BATTLE
D. NAVAL ORDER OF BATTLE
E. ELECTRONIC ORDER OF BATTLE
F. WMD ORDER OF BATTLE
G. AEROSPACE CONTROL ORDER
H. TARGETS
I. MISCELLANEOUS OTHER SYMBOLS
3. ORDER OF BATTLE ANALYSIS
A. PURGE CRITERIA
B. POSTING CRITERIA
4. COMPUTE DISTANCE, DIRECTION, AZIMUTH
5. DISPLAY MARKINGS
A. CURRENT AS OF TIMES
B. LEGENDS
C. CLASSIFICATION MARKINGS
6. SECURITY

Table A4.2.4. B-52 Automated OB Maintenance Gradesheet Task Elements.

1. PLOTTING/DOWNLOADING OB
A. GEOCOORDS
B. MGRS
C. COORDINATE CONVERSION
2. SYMBOLOGY
A. AIR OB
B. DEFENSIVE MISSILE OB
C. GROUND OB
D. NAVAL OB
E. ELECTRONIC OB
F. WMD OB
G. AEROSPACE CONTROL ORDER
H. MISCELLANEOUS
3. ORDER OF BATTLE ANALYSIS
A. PURGE CRITERIA
B. POSTING CRITERIA
C. TERRAIN ANALYSIS
4. COMPUTE DISTANCE, DIRECTION, AZIMUTH
5. DISPLAY
A. CURRENT AS OF TIMES
B. CLASSIFICATION MARKINGS

6. THREAT/DRAWING/ROUTE FILES
A. CREATION
B. MAINTENANCE
C. IMPORT FILES
7. PRINT MAP W/ PROPER CLASSIFICATION
8. EXPORT THREAT FILES
9. SECURITY

Table A4.2.5. B-52 Changeover Briefing Gradesheet Task Elements.

1. BRIEFING PREPARATION
2. ADHERENCE TO UNIT PROCEDURES
3. ADDRESSED RELEVANT AREAS
A. ISSUES REQUIRING IMMEDIATE ATTENTION
B. WORK CENTER STATUS
C. WOC/SQUADRON BRIEFING TIMES
D. REVIEW PREVIOUS BRIEFING MATERIAL
E. REVIEW INCOMING/OUTGOING MSGS
F. REVIEW EVENTS LOG/TUC
G. RFI STATUS
H. REVIEW BSD/SPINS/WATCHCON/DEFCON
I. SYSTEMS STATUS
J. PROCEDURAL CHANGES
K. THINGS THAT NEED TO BE DONE
(1) PLOTTING
(2) BRIEFINGS
L. PERSONNEL STATUS/SCHEDULES
M. EQUIPMENT STATUS
N. MESSAGES DUE OUT
O. LOCATION OF ITEMS FOR EVACUATION
P. VEHICLE KEYS LOCATION (IF APPLICABLE)
Q. REVIEW EMERGENCY PROCEDURES
R. LOCATION OF ALTERNATES
S. COMBINATION/CIPHER CHANGES
4. DELIVERY
5. SECURITY

Table A4.2.6. B-52 Deployment Briefing Gradesheet Task Elements.

(*Items not required for Non-Aircrew Brief)

1. BRIEFING PREPARATION
A. RESEARCH
B. ANALYSIS
C. IPOE
2. APPLICABILITY TO AUDIENCE

3. DELIVERY
4. GENERAL KNOWLEDGE
5. EFFECTIVE VISUAL AIDS
6. ADHERE TO UNIT STANDARDS
7. SECURITY
8. SUMMARY OF POL/MIL EVENTS
9. ENEMY ACTIVITY & FORCE DISPOSITION
10. ENEMY TACTICS/EMPLOYMENT STRATEGY*
11. POTENTIAL/ANTICIPATED ENEMY REACTIONS
12. POSSIBLE ENROUTE HAZARDS*
13. PERSONNEL RECOVERY ISSUES*
A. EMERGENCY DESTRUCT OF CLASSIFIED
B. THEATER PR
C. EPA
D. SANITIZATION REMINDER
E. ISOPREP REVIEW REMINDER
14. KNOWN THREATS NEAR BED-DOWN LOCATION
15. REPORTING INSTRUCTIONS AND EEI REVIEW*

Table A4.2.7. B-52 Initial Situation/Situation Briefing Gradesheet Task Elements.

1. BRIEFING PREPARATION
A. RESEARCH
B. ANALYSIS
C. IPOE
2. DELIVERY
3. APPLICABILITY TO AUDIENCE
4. EFFECTIVE USE OF VISUAL AIDS
5. GENERAL KNOWLEDGE
6. SECURITY CLASSIFICATION
7. MAJOR EVENTS LEADING TO CRISIS
8. ANY NATIONAL DECISIONS, IF KNOWN
9. ENEMY FORCE DISPOSITION
10. CURRENT SITUATION AT DEPLOYED LOCATION
11. LOCAL AREA SITUATION
12. ANTICIPATED ENEMY REACTION
13. ADDITIONAL ITEMS AS NEEDED
14. ADHERENCE TO UNIT STANDARDS

Table A4.2.8. B-52 Feasibility and Capabilities Briefing Gradesheet Task Elements.

1. ORGANIZATION
2. EARLY WARNING/GROUND CONTROLLED INTERCEPT
3. THREAT AREAS TO CONSIDER
4. THREAT TYPES TO CONSIDER
5. MISSION SUPPORT PROVIDED/NEEDED

6. OTHER BRIEFING ITEMS
7. TARGETING INFORMATION
8. LOAC CONSIDERATIONS
9. GENERAL KNOWLEDGE
10. COMMUNICATION SKILLS
11. SECURITY

Table A4.2.9. B-52 ATO/ACO/SPINS/JIPTL Breakout Gradesheet Task Elements.

1. ACCESSED CORRECT ATO/ACO/SPINS/JIPTL
2. EXTRACTED MISSION TASKING
3. EXTRACTED CORRECT ACO INFO
4. IDENTIFIED/EXTRACTED APPLICABLE SPINS INFO
5. CROSS CHECK FIXED TARGETS WITH THEATER NO STRIKE TARGET LIST (IF AVAILABLE)
5. AUTOMATED ATO/ACO (TASKVIEW)
6. ADHERENCE TO UNIT STANDARDS
7. SECURITY

Table A4.2.10. B-52 Mission Planning Cell Initial Situation Briefing Gradesheet Task Elements.

1. ORGANIZATION/PREPARATION
2. ADHERENCE TO UNIT STANDARDS
3. MISSION TASKING/RELEVANT FACTORS
4. TARGET
5. WEAPONERING SOLUTION
6. THREAT
7. DELIVERY
8. GENERAL KNOWLEDGE

Table A4.2.11. B-52 Mission Planning Cell Support Gradesheet Task Elements.

1. MISSION MATERIALS
A. IMAGERY
1) OVERVIEW
2) TARGET
3) DMPI(S)
B. MISSION MAPS/CHARTS
1) ROUTE
2) AREA OF OPERATIONS
3) ATTACK
4) THREAT (IMOM)
C. RADAR LINE OF SIGHT ANALYSIS
D. ROUTE PLOTTING/ANALYSIS
2. THREAT ANALYSIS
A. TERRAIN

B. DECISION RANGE
C. AMBIGUITY
3. WEAPONNEERING SOLUTION
4. NTISR CONSIDERATIONS
5. ATO TARGET VALIDATION
6. GENERAL KNOWLEDGE
7. ADHERENCE TO UNIT STANDARDS

Table A4.2.12. B-52 Combat Mission Folder Gradesheet Task Elements.

(REMARKS: Units should maintain classified version of these documents in a secure location)

1. MISSION MATERIALS (AFI 14-117 and MAJCOM Guidance)

Table A4.2.13. B-52 Aim Point/Offset Aim Point Graphic Gradesheet Task Elements.

(REMARKS: Units should maintain classified version of these documents in a secure location)

1. MISSION MATERIALS (AFI 14-117 and MAJCOM Guidance)

Table A4.2.14. B-52 Weaponneering Gradesheet Task Elements.

1. WEAPONNEERING SOLUTIONS
2. JMEM
3. AUTOMATED APPLICATIONS
4. GENERAL KNOWLEDGE
5. POINT MENSURATION

Table A4.2.15. B-52 Targeting/Weaponneering Specialized Training (TWST-1) Mission Planning Cell Materials Gradesheet Task Elements.

1. PREPARATION
2. ABILITY TO ACCESS/RECEIVE MATERIALS
3. DEVELOPMENT OF MISSION MATERIALS
4. COORDINATION WITH OPERATIONS PERSONNEL
5. KNOWLEDGE
6. ORGANIZATION
7. DOCUMENTATION
8. SECURITY

Table A4.2.16. B-52 Targeting/Weaponneering Specialized Training (TWST-2) Point Mensuration Gradesheet Task Elements.

1. PREPARATION
2. ABILITY TO ACCESS/RECEIVE MATERIALS
3. DEVELOPMENT AND RENDERING OF PRECISE POINTS
4. KNOWLEDGE
5. ORGANIZATION
6. DOCUMENTATION

7. SECURITY

Table A4.2.17. B-52 Targeting/Weaponeering Specialized Training (TWST-3) Weaponeering Gradesheet Task Elements.

1. PREPARATION
2. ABILITY TO USE AND MANIPULATE WEAPONEERING SOFTWARE
3. DEVELOPMENT AND DISSEMINATION OF WEAPONEERING SOLUTIONS
4. KNOWLEDGE, ABILITY TO EXPLAIN WEAPONEERING SOLUTION (S)
5. ORGANIZATION
6. DOCUMENTATION
7. SECURITY

Table A4.2.18. B-52 Pre-Take Off Briefing (PTOB) Gradesheet Task Elements.

1. BRIEFING PREPARATION
A. RESEARCH, ANALYSIS, IPOE
2. DELIVERY
3. APPROPRIATE LEVEL OF DETAIL
4. EFFECTIVE USE OF VIS AIDS
5. GENERAL KNOWLEDGE
6. COVERED APPLICABLE AREAS
7. SECURITY CLASSIFICATION
8. GENERAL BATTLE SITUATION
9. TARGET/MUNITION INFORMATION/ID/ORIENTATION
10. SITUATION IN TARGET AREA
A. THREATS
11. ENEMY FORCE LOCATIONS
12. EN ROUTE THREATS
A. INGRESS
B. TARGET
C. EGRESS
13. LOCAL AREA SITUATION
14. PR DATA
A. DESIGNATED AREA(S) FOR RECOVERY (DAR)/SAFE AREAS
B. RECOVERY & AUTHENTICATION
C. ISOPREP REVIEW REMINDER
D. SANITIZATION REMINDER
E. EVASION AND RECOVERY (E&R) KIT
F. EPA DEVELOPMENT & REVIEW
15. EEIs
16. INFLIGHT REPORTING REQUIREMENTS

Table A4.2.19. B-52 Assumption of Alert Briefing Gradesheet Task Elements.

1. BRIEFING PREPARATION
A. RESEARCH, ANALYSIS, IPOE

2. DELIVERY
3. APPROPRIATE LEVEL OF DETAIL
4. EFFECTIVE USE OF VIS AIDS
5. GENERAL KNOWLEDGE
6. COVERED APPLICABLE AREAS
7. SECURITY CLASSIFICATION
8. GENERAL BATTLE SITUATION
9. TARGET/MUNITION INFORMATION/ID/ORIENTATION
10. SITUATION IN TARGET AREA
A. THREATS
10. ENEMY FORCE LOCATIONS
11. EN ROUTE THREATS
A. INGRESS
B. TARGET
C. EGRESS
12. LOCAL AREA SITUATION
13. PR DATA
A. DAR(S)/SAFE AREAS
B. RECOVERY & AUTHENTICATION
C. ISOPREP REVIEW REMINDER
D. SANITIZATION REMINDER
E. E&R KIT
F. EPA DEVELOPMENT & REVIEW
14. EEIs
15. INFLIGHT REPORTING REQUIREMENTS

Table A4.2.20. B-52 Step Briefing Gradesheet Task Elements.

1. BRIEFING PREP/ORGANIZATION
A. RESEARCH
B. ANALYSIS
C. IPOE
2. MISSION IMPACT/CHANGES
3. SECURITY CLASSIFICATION
4. ROUTE/TARGET CHANGES
5. NEW THREATS
6. EPA CHANGES
7. LATEST THREAT UPDATE CODE
8. DELIVERY
9. RELEVANCE/APPLICABILITY

Table A4.2.21. B-52 Debriefing Gradesheet Task Elements.

1. DEBRIEFING PREPARATION
A. CHARTS
B. MISSION MATERIALS

C. TARGET IMAGERY
D. DEBRIEF WORKSHEET
E. UNDERSTANDING OF TASKING
2. TIME CRITICAL INTELLIGENCE
3. ADHERENCE TO UNIT PROCEDURES
4. AIR-TO-AIR ENGAGEMENTS
A. INITIAL PICTURE
B. TACTICS
C. WEAPONS EMPLOYMENT/RESULTS
5. SURFACE-TO-AIR ENGAGEMENTS
A. INDICATIONS
B. TACTICS
C. COUNTERTACTICS/RESULTS
6. RWR INDICATIONS
7. TARGETS
A. WEAPONS EMPLOYMENT
B. INITIAL BOMB HIT ASSESSMENT
C. UNBRIEFED THREATS IN AREA
8. SPECTRUM INTERFERENCE
9. SIGHTINGS
10. LASER INCIDENTS
11. FOLLOW-UP QUESTIONS
12. DEBRIEF CONTROL
13. TIME MANAGEMENT
14. OTHER LOCAL PROCEDURES AS APPLICABLE
15. DEBRIEF ACCURACY

Table A4.2.22. B-52 Intelligence Reporting Gradesheet Task Elements.

1. REPORT PREPARATION
A. RESEARCH
B. ANALYSIS
2. REPORT FORMAT
A. REPORT SHELL PREPARATION
3. CORRECT OVERALL CLASSIFICATION
4. CORRECT SECTION CLASSIFICATION MARKINGS
5. CONTENT
A. SIGNIFICANT EVENTS/DATA REPORTED
B. APPROPRIATE FOR AUDIENCE
C. LOGICAL FLOW
D. READABILITY
E. MISSION/THREAT ANALYSIS (TACTICAL)
4. ADHERENCE TO AOR STANDARDS
5. QUALITY CHECK
6. RELEASE PROCEDURES

A. MET RELEASE DEADLINES
7. TIME MANAGEMENT

Table A4.2.23. B-52 External Intelligence Trainer/Intelligence Evaluator Gradesheet Task Elements.

(REMARKS: Instruction Category (annotate those applicable): Threats, VR, C&R, PR, IE)

1. PREPARATION
2. LEADS/MANAGES TRAINEES
3. DECISION MAKING
4. OBJECTIVES
5. COMMUNICATION SKILLS
6. KNOWLEDGE
7. ORGANIZATION
8. DOCUMENTATION
9. SECURITY

Table A4.2.24. B-52 Nuclear Mission Support Gradesheet Task Elements.

(REMARKS: Units should maintain classified version of these documents in a secure location)

1. MISSION MATERIALS (AFI 14-117 and MAJCOM Guidance)

Table A4.2.25. B-52 IQT Academic Gradesheet Task Elements.

1. GLOBAL STRIKE (CONVENTIONAL AND NUCLEAR) SUPPORT ACADEMICS
2. RESEARCH, ANALYSIS & DISSEMINATION (RAD) AND IPOE
3. INTELLIGENCE SYSTEMS
4. VISUAL RECOGNITION
5. PERSONNEL RECOVERY
6. INTELLIGENCE INTEGRATION INTO FORCE PROTECTION
7. COMBAT MISSION FOLDER CONSTRUCTION ACADEMICS
8. TARGETING PROCESS (CONVENTIONAL AND NUCLEAR)
9. AERODYNAMIC AND ELECTRONIC WARFARE PRINCIPLES
10. SURFACE ATTACK
11. MISSION PLANNING SUPPORT
12. INTELLIGENCE SKILLS AND KNOWLEDGE

Table A4.2.26. B-52 IQT Country Threat Briefing Gradesheet Task Elements.

1. BRIEFING PREPARATION
A. RESEARCH
B. ANALYSIS
C. IPOE
2. DELIVERY
3. APPLICABILITY TO AUDIENCE
4. EFFECTIVE USE OF VISUAL AIDS

5. GENERAL KNOWLEDGE
6. SECURITY CLASSIFICATION
7. SUMMARY OF POL/MIL EVENTS
8. ADHERENCE TO COMMAND STANDARDS
9. ENEMY ACTIVITY & FORCE DISPOSITION
10. ENEMY EMPLOYMENT STRATEGY
11. POTENTIAL/ANTICIPATED ENEMY ACTIONS