

11 June 1998



Maintenance

**SUPPORT EQUIPMENT (SE)
DOCUMENTATION/INSPECTION**

NOTICE: This publication is available digitally on the HQ AFRC WWW site at: <http://www.afrc.af.mil> and the AFRCEPL (CD-ROM) published monthly.

OPR: 926LG/LGQ (MSgt Randal McGee)
Supersedes 926FGR 66-27, 11 March 1994)

Certified by: 926LG/CC (LtCol Anthony Gonzales)
Pages: 5
Distribution: F

This Fighter Wing Instruction (FWI) implements AFRPD 21-1, *Managing Aerospace Equipment Maintenance*. It establishes inspection requirements for items of support equipment not specifically identified in Technical Order (T.O.) 00-20-7, *Inspection System, Documentation, and Status Reporting for Support and Training Equipment*.

SUMMARY OF REVISIONS

This revision deletes reference number, 2.1.4 revises series number, referenced directive, language, format, equipment in paragraphs 2.1.4 and 3.1 and location in paragraph 4, 4.1, 4.2, 4.3. Adds paragraphs 4.4 and 4.5. A (I) indicates revisions from the previous edition.

1. Responsibilities . This FWI is applicable to all 926th Logistics Group (LG) and 706th Fighter Squadron Maintenance (FSM) workcenters assigned support equipment.

1.1. The owning workcenter is responsible for assuring equipment is properly serviced and safe for use prior to dispatch or operation; properly identified; technical orders are coordinated with Quality Assurance (LGQ). Documentation of operator inspection on support equipment is not required, but operator's inspection should be accomplished. Documentation of operator's inspection on industrial equipment, as required per T.O. 34-1-3, *Inspection and Maintenance of Machinery and Shop Equipment*, is documented on equipment that required AFTO Form 244, **Industrial/Support Record**.

2. Documentation :

2.1. AFTO Forms 244, 245, **Industrial/Support Equipment Records**, and AFTO Form 95, **As Required Significant Historical Data**, are used to record maintenance actions and historical data for:

2.1.1. Powered Aerospace Ground Equipment (AGE). Example:

- + -60 Generator
- + MC-1A Air Compressor

- + MJ-1 Bomb Lift
- + MHU-83 Bomb Lift
- + C-10 Air Conditioner
- + MC-7 Air Compressor
- + MC-2A Air Compressor
- + H-1 Heater
- + Deicer Unit
- + -86 Generator
- + TF1 Light Unit
- + NF2(D) Light Unit.

2.1.2. Non-Powered AGE. Example:

- + Maintenance Stands
- + "A" Frame
- + Aircraft Jacks/Towbars
- + Munitions and Engine Trailers
- + Gaseous Nitrogen Carts
- + Slings
- + LOX Cart
- + Liquid Nitrogen Cart
- + Cobra Crane
- + Centerline Tank Dolly
- + Engine Oil Service Cart

2.1.3. Test, Measure, and Diagnostic Equipment (TMDE). Example:

- + Engine Test Stand
- + Bench Mockups
- + Shop Test Stands
- + NDI Equipment
- + Stationary Hydraulic Test Stand
- + Precision Measurement Equipment (PME)

NOTE: AFTO Forms 244 are not required on Test Measurement and Diagnostic Equipment (TMDE) that is calibrated by the user, or Precision Measurement Equipment (PMEL) on a scheduled basis, and the inspection or maintenance requirement is accomplished as part of the calibration.

2.2. Inspection and maintenance of machinery and shop equipment, FSG 3400, for which inspection or maintenance requirements are not specified in T.O.s, is documented on AFTO Form 244 or DD Form 1574, **Serviceable Tag**; DD Form 1577, **Unserviceable Tag**; or DD Form 1577-2, **Condition Tag**. (Reference: T.O. 00-20-7 and T.O. 34-1-3).

2.2.1. Machinery and shop equipment, for which periodic recurring inspection or maintenance actions are not required, must be categorized as on-condition maintenance equipment and tagged with DD Form 1574, 1577, or 1577- 2, whenever the equipment is in other than full serviceable condition. Example:

- + Mech Arbor Press
- + Small Drill Presses
- + Bench Grinders

2.2.2. AFTO Form 244 is used when recurring inspection and maintenance requirements have been determined necessary. Example:

- + Metal Cutting Machines
- + Lathes
- + Drill Presses
- + Metal Forming Machines
- + Welding and Heat Treat Equipment
- + Shop Support Air Compressors
- + Sewing Machines
- + Electrical and Ultrasonic Erosion Machine
- + Hydraulic Presses
- + Bead Blaster
- + Metal Disintegrator

NOTE: Condition status tags are also used when the equipment is unsafe for operation.

2.3. When the equipment forms are not kept on the equipment, the operator attaches an AFTO Form 350, **Repairable Item Processing Tag**, to the equipment when a discrepancy is discovered. The repairing activity removes the AFTO Form 350 at the time the discrepancy is corrected, or when it is transcribed to the AFTO Form 244 or AFTO Form 245.

3. Inspection:

3.1. Support equipment for which inspection requirements are not specified in technical orders:

<u>Equipment</u>	<u>Inspect/Directive</u>	<u>Freq</u>
AN/AIC-18 Mockup	CL926LG-60-1	180 Day

AN/ALE-40 Chaff/Flare Mockup	CL926/LG-60-1	180 Day
AN/ARC-164 UHF Mockups	LCL926/LG-60-1	180 Day
AN/ARN-118 TACAN Mockup	LCL926/LG-60-1	180 Day
AN/ARN-108 ILS Mockup	LCL926/LG-60-1	180 Day
AN/ARC-186 VHF Mockup	LCL926/LG-60-1	180 Day
AN/AXM-8A CTVS Test Set	LCL926/LG-60-1	180 Day
SONY PVM-2030 Video Monitor	LCL926/LG-60-1	180 Day
VG-030R AVTR Test Set	LCL926OG/LG-60-1	180 Day
VO-9600	LCL926OG/LG-60-1	180 Day
VG-030R AVTR TS	LCL926/LG-60-1	180 Day
APX 101 1FF MOC/LVP	LCL926/LG-60-1	180 Day

3.2. Wall chart or computerized scheduling is used to schedule and control Safety (SE) inspections, excluding 30-day or less inspections.

4. Forms Maintenance . AFTO Forms 244/245 are maintained on, or attached to, all support equipment except when size or use of equipment makes it hazardous or impractical for the forms to accompany the equipment. AFTO Forms 244/245 on support equipment that meet the requirements of the exception above are authorized to be maintained in a specific, separate file(s), identified below by nomenclature, located with the equipment custodian.

4.1. The following are stored in Building 90, file 23.

Adapter Assembly (8 ea) M-10

Support Set (7 ea) MHU-25

TGM-65B (11ea)

TGM-65D (9ea)

TGM-65G (4ea)

TGM-65 Load Trainer (4ea)

TGM-65 Maintenance Trainer (2ea)

AIM-9 M Captive Flight (18ea)

AIM-9M Load Trainer (2ea)

4.2. The following is stored in Building 385, tool room.

Axle Jack (2 ea) 15 ton

4.3. The following are stored in building 386, IATS Shop:

Equipment

AN/ARN-108 Mock-up

AN/ARN-118 Mock-up

AN/ARC-164 Mock-up

AN/ARC-186 Mock-up

AN/APX-101 Mock-up

4.4. The following are stored in BLDG 197 ECM Shop:

AN/ALE-40 Mock-up

ANALR-69 Mock-up

POD Wiring Tester

4.5. The following are stored in BLDG 386 Photo Sensor:

AN/AXM-8A CTVS TS

PVM-2030 VIDEO MONITOR

VG-030R AVTR TS

VO-9600 VIDEO RECORDER

JIM G. MILLS, Colonel, USAFR
Commander