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Maintenance

**2D AIR FORCE TRAINING
EQUIPMENT SUPPORT**



COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction establishes responsibilities and procedures for managing Air Education and Training Command (AETC) training equipment supported by the 2d Air Force (2 AF) (equipment designed to facilitate training and used for instructional purposes, including ground instructional training aircraft [GITA]). This equipment does not include aircrew training devices. This instruction implements AFPD 21-1, *Managing Aerospace Equipment Maintenance*, and applies to all AETC units. Send waiver requests and recommendations to change or improve this instruction on AETC Form 1236, **Request for Improving/Changing AETC Maintenance Regulations/Instructions**, through the group commander (squadron commander if not assigned to a group) for approval to 2 AF/LG, 721 Hangar Road, Suite 102, Keesler AFB MS 39534-2804, for final coordination and approval. If approved by 2 AF/LG the request is forwarded to Policy and Procedures (HQ AETC/LGM). See [Attachment 1](#) for references related to the requirements of this instruction and acronyms and terms used in this instruction.

Section A—Training Equipment Management Overview

1. Key Players, Responsibilities, and Relationships. (Figure 2.1):

- 1.1. HQ AETC directorates (logistics [LG], technical training [TT], command, control, communications, and computers [SC], plans and operations [XO], etc.) provide instructions and resourcing support.
- 1.2. The 2 AF/LG is the focal point within AETC and is responsible for "cradle to grave" support for all AETC training equipment, as described in the purpose statement. The 2 AF/LG guides and assists logistics support and training resources functions at AETC training wings (TRW) and training groups (TRG) for the management and support of training equipment.
- 1.3. Logistics support and training resource functions are located within AETC TRWs and TRGs; they can be flights, sections, or elements. They work with each other to support specific categories of

training equipment within AETC, regardless of physical location. Basic categories are, but not limited to, the following:

1.3.1. The 37 TRW is responsible for cryptographic, electronic principles, security police, and vehicle operations and maintenance training equipment.

1.3.2. The 81 TRW is responsible for radar, electronics, communications, computer, and navigation training equipment.

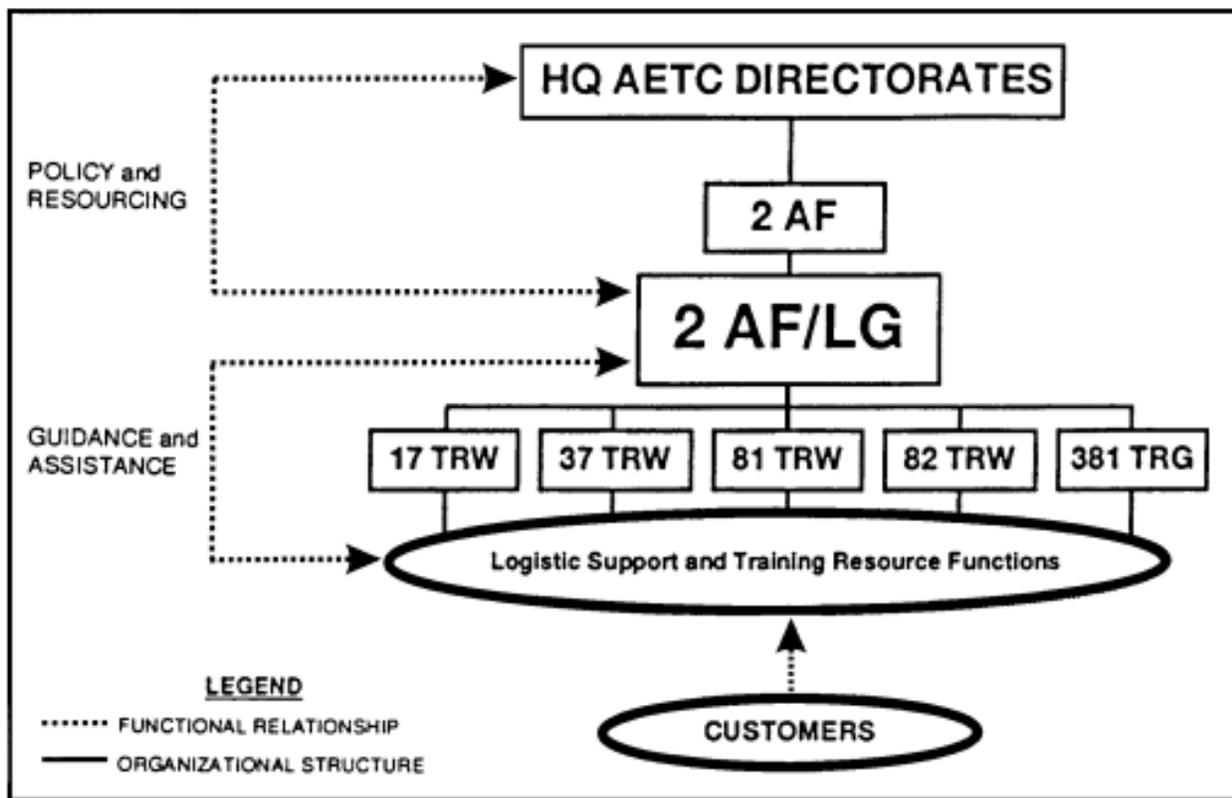
1.3.3. The 82 TRW is responsible for medical, dentistry, armament, munitions, avionics, aerospace ground equipment electronic telephone and switching equipment, and civil engineering and aircraft ground maintenance training equipment, including GITAs.

1.3.4. The 17 TRW is responsible for cryptologic, intelligence, fire protection, and special instrumentation training.

1.3.5. The 381 TRG is responsible for space and missile training equipment.

1.4. "Customers" is defined in [Attachment 1, Section C](#).

Figure 1. Training Equipment Management.



Section B—Systems Acquisition

2. Program Management Directive (PMD). The PMD is the official Air Force document used to direct acquisition or modification responsibilities to major commands (MAJCOM) for the development, acqui-

sition, or modification of a specific weapon system, subsystem, or piece of equipment. Training systems should be acquired or modified with their respective weapon systems. AETC responsibilities and support requirements for each program are in the PMD. Specific procedures pertaining to the acquisition process are in DOD 5000.2/AF Supplement 1, *Defense Acquisition Management Policies and Procedures*.

3. HQ AETC/XOR Responsibilities:

- 3.1. Establishes command acquisition policy and procedures.
- 3.2. Receives and coordinates the review of Air Force and potential joint mission needs statements (MNS) and operational requirements documents (ORD).

4. HQ AETC/TTR Responsibilities:

- 4.1. Receives and reviews the PMD, MNS, and ORD.
- 4.2. Reviews Air Force and potential joint MNS, ORD, and other related documents.
- 4.3. Ensures full AETC support is provided for technical training as directed in the PMD.
- 4.4. Coordinates with other HQ AETC directorates and Numbered Air Forces (NAF). Ensures responsibilities for accomplishing PMD requirements are delegated to the NAFs.
- 4.5. Once a wing is designated to provide technical training, delegates PMD responsibilities for technical training system acquisition to 2 AF/LG.
- 4.6. Develops instructions and provides resourcing for all technical training.
- 4.7. For major systems, designates a lead technical training wing for each subsystem.
- 4.8. Updates the program technical training (PTT), using inputs from the NAF according to AETCR 27-1, *"P" Series Program Documents*.
- 4.9. For HQ AETC/TTR managed acquisition programs:
 - 4.9.1. Validates requests for type I special training.
 - 4.9.2. Provides guidance and management for the identification, programming, acquisition, acceptance, and disposition of technical training equipment and training spares requirements. The 2 AF/LG will be contacted upon initial identification of training requirements and will be provided periodic updates during programming acquisition process.
 - 4.9.2.1. Directs, controls, and manages AETC technical assistance to the acquisition program office for developing specifications, logistic requirements, and statements of work for training equipment.
 - 4.9.2.2. Provides HQ AETC/LG information on equipment programmed for technical training.
 - 4.9.2.3. Establishes required delivery dates for training equipment as the latest date the equipment and training spares can be delivered to meet the approved schedule.

5. 2 AF/LG Responsibilities:

- 5.1. Performs duties according to AETCR 23-4, *2d Air Force*.

- 5.2. Contact program managers after PMD is delegated to 2 AF/LG.
- 5.3. Delegates appropriate responsibilities to TRWs.
- 5.4. Coordinates on PTT inputs and periodic reports prior to wing submission to HQ AETC/TTR.
- 5.5. Coordinates on AETC-funded budget requests and unfunded requirements prior to submission through comptroller channels (**NOTE:** Most acquisition programs are budgeted and funded by the applicable system program office [SPO].)

6. TRW or TRG Responsibilities:

- 6.1. Provides acquisition program support as delegated by 2 AF/LG.
- 6.2. Works directly with the SPO to provide technical expertise for training system acquisition.
- 6.3. Informs appropriate 2 AF/LG staff on program status to include any equipment issues.
- 6.4. Requests 2 AF/LG resolution or assistance on issues that cannot be resolved at wing (or group) level.

7. 602d Training Support Squadron (602 TRSS) Responsibilities:

- 7.1. Provides acquisition support as required by 2 AF/LG.
- 7.2. Develops training system requirements and assesses contractor development efforts.
- 7.3. Provides consultants for training and training equipment functional specification development.

Section C—Logistics Support

8. Introduction. Training equipment logistics support is established in the acquisition phase and continues throughout the remainder of the equipment's life cycle. This includes, but is not limited to, technical data, engineering design, configuration control, reliability, maintainability, transportability, and spares.

9. HQ AETC/LG Responsibilities:

- 9.1. Establishes command instructions and procedures for logistical support of all AETC training equipment (AETCI 21-101, volume 2, *Maintenance Management of Aerospace Equipment*, chapter 24, and AETCI 21-109, *2d Air Force Training Equipment Support*).
- 9.2. Receives, reviews, coordinates logistical support requirements with HQ USAF and MAJCOMs.
- 9.3. (HQ AETC/LGXP) receives all provisioning conference notifications established by the Air Force Materiel Command (AFMC) and distributes them to the appropriate NAF.

10. HQ AETC/TTR Responsibilities:

- 10.1. Identifies procedural methodology for acquiring funding of trainers and support equipment.
- 10.2. Works funding requirements.

11. 2 AF/LG Responsibilities:

- 11.1. Oversees logistical support, to include contractor logistics support (CLS) and trainer maintenance contracts, for all training equipment (except aircrew training devices) within AETC, regardless of physical location.
- 11.2. Delegates logistical support responsibilities as required.
- 11.3. Provides centralized staff management of AETC trainer development activities at Randolph, Kirtland, Keesler, and Sheppard AFBs (AETCI 21-109).

12. Logistic Support Function (TRW, TRG, or LG). Logistics support functions (LGXS or equivalent) are the AETC representatives for participation in the establishment of training equipment logistics. The logistics support function:

- 12.1. Participates in the selection of data for logistics, source selection evaluations (for logistics impact) of contractor designed or developed equipment, provisioning, selection of initial spares, and other actions required to obtain equipment for maintenance supply support.
- 12.2. Ensures (during the acquisition cycle) technical orders are in military standard format with maintenance and supply information included.
- 12.3. Confirms availability, control, and disposition of government-furnished equipment to support contractor (type 1) training.
- 12.4. Serves as a member of the wing configuration control board for equipment subject to configuration management and is the office of record for contractor, depot, field, and locally initiated modifications.
- 12.5. Ensures logistical support requirements for all training equipment are identified, documented, authorized, programmed, and introduced into supply and maintenance channels on a timely basis.
- 12.6. Requests 2 AF/LG assistance on training equipment issues that cannot be resolved at wing or group level.
- 12.7. If applicable, provides daily monitoring (surveillance) of CLS and trainer maintenance contracts in accordance with AETCI 21-107, *Maintenance Contract Surveillance*, and other related publications.

13. Training Resource Function (TRW, TRG, or LG). Training resource function (training support squadron TTOR or equivalent):

- 13.1. Develops, consolidates, validates, and submits resource request inputs needed to establish new training courses or updates to existing courses.
- 13.2. Tracks anticipated training deficiencies and takes appropriate action to prevent actual training deficiencies (for existing equipment).
- 13.3. Advises on facilities requirements for new or revised training equipment requirements.

13.4. Requests 2 AF/LG assistance on equipment resourcing issues that cannot be resolved at wing or group level.

DENNIS G. HAINES, Brig Gen, USAF
Director of Logistics

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

AETCI 21-101, volume 2, *Maintenance Management of Aerospace Equipment*
AETCI 21-107, *Maintenance Contract Surveillance*
AETCI 21-109, *2d Air Force Training Equipment Support*
AETCR 23-1, *Headquarters Air Education and Training Command*
AETCR 23-4, *2d Air Force*
AETCR 23-40, *Air Training Command Centers*
AETCR 27-1, *"P" Series Program Documents*
AETCR 52-9, *Guide for Type 1 Training*
AETCR 70-2, *Aircraft and Trainer Maintenance Contract Modification Procedures*
AFI 63-101, *Acquisition System*
AFPAM 36-2211, *Guide for Management of Air Force Training Systems*
AFPD 21-1, *Managing Aerospace Equipment Maintenance*
AFR 23-6, *Air Education and Training Command* (formerly AFR 23-6)
DOD 5000.2/AF Supplement 1, *Acquisition Management Policies and Procedures*

Abbreviations and Acronyms

CLS—contractor logistic support
GITA—ground instructional training aircraft
MAJCOM—major command
MNS—mission need statement
NAF—Numbered Air Force
ORD—operations requirements document
PMD—program management directive
PTT—program technical training
SPO—system program office
TRG—Training Group
TRW—Training Wing

Terms

Aircrew Training Devices—Equipment supported by 19 AF and used to train aircraft, missile, and space

system operators, to include aircraft and simulators.

Customer—Any AETC organization that possesses training equipment.

Training Equipment—Equipment supported by 2 AF which includes all training equipment within AETC designed to facilitate training and used for instructional purposes, to include GITAs. It does not include aircrew training devices.