

**BY ORDER OF THE COMMANDER  
AIR COMBAT COMMAND**

**AIR COMBAT COMMAND MANUAL  
11-2BQM-167A, VOLUME 1**



**6 MARCH 2025**

***Flying Operations***

***BQM-167A—AIRCREW TRAINING***

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**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This publication implements Air Force Manual (AFMAN) 11-202, Volume 1, *Aircrew Training*. It establishes the minimum Air Force standards for training and qualifying personnel performing duties in the BQM-167A and operating the BQM-167A under remote control. This publication applies to all civilian employees and uniformed members of the Regular Air Force, the Air Force Reserve, and the Air National Guard who operate the BQM-167A. This publication does not apply to the United States Space Force. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with (IAW) the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to Air Combat Command Director of Operations (ACC/A3) through the Office of Primary Responsibility (OPR) using the Department of the Air Force (DAF) Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 through the appropriate functional chain of command. This publication may be supplemented at any level, but all supplements must be routed to the OPR of this publication for coordination prior to certification and approval. Waiver authority to this publication is 58 WEG/CC unless otherwise marked see [paragraph 1.11](#) for further details.

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## Chapter 1

### GENERAL GUIDANCE

**1.1. Roles and Responsibilities.** This manual establishes the minimum Air Force standards for training, qualifying, and certifying personnel performing Remote Pilot (RP) duties in the BQM-167A. **Note:** For the purposes of this manual, certification denotes a commander's (CC's) action, whereas qualification denotes a formal evaluation. Reference AFMAN 11-202, Volume 2, *Aircrew Standardization and Evaluation Program*, for an explanation of qualifications versus certifications.

**1.2. The 53d Weapons Evaluation Group (53 WEG) will:**

1.2.1. Develop programs to ensure training objectives are met. Assist subordinate units in management of training programs, ensure programs meet unit needs, and provide necessary staff support.

1.2.2. Review programs and manning position designations annually.

**1.3. Squadron (SQ) supervision will:**

1.3.1. Identify and report training shortfalls to 53 WEG Commander (53 WEG/CC).

1.3.2. Certify and publish a monthly letter of pilot/ RP qualifications/certifications (Letter of Xs, [LOX]).

1.3.3. Ensure adequate continuity and supervision of individual training needs, experience, and proficiencies of assigned/attached aircrews.

1.3.4. Review training and evaluation records of newly assigned aircrews and those completing training to ensure provisions of this instruction are met.

1.3.5. Ensure training scenarios and missions are oriented to conditions anticipated in the unit mission.

1.3.6. Review qualifications and training requirements of non-crewmembers and determine appropriate flight restrictions.

1.3.7. Monitor individual assigned/attached aircrew currencies and requirements.

1.3.8. Ensure aircrews only participate in sorties, events, and tasks for which they are adequately prepared, trained, and current.

1.3.9. Identify the levels of supervision required to accomplish the required training, unless specifically directed.

**1.4. Individual Remote Pilots (RPs) will:**

1.4.1. Be responsible for completion of training requirements and currencies within the guidelines of this instruction.

1.4.2. Ensure they participate only in ground and flying activities for which they are qualified, current, and prepared.

**1.5. Training.** The training programs are designed to prepare for specific Sub Scale Aerial Target (SSAT) RP duties. RPs must accomplish Yankee Certification Training prior to entering X-Ray Qualification Training (QT).

1.5.1. **Yankee Certification Training.** Yankee Certification Training provides the training necessary for RPs to safely operate the Target Control System (TCS) and become proficient in drone checkout procedures. Completion of Yankee certification is a prerequisite for X-Ray QT.

1.5.2. **X-Ray QT.** X-Ray QT provides the training necessary to qualify pilots as RP in Command for SSAT missions. X-Ray QT does not affect a RP's status as a certified Yankee.

1.5.3. **Continuation Training (CT).** CT consists of simulator (SIM) training to maintain currency of basic flying skills, emergency procedures (EPs) and safe operation of the SSAT. CT is also utilized for specific mission profile verification.

1.5.4. **Combat Mission Ready (CMR).** CMR is defined as the minimum training for RPs to be qualified and proficient the primary missions tasked to their assigned unit and weapons system.

1.5.5. **Non-Combat Mission Ready (N-CMR).** RPs that regress to N-CMR status will accomplish the required items to regain CMR.

**1.6. Specialized Training.** Specialized training is training in any special skills necessary to carry out the unit's assigned missions that are not required by every RP. Specialized training consists of upgrade training such as Upgrading Instructor Remote Pilots (UIRPs). Specialized training is in addition to CMR requirements. Unless otherwise specified, aircrews in CMR positions may hold special capabilities/qualifications as long as any additional training requirements are accomplished.

### **1.7. Training Concepts and Policies.**

1.7.1. Units will design training programs to achieve the highest degree of proficiency consistent with flight safety and resource availability. Training must balance the need for realism against RP capabilities and safety. This publication provides training guidelines and policies for use with operational procedures specified in applicable flying/operations publications.

1.7.2. The flying SQ will design TCS SSAT SIM training missions to achieve proficiency in unit-tasked roles and enhance mission accomplishment and safety. Training missions should emphasize either basic flying skills or scenarios that reflect procedures and operations based on developmental and operational test requirements. Use of procedures and actions applicable to test scenarios are desired.

1.7.3. RP EP training will be accomplished using the TCS SSAT SIM to the max extent possible.

### **1.8. Training Records and Reports.**

1.8.1. Units will maintain RP records for individual training and evaluations IAW:

1.8.1.1. AFMAN 11-202V1

1.8.1.2. AFMAN 11-202V2

1.8.1.3. Department of the Air Force Manual (DAFMAN) 11-401, *Aviation Management*

1.8.1.4. Air Combat Command Instruction (ACCI) 11-464, *Training Records and Performance Evaluation in Formal Flying Training Programs*.

1.8.2. Units will track the following information for all RPs (as applicable):

1.8.2.1. Ground training.

1.8.2.2. Requirements and accomplishments of individual sorties, sortie types, and events cumulatively for the training cycle.

1.8.2.3. Individual Currencies.

### **1.9. Remote Pilot (RP) Utilization Policy:**

1.9.1. CCs will fill authorized positions IAW unit manning documents and ensure that RP status is properly designated. The overall objective is that RPs perform mission related duties. Supervisors may assign RPs to valid short-term tasks (escort officer, Flight Evaluation Board/mishap board member, etc.), but must continually weigh the factors involved, such as level of RPs tasking, flying proficiency, currency and experience. For inexperienced non-supervisory RPs, supervisors will limit the non-flying duties to those related to mission activities to the maximum extent practical.

1.9.2. Duties required by various regulations that may be assigned to RPs are SQ scheduler, Flight Safety Officer (FSO), SQ Operations Supervisor, training (except Aviation Resource Management System (ARMS) documentation), SQ Standardization/Evaluation Liaison Officer (SELO), and other duties directly related to flying operations.

1.9.3. Civilian RP duties may be assigned as allowed by individual Core Personnel Documents.

### **1.10. Sortie Allocation Guidance:**

1.10.1. Inexperienced RPs should receive sortie allocation priority over experienced RPs.

1.10.2. Priority for sortie allocation should be established by the flying SQ/CC, to support unit assigned projects/programs/tasking and QT requirements.

### **1.11. Waiver Authority:**

1.11.1. Unless specifically noted otherwise in the appropriate section, the waiver authority is the 53 WEG/CC. This may be delegated to the 82d Aerial Targets Squadron Commander (82 ATRS/CC).

1.11.2. Waivers to this volume will be valid until the approving authority cancels it in writing or revises the publication. IAW DAFMAN 90-161, *Publishing Processes and Procedures*, paragraph 9.5.2., The waiver period is identified in the approval message, but will not exceed 90 days after the approving CC's tour length.

## Chapter 2

### SSAT YANKEE CERTIFICATION AND X-RAY RP QUALIFICATION GENERAL, CONCEPTS AND SPECIAL INSTRUCTIONS (SPINS)

**2.1. General:** This chapter outlines Yankee certification and X-Ray qualification concepts, admin and SPINS for the SSAT.

2.1.1. This manual is directive in nature and prescribes the overall training strategy and approximate amount of instruction required for a student with the entry prerequisites to attain course goals. The amount and level of training devoted to mission elements, events, subjects or phases should be adjusted, as required to meet individual student needs. This manual does not take precedence over applicable governing directives.

2.1.2. Training will be completed within the time specified by this instruction and/or applicable syllabus. Failure to complete within the specified time requires notification to the 53 WEG/CC with name, reason for delay, planned actions and estimated completion date.

#### **2.2. Concepts:**

2.2.1. Instructor of Record: The instructor of record is responsible for all documentation of the student's training. Grade sheets will be completed no later than 72 hours after debrief or before the student's next syllabus mission/event, whichever comes first. If operations tempo precludes this, a face-to-face brief with the Upgrading RP's (URP's) next instructor is required.

2.2.2. Mission Effectiveness: A syllabus mission may be assessed as effective if the instructor of record determines that enough of the mission elements were accomplished so as to progress to the next mission in the syllabus without adverse training consequences. Instructors may consider previously shortened missions that were deemed "effective/ incomplete" when assessing mission effectiveness for the current mission. A "Non-Effective" mission will be repeated with a mission suffix of "X" (e.g., SSAT-2X).

2.2.3. Mission Completion Status: If some of the mission elements could not be completed, but the instructor of record assesses the sortie as "effective", he will document the mission as "effective/incomplete" on the URP's grade sheet. If a mission is assessed as "effective/incomplete", the instructor will list the reason (e.g., weather, facility outage, maintenance, project cancel) and will document those items that were "incomplete". Incomplete items will be tasked and completed on the next mission. If the next mission is a certification or qualification, an additional mission will be added.

2.2.4. Student Non-Progression: A maximum of two X-missions per SSAT RP Yankee Certification or X-Ray Qualification is permitted due to student non-progression. In cases where the Upgrade URP cannot meet these limits solely due to student non-progression, the flying SQ/CC will remove the URP from the training program for that position. This will be documented in memorandum format in the URP's training folder.

2.2.5. Experienced Qualifier: A RP with a minimum of 1 year experience as a Yankee or X-Ray and also recommended by the flying SQ/director of operations (DO) will be designated as experienced. Documentation of the flying SQ/CC's designation of experienced will be posted in the RP's gradebook and annotated on the LOX.

### 2.3. Special Guidelines:

2.3.1. Breaks in Training: The development of favorable habit patterns and task proficiency are directly tied to experience. Therefore, syllabus SIM missions will be scheduled so as not to exceed 15 calendar days between sequential syllabus missions. Syllabus live-fly missions are dependent on availability of test customer missions (e.g., no SSAT live missions are generated due to this syllabus). For this reason, live-fly syllabus missions will be scheduled so as not to exceed 30 calendar days between sequential missions. Exceeding these limitations will constitute a break in training and will require the repetition of the previous mission. Such missions will have an “X” suffix added to the previous mission (e.g., SSAT-4X).

2.3.2. Proficiency Advancement: If the URP demonstrates proficiency in a phase of instruction earlier than required by the syllabus, the instructor of record may recommend proficiency advancement where allowed by the syllabus. The DO is the approving authority for proficiency advancement.

2.3.3. SSAT RP Multiple Qualification: If new SSAT drone models are introduced, QT will focus on one specific SSAT Mission Design Series (MDS). Checkouts in subsequent SSAT MDSs require the associated A-Block academics, O-Block-1, O-Block-2 observation, S-SIM-1, S-SIM-2 SIMs and SSAT-1, SSAT-2 live-fly (all using the associated SSAT). Training will be documented in the URP’s training folder.

2.3.4. Sequence of Training: Training modules will be accomplished in the sequence outlined in this instruction and/or the applicable syllabus. If scheduling constraints impede timely student progression, the SQ/DO may authorize completing non-live fly missions out of sequence on a case-by-case basis.

## Chapter 3

### YANKEE CERTIFICATION TRAINING

#### 3.1. SSAT Yankee Course.

3.2. **SSAT Details.** See 53 WEG/CC syllabus for specific mission profiles and events. These events may be modified in the stand alone syllabus.

## Chapter 4

### X-RAY QUALIFICATION TRAINING (QT)

**4.1. SSAT X-RAY RP QT Course Inventory.**

**4.2. SSAT X-Ray RP QT Course Details.** See 53 WEG/CC syllabus for specific mission profiles and events. These events may be modified in the stand alone syllabus.

## Chapter 5

### SPECIALIZED TRAINING

**5.1. General.** This chapter establishes the minimum eligibility criteria and the training requirements for upgrade and specialized training. These capabilities and qualifications are in addition to primary missions for the unit and may not apply to every crewmember assigned or attached to the unit.

**5.2. SSAT Drone Mission Commander (DMC).** 82 ATRS/CC will determine which individuals will be selected for duty.

**5.3. Qualifications.** The 82d Aerial Targets Squadron Director of Operations (82 ATRS/DO) will nominate to the 82 ATRS/CC individuals for upgrade to SSAT based on experience and prior qualifications. Individuals nominated will be a rated officer (11, 12 or 13B Air Force Specialty Code [AFSC]) or a missileer (13N AFSC). Individuals previously qualified as a Full Scale Aerial Target (FSAT) DMC may have a shortened SSAT DMC upgrade.

**5.4. Initial Training.** Areas covered in the SSAT DMC Initial Qualification Training (IQT) program will include (but are not limited to) the following:

- 5.4.1. Aircraft Systems.
- 5.4.2. Drone Systems.
- 5.4.3. Uplink/Downlink Theory.
- 5.4.4. Command/Data Panel.
- 5.4.5. Advanced Aerial Threat Target Control System (AATTCS).
- 5.4.6. Chase Procedures/Techniques.
- 5.4.7. Destruct Procedures
- 5.4.8. X-Ray, Yankee, Tango Duties
- 5.4.9. Anagram Procedures and Marine Operations
- 5.4.10. Range Destruct Officer (RDO)/Range Control Officer (RCO) Duties

**5.5. Academics.** A qualified will be the upgrade instructor and will conduct each session of the academic program.

**5.6. AATTCS brief.** Receive a brief from AATTCS personnel on displays, capabilities and limitations.

**5.7. Range Destruct Officer (RDO)/Range Safety Officer (RSO) Brief.** Receive a brief from 53 WEG Range Safety personnel on responsibilities and the RDO's interaction with the RSO.

**5.8. Mission Control.** Each upgrading will observe a qualified DMC on an actual mission prior to conducting the mission under the supervision of the qualified DMC. The upgrading will also observe a Weapon System Evaluation Program (WSEP) mission from the RCS Room prior to conducting a mission under supervision. 82 ATRS/DO is waiver authority for the provision for previously experienced WEG personnel.

**5.9. Certification and Evaluation.** The 82 ATRS/DO will evaluate each new on the training received and knowledge level attained prior to forwarding a request for certification by the 82 ATRS/CC. Documentation of certification will be accomplished with 82 ATRS/CC signature on Certification of Aircrew Training in front of each gradebook, 82 ATRS/CC initials on DMC upgrade form, and on the SQ LOX.

**5.10. Currency.** DMC's may log events for any SIM/manned/Not under Live Local Operator (NULLO) mission observed from FCS. DMC currency will be 180 days.

**5.11. DMC Recurrency:** Loss of DMC currency requires the following action (timing starts from date of last DMC mission):

5.11.1. Up to 90 Days. Review DMC procedures with any current DMC.

5.11.2. 91-180 Days. Same as above plus supervised conduct of a mission.

5.11.3. 181-365 Days. Same as above plus observe a mission and conduct supervised mission.

5.11.4. 366 or more Days. Repeat DMC upgrade syllabus.

## **5.12. Instructor Upgrade.**

5.12.1. Instructor upgrade is an Operations Group (OG)/CC approved, unit-developed, training program that culminates in instructor qualification. See 53 WEG/CC syllabus for specific mission profiles and events. These events may be modified in the stand alone syllabus.

5.12.2. Instructor candidates are nominated from the most qualified aircrew members, considering judgment, personal qualities, technical knowledge, and skill. Candidates must be experienced (EXP) IAW mission ready in their unit's mission. SQ/CCs review and select/approve each instructor candidate.

5.12.2.1. Judgment. The candidate possesses the judgment necessary to meet unexpected or induced emergencies and the ability to exercise sound judgment through mature realization of their own, their student's, and the aircraft's limitations.

5.12.2.2. Personal Qualities. The candidate has the patience, tact, understanding, and the knowledge and ability to instruct others.

5.12.2.3. Technical Knowledge. The candidate is thoroughly familiar with respective aircraft systems and equipment, normal and emergency operating procedures and the prohibited maneuvers and aircraft performance under all conditions of flight. Additionally, all instructors and examiners candidates are thoroughly familiar with the applicable portions of DAFMAN 11-401; AFMANs 11-202V1 and V2; and AFMAN 11-202, Volume 3, *Flight Operations*.

5.12.2.4. Flying Experience. Candidates possess a reasonable background of flying experience to have developed desired standard of knowledge, judgment, and proficiency. Normally, these qualities progress together. However, flying hours alone cannot be accepted as criteria for any one or all qualities.

5.12.2.5. Tactical Experience. The instructor is familiar with how their aircraft can be employed.

5.12.3. **Flight Examiner (FE) Upgrade.** FE upgrades and certification are accomplished IAW AFMAN 11-202V2; ACCMAN 11-2BQM-167A, Volume 2, *BQM-167—Aircrew Evaluation Criteria*, and applicable Major Command (MAJCOM) supplements.

## Chapter 6

### CONTINUATION TRAINING (CT)

**6.1. General:** This chapter outlines annual training requirements for the SSAT RPs and SSAT Mission Commanders (DMC/“Mike”).

**6.2. Ground Training:** Ground training will be accomplished IAW [Table 6.1](#). The table is a single-source reference for MDS-specific ground training only. Waiver authority for each event is IAW the reference directive. Where discrepancies exist, the reference directive takes precedence. Ground training accomplished during X-Ray QT may be credited toward CT requirements for the training cycle in which it was accomplished.

**6.3. Risk Management Training and Crew Resource Management (CRM) Training:** RPs (X-Rays and Yankees) and SSAT Mission Commanders (Mikes) must complete and remain current in Risk Management training and CRM training IAW AFMAN 11-290, *Cockpit/Crew Resource Management and Threat & Error Management Program*. Any Risk Management training that is fulfilled by aircrew members in compliance with any other MDS Volume 1 training manual is valid and shall be accepted to fulfill this requirement. Example: A QF-16 pilot or E-9A pilot who completes Risk Management Training under the provisions of ACCMAN 11-2QF-16, Volume 1, *QF-16—Aircrew Training*, or ACCMAN 11-2E-9, Volume 1, *E-9—Aircrew Training*, shall be deemed current for the purposes of Risk Management in the BQM-167A SSAT as well. However, if there are any RPs of Mission Commanders who are solely qualified in the BQM-167 and who do not maintain Risk Management or CRM currency in another aircraft, they must gain and maintain Risk Management and CRM currency IAW AFMAN 11-290 as a prerequisite to remote control, manage, or command BQM-167 operations.

**6.4. Instrument Refresher Course (IRC):** The BQM-167A is operated by the sole reference to instruments. Every RP of the BQM-167A must maintain currency and qualification in the IRC IAW AFMAN 11-210, *Instrument Refresher Program (IRP)*, and AFMAN 11-202V1. If a BQM-167 RP fulfills this IRC requirement as a requisite for manned flight in any other aircraft, that training shall be valid for purposes of remotely flying the BQM-167. If the BQM-167 RP is not qualified in any other aircraft, they must still gain and maintain currency in the IRC IAW AFMAN 11-210 and AFMAN 11-202V1 as a requirement to remotely pilot the BQM-167, tailored to the BQM-167A.

**6.5. Simulator (SIM):** EPs and Mission SIM training requirements will be accomplished at TCS. The 82 ATRS/CC will determine the required supervision for CT SIM missions, based on SIM capabilities, and mission training objectives. 82 ATRS will develop scenarios that cover both EP and mission SIM events based on expected employment tasking and general systems knowledge requirements. Emphasis should be placed on training/events not readily attainable/experienced during daily mission activities. The 82 ATRS will review scenarios each training cycle and update as required.

**6.6. Situational Emergency Procedures Training (SEPT):** This training is not an evaluation but a review of abnormal/EPs and SSAT systems operations/limitations during realistic scenarios. One RP should present a situation and another should discuss actions necessary to cope with the malfunction and carry it to a logical conclusion. Incorporate the following elements into SQ SEPT training programs:

6.6.1. 82 ATRS/CC or DO will provide oversight of SEPT topic selection.

6.6.2. Develop SEPT scenarios using SSAT mishaps/incidents.

6.6.3. Discuss at least two EPs for each phase of flight during the SEPT session. SEPT training will be accomplished quarterly. Failure to accomplish will result in grounding until subsequently completed.

**6.7. Multiple Qualification.** Multiple qualifications in FSAT, SSAT, and E-9A or QF-16 is authorized and will be annotated on the LOX.

**6.8. Currencies/Re-currencies/Re-qualifications.** Currency **Table 6.1.** Defines currency requirements for all SSAT X-Ray RPs. If an X-Ray RP loses currency, that mission/event may not be performed. (T-2)

**Table 6.1. Currencies:**

<b>CONTROLLER CURRENCIES / REQUIREMENTS</b>					
<i>Event</i>	<i>To Update accomplish:</i>	<i>INEXP</i>	<i>EXP</i>	<i>To regain currency</i>	<i>Notes</i>
SSAT Mission	Live mission	30	45	Event/SIM	1, 2
SSAT SIM	A SIM	30	45	Event	4
SSAT SIM CRIT PROF	A SIM	15	15	Event	5
SEPT	EVENT	Quarterly	Quarterly	Event	3
1. 90 days or less – Recur SIM 2. Greater than 90 days – Recur SIM with a current IP 3. Jan, Apr, Jul and Oct 4. SIM updates SSAT Mission requirement 5. Event only accomplished as required for specific mission needs					

**6.9. Annual Requirements:** Not Applicable.

DAVID G. SHOEMAKER, Major General  
Director of Operations

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

ACCI 11-464, *Training Records and Performance Evaluation in Formal Flying Training Programs*, 27 September 2023

ACCMAN 11-2BQM-167AV2, *BQM-167A—Aircrew Evaluation Criteria*, 6 March 2025

ACCMAN 11-2E-9V1, *E-9—Aircrew Training*, 26 February 2025

ACCMAN 11-2QF-16V1, *QF-16—Aircrew Training*, 1 October 2024

AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020

AFMAN 11-202V1, *Aircrew Training*, 27 September 2019

AFMAN 11-202V2, *Aircrew Standardization and Evaluation Program*, 30 August 2021

AFMAN 11-202V3, *Flight Operations*, 10 January 2022

AFMAN 11-210, *Instrument Refresher Program (IRP)*, 21 December 2021

AFMAN 11-290, *Cockpit/Crew Resource Management and Threat & Error Management Program*, 25 October 2021

DAFMAN 11-401, *Aviation Management*, 27 October 2020

DAFMAN 90-161, *Publishing Processes and Procedures*, 18 October 2023

***Prescribed Forms***

None

***Adopted Forms***

AF Form 8, *Certificate of Aircrew Qualification*

AF Form 8a, *Certificate of Universal Aircrew Qualification*

DAF Form 847, *Recommendation for Change of Publication*

***Abbreviations and Acronyms***

**AATTCS**—Advanced Aerial Threat Target Control System

**ACC**—Air Combat Command

**ACCI**—Air Combat Command Instruction

**AFB**—Air Force Base

**AFI**—Air Force Instruction

**AFSC**—Air Force Specialty Code

**ARMS**—Aviation Resource Management System

**ATRS**—Aerial Targets Squadron

**CC**—Commander  
**CMR**—Combat Mission Ready  
**CRM**—Crew Resource Management  
**CT**—Continuation Training  
**DAF**—Department of the Air Force  
**DAFMAN**—Department of the Air Force Manual  
**DMC**—Drone Mission Commander  
**DO**—Director of Operations  
**EP**—Emergency Procedure  
**EXP**—Experienced  
**FE**—Flight Examiner  
**FSAT**—Full Scale Aerial Target  
**FSO**—Flight Safety Officer  
**IAW**—In Accordance With  
**IQT**—Initial Qualification Training  
**IRC**—Instrument Refresher Course  
**IRP**—Instrument Refresher Program  
**LOX**—Letter of Xs  
**MAJCOM**—Major Command  
**MDS**—Mission Design Series  
**N-CMR**—Non-Combat Mission Ready  
**NULLO**—Not Under Live Local Operator  
**OG**—Operations Group  
**OPR**—Office of Primary Responsibility  
**QT**—Qualification Training  
**RCO**—Range Control Officer  
**RDO**—Range Destruct Officer  
**RP**—Remote Pilot  
**SSAT**—Sub Scale Aerial Target  
**SELO**—Squadron Standardization/Evaluation Liaison Officer  
**SEPT**—Situational Emergency Procedures Training  
**SIM**—Simulator

**SPINS**—Special Instructions

**SQ**—Squadron

**TCS**—Target Control System

**UIRP**—Upgrading Instructor Remote Pilot

**URP**—Upgrading Remote Pilot

**WEG**—Weapon Evaluation Group

**WG**—Wing

**WITS**—White Sands Missile Range Integrated Target System

**WSEP**—Weapon System Evaluation Program

**WSMR**—White Sands Missile Range

### *Office Symbols*

**53 WEG/CC**—53d Weapons Evaluation Group Commander

**82 ATRS/CC**—82d Aerial Targets Squadron Commander

**82 ATRS/DO**—82d Aerial Targets Squadron Director of Operations

**ACC/A3**—Air Combat Command Director of Operations

### *Terms*

**Aircrew**—For the purpose of this manual, aircrew is defined as any current and qualified, rated officer performing BQM-167A RP duties and a current and qualified.

**Certification**—Procedure used to document competency in a particular task. Not interchangeable with “qualification,” which requires AF Form 8, *Certificate of Aircrew Qualification*/AF Form 8a, *Certificate of Universal Aircrew Qualification*, documentation.

**Continuation Training (CT)**—Training to maintain proficiency and improve aircrew capabilities to perform unit missions not flown in formal syllabus missions, tests, or evaluations.

**Currency**—A measure of how frequently and/or recently a task is completed. Currency requirements should ensure the average aircrew member maintains a minimum level of proficiency in a given event.

**Initial Qualification Training (IQT)**—Training needed to qualify aircrew for basic aircrew duties in an assigned crew position for a specific aircraft, without regard for the unit’s operational mission.

**Mission Qualification Training (MQT)**—Training required to achieve a basic level of competence in unit’s primary tasked missions.

**Mission Sortie**—A live flight mission flown in training or operational missions.

**Operations Supervisor**—Any of the following: SQ/CC, SQ/DO, Assistant Operations Officer (ADO), flight commander or person specifically designated by the SQ/CC. Except for SQ/CC,

SQ/DO, and ADO, appointment must be endorsed by the OG/CC, and certification will be documented on unit LoX.

**Proficiency**—Demonstrated ability to accomplish tasked event expediently, safely and accurately.

**Situational Emergency Procedures Training (SEPT)**—A discussion and review of abnormal/EPs and aircraft systems operations/limitations based on realistic scenarios.

**Specialized Training**—Training in specialized tactics, weapons systems, or flight responsibilities such as FL, instructor, FE. This training may be conducted in MQT or CT, as required.

**Target Control System (TCS)**—either AATTCS at Tyndall AFB, or White Sands Missile Range (WSMR) Integrated Target System (WITS) at Holloman AFB.

**Training Cycle**—The training cycle is aligned on an annual cycle from 1 October – 30 September.

**X-Ray**—TCS SSAT primary RP for SSAT missions.

**Yankee**—Assistant RP for unmanned SSAT missions.