

**BY ORDER OF THE COMMANDER
AIR EDUCATION AND TRAINING
COMMAND**

**AIR EDUCATION AND TRAINING
COMMAND MANUAL 11-2AA,
VOLUME 1**



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Flying Operations

AIR ADVISOR AIRCREW TRAINING

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This manual implements Air Force Policy Directive (AFPD) 11-2, *Aircrew Operations* and AFPD 11-4, *Aviation Service*. It provides guidance and procedures on training Air Education and Training Command (AETC) Air Advisor aircrew, including students in AETC Air Advisor Flight Training courses. It applies to AETC assigned conventional force Air Advisors. This publication does not apply to the United States Space Force, Air National Guard and Air Force Reserve Command and their units, except when assigned as Air Advisors going through AETC aircraft qualification courses. This publication requires the collection and or maintenance of information protected by the Privacy Act of 1974 authorized by Title 37 United States Code, Section 301a and Executive Order 9397. The applicable System of Record Notice F011 AF XO A, Aviation Resource Management System (ARMS) is available at: <http://dpclo.defense.gov/Privacy/SORNs.aspx>. 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 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 the office of primary responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field 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. The authorities to waive wing, unit, delta or garrison level requirements in this publication are identified with a Tier (“T-0, T-1, T-2, T-3”) number following the compliance statement. Submit requests for waivers through the chain of command to the

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SUMMARY OF CHANGES

This document has been revised and should be completely reviewed. Changes include administrative office symbols and reference publications updates.

Chapter 1—GENERAL	4
1.1. Waivers.	4
1.2. Training Objective.	4
1.3. Key Words Explained.	5
1.4. Responsibilities.	5
1.5. Training Programs.	5
1.6. Ready Aircrew Program Management:	5
1.7. Initial Cadre.	6
1.8. Multiple Qualification.	6
1.9. Flight Evaluation Board (FEB).	6
1.10. Training Records and Reports.	6
Chapter 2—QUALIFICATION TRAINING	7
2.1. General.	7
2.2. Prerequisites.	7
2.3. Completion of formal course syllabus objectives by achieving required proficiency level in essential tasks is the minimum requirement for IQT.	7
2.4. IQT for Senior Officers.	7
Chapter 3—MISSION TRAINING	8
3.1. General.	8
3.2. Flight Surgeon/Flight Test Support/X-Prefix Fliers Training:	8
Chapter 4—CONTINUATION TRAINING	9
4.1. General.	9
4.2. Aircrew Status.	9
4.3. Recurrency Training:	9

Chapter 5—SPECIALIZED TRAINING. **10**

5.1. General..... 10

5.2. Instructor Upgrade..... 10

Attachment 1—GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION **11**

Chapter 1

GENERAL

1.1. Waivers. The waiver authority for this publication is AETC Directorate of Operations and Communications (AETC/A3/6) unless specific waiver authority is granted within this manual. Unless otherwise stated in this document, AETC Future Operations Division (AETC/A3X) is the approval authority for individual personnel exceptions to the guidance outlined in this instruction caused by special or unusual circumstances.

1.2. Training Objective. This manual outlines ground and flying training requirements for AETC aircrew assigned as Air Advisors in non-USAF aircraft. It prescribes guidance for training and currency of conventional force Air Advisor crewmembers in AETC training programs, AETC Air Advisor staff and trained AETC crewmembers awaiting deployment according to AFMAN 11-202, Vol 1, *Aircrew Training*. Aircrew members entered into AETC pre-deployment flying training programs in preparation for air advisor duty, including designated flight examiners, are authorized to perform in-flight duties on non-USAF aircraft in accordance with (IAW) Department of the Air Force Manual (DAFMAN) 11-401, *Aviation Management*. This instruction does not authorize deviations from the flight manual or other 11-series instructions.

1.2.1. The overall objective of the aircrew training program is to develop and maintain a high state of mission readiness for immediate and effective employment across the range of Air Advisor aviation operations and environments.

1.2.2. Additional primary objective is to link Air Force Tactics, Techniques, and Procedures (AFTTP) 3-4.5 *Air Advising* and Title 14, Code of Federal Regulations (CFR), Part 61 *Certification: Pilots, Flight Instructors, and Ground Instructors* requirements into mission and continuation training tables.

1.2.3. The secondary objective is to standardize Air Advisor flight training requirements into a single basic document supplemented by aircrew-specific tasking messages as prescribed in AFI 11-200, *Aircrew Training, Standardization/Evaluation, and General Operations Structure*.

1.2.4. Training guidance and requirements are set forth for each phase of aircrew training. The phases are designed to progressively develop the readiness of each aircrew member while maintaining previously acquired proficiency.

1.2.4.1. Qualification Training (**Chapter 2**) qualifies aircrew members for basic aircrew duties on Air Advisor aircraft.

1.2.4.2. Mission Training (**Chapter 3**) qualifies aircrew members for mission specific aircrew duties on Air Advisor aircraft.

1.2.4.3. Continuation Training (**Chapter 4**) provides AETC aircrew members with the volume, frequency and mix of training necessary to maintain proficiency on Air Advisor aircraft to the assigned certification/qualification level.

1.2.4.4. Specialized Training (**Chapter 5**) upgrades aircrew to instructor on Air Advisor aircraft. It also qualifies selected aircrew members in specialized mission operations.

1.3. Key Words Explained.

- 1.3.1. “Will” and “Shall” indicate a mandatory requirement.
- 1.3.2. “Should” is normally used to indicate a preferred, but not mandatory, method of accomplishment.
- 1.3.3. “May” indicates an acceptable or suggested means of accomplishment.
- 1.3.4. “NOTE” indicates operating procedures, techniques, etc., which are considered essential to emphasize.

1.4. Responsibilities.

1.4.1. AETC/A3X acts as Training Command agent IAW AFI 10-4301 Volume 1 *Air Advisor Education and Training* for conventional force training in non-USAF Air Advisor aircraft. AETC/A3X will:

1.4.1.1. Establish training locations/flight training programs to meet Air Advisor flight training requirements as determined by requesting Combatant Command (COCOM)/Major Command (MAJCOM).

1.4.1.2. Determine training requirements for Air Advisor aircrew training and oversee formal school courses and syllabus management, in coordination with the training locations/contracted training providers. Due to the dynamic requirements of Combatant Commanders (CCDR), training requirements and currencies may be altered regularly. These training requirements and currency adjustments will be made via Ready Aircrew Program (RAP) Tasking Memorandum approved by AETC/A3X.

1.4.1.3. Conduct Course Reviews of Air Advisor flight training programs annually. The Course Review will review formal training programs and syllabi for currency, applicability, compliance and effectiveness. Include program managers, user commands, formal schools and standardization officers.

1.4.1.4. Coordinate training changes with COCOM and MAJCOM Air Advisor flying organizations.

1.4.2. Individual aircrew will:

1.4.2.1. Complete training requirements and currencies within the guidelines of this instruction to adequately prepare for and maintain proficiency in assigned flight-related activities.

1.4.2.2. Participate only in missions, events and tasks in which they are qualified or certified, current, and prepared, or being trained for that purpose.

1.5. Training Programs. Air Advisor aircrew training programs are designed to progress aircrew from Initial Qualification Training (IQT), Instructor Qualification Training (as required), Mission Qualification (MQT) (If required), and finally to Continuation Training (CT) (if required).

1.6. Ready Aircrew Program Management:

1.6.1. The AETC RAP training cycle is aligned with the Calendar Year.

1.6.2. AETC/A3X Aircrew will maintain Mission Ready (MR) status IAW this publication and RAP Tasking Message (RTM) requirements. If non-current in a MR event, individuals

will be considered Non-Mission Ready (NMR) until training can be accomplished IAW this publication and the RTM. Pre-deployment training required to prepare MR aircrew for deployed operations will be defined in the RTM and Theater reporting Instructions.

1.6.3. RAP mission and event requirements apply to MR Aircrew including those carrying special capabilities or certifications or qualifications and aircrew preparing for deployed operations. RAP training sessions should emphasize either basic skills or scenarios that reflect procedures and operations based on employment plans, location, current intelligence and opposition capabilities. The RTM establishes the minimum number of missions required for Basic Aircraft Qualification (BAQ) or MR. The RTM takes precedence over this instruction and may contain updated requirements and events not yet incorporated into this instruction.

1.7. Initial Cadre. In the case of a new Air Advisor aircraft or mission set where there is no established cadre of instructors and evaluators, AETC/A3X shall designate an initial cadre of aircrew. Refer to Air Force Manual (AFMAN) 11-202v2 *Aircrew Standardization and Evaluation Program*, for initial cadre guidance. (T-2)

1.8. Multiple Qualification. Qualification in either an Air Advisor training program aircraft and a USAF Mission Design Series (MDS), or more than one Air Advisor program aircraft is authorized in accordance with AFMAN 11-202, Vol 1, *Aircrew Training* once validated by Air Component Commander, other applicable CCDR staff or controlling authority. AETC/A3X can authorize multiple qualifications in support of the Air Advisor mission. To maintain qualification/currency in multiple aircraft (to include series), crewmembers should perform an equitable distribution of events in each aircraft, unless otherwise directed. Any key skills in each aircraft will be designated in the RTM. Students enrolled in the Air Advisor training course are authorized multiple qualifications by AETC during official Air Advisor training unless otherwise stated in this regulation. This authorization does not transcend outside of the official Air Advisor training pipeline or other MAJCOMs unless specifically authorized.

1.9. Flight Evaluation Board (FEB). FEB actions or removal from training will be IAW AFMAN 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Aviation Badges*, AETC Supplement, this instruction and additional applicable guidance as required.

1.10. Training Records and Reports. Training records will be kept IAW training location agreement or through contract requirements. AETC/A3X will receive course critiques and training completion documents IAW contract or agreement requirements.

Chapter 2

QUALIFICATION TRAINING

2.1. General. This chapter outlines Initial Qualification Training (IQT) of aircrew in Air Advisor aircraft. IQT will normally be conducted via USAF flight school, Other Government Agency (OGA) location or a contractor executing an AETC/A3X approved Air Advisor syllabus course whenever possible.

2.2. Prerequisites. Aircrew selected for an Air Advisor Course will send electronic copies of their Flight Evaluation Folder, Current Flying History Report, Individual Training Summary, Individual Data Summary, Physiological Training and DD Form 2992 to AETC Aircrew Training Branch (AETC/A3XF) for review to ensure compliance with the USAF Education and Training Course Announcements (ETCA). Course prerequisites will be IAW the appropriate formal course syllabus.

2.3. Completion of formal course syllabus objectives by achieving required proficiency level in essential tasks is the minimum requirement for IQT. Additional training due to student non-progression is available within the constraints of the formal course syllabus. AETC/A3XF is the waiver authority for additional student sorties or syllabus deviations. Crew/Cockpit Resource Management (CRM) will be included in every syllabus and subsequent evaluation.

2.4. IQT for Senior Officers. All formal Air Advisor Aircrew training courses for senior officers (O-6 selects and above) will be conducted IAW [paragraph 2.2](#) and the following:

2.4.1. Senior Officer Training Coordination. All Senior Officer training is directed by Air Force Senior Leader Management (AF/DPO) in coordination with MAJCOM Senior Leaders Management office. Questions regarding Senior Officer training courses, availability and prerequisites can be forwarded to AETC/A3XF.

2.4.2. AFMAN 11-202, Vol 1, *Aircrew Training* identifies senior officer qualification requirements. See formal course syllabus for additional guidance.

2.4.3. The senior officer qualification courses provide basic aircraft qualification, and each syllabus is tailored to meet theater requirements. Senior Officers are considered BAQ upon completion of training unless otherwise noted. These requirements will be transmitted to AETC/A3XF, and an appropriate syllabus will be developed where none exist.

Chapter 3

MISSION TRAINING

3.1. General. Mission Qualification Training (MQT) is a training program that upgrades IQT graduates to MR status. MQT will normally be conducted by a USAF flight school, OGA or via contracted training executing an AETC-approved Air Advisor syllabus course. Graduates of the AETC-approved course will be proficient in required mission tasks as indicated by the Training Task List/Course Training Standards of the course syllabus.

3.1.1. Approval/Waiver for MQT. Aircrew members will attend the applicable MQT course whenever possible.

3.1.2. In exceptional circumstances, when formal training is not available within a reasonable period of time, individuals may accomplish in-theater MQT with COCOM and gaining Air Advisor SQ/CC approval.

3.2. Flight Surgeon/Flight Test Support/X-Prefix Fliers Training:

3.2.1. Ground Training. Flight Surgeons and flight test support personnel (Flight Test Engineers and/or Flight Test Pilots) will accomplish the following training before the initial flight briefing: Aircraft general review and egress training. Any additional training will be included in the RTM.

3.2.2. Flight Training. The first flight in an Air Advisor aircraft may be flown in conjunction with other training sorties. The briefing and sorties will emphasize flight control interference avoidance (if applicable), communications and equipment and performance envelope.

3.2.3. Requirements. Flight Surgeon and X-Prefix Fliers sortie requirements are IAW AFMAN 11-202v1.

Chapter 4

CONTINUATION TRAINING

4.1. General. This chapter outlines ground and flying training requirements for MR Aircrew. Additionally, this chapter established pre-deployment training to be used to prepare aircrew for deployed operations. Air Advisor Aircrew must be qualified IAW DAFMAN 11-401, AETCMAN 11-2AA Volume 1/Volume 2, and AFMAN11-202 Volume 1/Volume 2.

4.2. Aircrew Status. Ground Training. Ground training will be specified in the RTM. Waiver authority for the ground training specified is IAW the reference directive. Where discrepancies exist, the reference directive takes precedence. Ground training accomplished during IQT/MQT may be credited toward CT requirements for the training cycle in which it was accomplished.

4.3. Recurrency Training:

4.3.1. Non-current. Currency expires if an event is not accomplished at the end of the designated currency time period. Events are delinquent on the first day after the allotted time period.

4.3.2. Loss of Currency up to 6 Months. An aircrew member must demonstrate proficiency with a like crew position instructor in all delinquent items. Where no like crew position instructor exists, AETC/A3X will determine instructor requirements.

4.3.3. Loss of Currency Exceeding 6 Months. Complete training in all delinquent items (as applicable), additional training as directed by AETC/A3X, and a requalification evaluation IAW AFMAN 11-202, Vol 2, *Aircrew Standardization and Evaluation Program* and AETCMAN 11-2AA, Vol 2, *Air Advisor Aircrew Evaluation Criteria*.

Chapter 5

SPECIALIZED TRAINING.

5.1. General. Specialized training is training in special tactics or events as directed by AETC/A3XF. This training may be conducted in conjunction with IQT, MQT, or CT. Specialized training, if required will be added to each Performance Work Statement (PWS), contract and/or syllabus and if required, event identifiers will be added to the RTM.

5.2. Instructor Upgrade. Due to the inherent nature of instructing in the Air Advisor (AA) mission, AA flight training courses desired result is Instructor qualification in the crew position (unless specifically noted). The streamlined duration of Air Advisor courses necessitates previous qualification as an instructor crewmember so that the airmen's previous instructor skills may be easily transferred to the Air Advisor aircraft. All instructor candidates must meet the ETCA listed prerequisites. AETC/A3XF will review each instructor candidate's qualifications and submit AETC Form 6, *Waiver Request*, if required.

RANDY P. OAKLAND, Brigadier General, USAF
Director of Operations and Communication

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

37 USC § 301a, *Incentive Pay: Aviation Career*

EO 9397, *Numbering System for Federal Accounts Relating to Individual Persons*

14 CFR Part 61, *Certification: Pilots, Flight Instructors, and Ground Instructors*, current edition

AFPD 11-2, *Aircrew Operations*, 31 January 2019

AFPD 11-4, *Aviation Service*, 12 April 2019

AFI 10-4301 Volume 1, *Air Advisor Education and Training*, 14 December 2020

AFI 11-200, *Aircrew Training, Standardization/Evaluation, and General Operations Structure*, 03 May 2022

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

AFMAN 11-202 Volume 1, *Aircrew Training*, 27 September 2019

AFMAN 11-202 Volume 2, *Aircrew Standardization and Evaluation Program*, 30 August 2021

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

AFMAN 11-402, *Aviation and Parachutist Service*, 24 January 2019

AFTTP 3-4.5, *Air Advising*, 12 June 2020

AETCMAN 11-2AA Volume 2, *Air Advisor Aircrew Evaluation Criteria*, 11 April 2019

Prescribed Forms

None

Adopted Forms

DD Form 2992, *Medical Recommendation for Flying or Special Operational Duty*

DAF Form 847, *Recommendation for Change of Publication*

AETC Form 6, *Waiver Request*

Abbreviations and Acronyms

AA—Air Advisor

AETC—Air Education and Training Command

AFI—Air Force Instruction

AFMAN—Air Force Manual

AFPD—Air Force Policy Directive

AFTTP—Air Force Tactics, Techniques, and Procedures

ARMS—Aviation Resource Management System
BAQ—Basic Aircraft Qualification
CCDR—Combatant Commander
CFR—Code of Federal Regulations
COCOM—Combatant Command
CRM—Cockpit/Crew Resource Management
CT—Continuation Training
DAFMAN—Department of the Air Force Manual
ETCA—Education and Training Course Announcements
FEB—Flying Evaluation Board
FMP—Flight Manuals Program
IAW—In Accordance With
IQT—Initial Qualification Training
MAJCOM—Major Command
MDS—Mission Design Series
MQT—Mission Qualification Training
MR—Mission Ready
NMR—Non-Mission Ready
OGA—Other Government Agency
OPR—Office of Primary Responsibility
PWS—Performance Work Statement
RAP—Ready Aircrew Program
RTM—RAP Tasking Message

Office Symbols

AF/DPO—Air Force Senior Leader Management
AETC/A3/6—Directorate of Operations and Communications
AETC/A3X—Future Operations Division
AETC/A3XF—Aircrew Training Branch