BY ORDER OF THE CHIEF,
NATIONAL GUARD BUREAU

ANGMS 2527GD
25 JANUARY 1995

STORAGE/HANDLING MISSILE MAINTENANCE, AIR-TO-GROUND

(F-16)

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1. **Objective.** As prescribed in AFI 38-201, *Determining Manpower Requirements*, this Air National Guard Manpower Standard (ANGMS) quantifies the manpower required to accomplish the tasks described in the work center description.

2. **Authority.** Air National Guard Regulation 66-14, *Maintenance Management*, 13 July 1988, contains policy and procedural guidance for the Storage/Handling Missile Maintenance, Air-to-Ground work center. This ANGMS has been developed in accordance with procedures contained in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, (formerly AFR 25-5).

3. **Applicability.** Applies to ANG F-16 Fighter Wings, Groups, and the 114th Fighter Squadron. Excludes the 162nd Fighter Group and the 184th Fighter Group. This standard applies only to peacetime operations.

4. **Standard Data:**
   a. Classification. Type II.
   b. Approval Date. 1 August 1992.
   c. Man-hour Data Source. Operational Audit method (historical record and technical estimate techniques).
   d. Standard Man-Hour Equation. Y = 106.1 + 2.727X.
   e. Workload Factor:
      (1) Title. A Programmed Flying Hour.
      (2) Definition. The average monthly programmed flying hours.
      (3) Source. USAF Program Document, Volume II, maintained by NGB/FM.

5. **Application Instructions:**
   a. The valid man-hour range for this ANGMS 782.59 through 1599.47.
   b. This ANGMS is appropriate for use with all peacetime civilian man-hour availability factors.
   c. Refer to the appropriate column in the standard manpower table at attachment 2 to determine the required specialty.

6. **Statement of Conditions:**
   a. There were no general conditions (environmental, equipment,or facility) which had an impact on the development or application of this manpower standard.
   b. There were no approved enhancements that impacted the man-hour equation for this work center.

DONALD W. SHEPPERD
Major General, USAF
Director, Air National Guard

OFFICIAL

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2 Attachments
1. Work Center Description
2. Standard Manpower Table

OPR: ANGRC/XPME (Ms. D. Reamy)

Certified by: NGB/CF (Col P.S. Kimmel)
Pages: 5/Distribution: F, X

WORK CENTER DESCRIPTION

Storage/Handling Missile Maintenance, Air-to-Ground

(F-16)

DIRECT:

1. MUNITIONS MAINTENANCE AND STORAGE:

1.1. PREPARES ANNUAL AND 20-QUARTER FORECAST. Aggregates projected use data to include all requirements for munitions. Forecasts annual and 20-quarter requirement and forwards to headquarters.

1.2. ORDERS MUNITIONS. Prepares appropriate documentation, coordinates availability of asset, and attends plans and scheduling meeting to arrange receipt of munitions.

1.3. RECEIVES MUNITIONS. Receives munitions, ensures quantity and serviceability, and signs and files documentation.

1.4. STORES MUNITIONS. Obtains munitions from host unit and transports to storage site. Rewarehouses if required for accommodation. Stores munitions, notifies Munitions Control of site, and documents storage date.

1.5. TURNS IN MUNITIONS. Prepares turn-in documentation, packages munitions, transports to host unit, and adjusts stock level.

1.6. PERFORMS MUNITIONS SUPPLY POINT ACCOUNTABILITY.

1.7. PERFORMS MUNITIONS CONTAINER ACCOUNTABILITY.

1.8. ASSEMBLES AND DISASSEMBLES MUNITIONS. Breaks out ammunition, assembles tools and technical data, inspects and assembles munitions, loads and unloads trailer, and performs post operational requirement.

1.8.1. ASSEMBLES AND DISASSEMBLES BDU-33 PRACTICE BOMB.

1.8.2. ASSEMBLES AND DISASSEMBLES BDU-50 PRACTICE BOMB.

1.8.3. INSPECTS AND PROCESSES 20-MILLIMETER AMMUNITION.

1.8.4. LOADS AND UNLOADS UNIVERSAL AMMUNITION LOADING SYSTEM AND AMMUNITION LOADING SYSTEM.

1.8.5. ASSEMBLES AND DISASSEMBLES LIVE AND INERT MK 82 AND 84 BOMB.

1.8.6. FILLS MK 84 BOMB WITH CONCRETE.

1.8.7. LOADS AND UNLOADS CHAFF.

1.8.8. LOADS AND UNLOADS FLARE.

1.8.9. INSPECTS AND PROCESSES IMPULSE CARTRIDGE.

1.8.10. ASSEMBLES AND DISASSEMBLES CBU-52/58/71/87/89 AND MK 20 BOMB.

1.9. INSPECTS USED MUNITIONS. Inspects used munitions for serviceability and processes munitions residue.

1.10. TURNS IN SCRAP. Aggregates and turns in munitions scrap to appropriate agency.

1.11. INSPECTS STORED MUNITIONS. Inspects stored munitions for corrosion, humidity, and proper warehousing. Maintains storage facility.

1.12. PERFORMS MUNITIONS MAINTENANCE AND CORROSION CONTROL. Performs maintenance to include replacement and repair of assembly, corrosion control inspection, and rehabilitation.

2. MISSILE MAINTENANCE AND STORAGE:

2.1. RECEIVES MISSILE. Orders and receives missile, coordinates availability of asset, and ensures quantity and serviceability. Assembles, transports, and stores missile.

2.2. INSPECTS MISSILE. Removes missile from container, inspects and checks component, assembles and disassembles missile, performs scheduled maintenance, performs check or test, loads or unloads transportation trailer, and moves within work center.

2.2.1. PERFORMS BIANNUAL AGM-65 MISSILE INSPECTION.

2.2.2. PERFORMS HUMIDITY INDICATOR INSPECTION.

2.2.3. PERFORMS 30-DAY AIM-9 INSPECTION.

2.2.4. PERFORMS 180-DAY AIM-9 INSPECTION.

2.2.5. PERFORMS 10- AND 20-HOUR FLIGHT HOUR INSPECTION.

2.2.6. PERFORMS ARGON TANK SERVICING.

2.2.7. PERFORMS WAR RESERVE MATERIAL INSPECTION.

2.3. PERFORMS UNSCHEDULED MAINTENANCE. Performs unscheduled maintenance on missile.

2.3.1. PERFORMS UNSCHEDULED MAINTENANCE ON AGM-65.

2.3.2. PERFORMS UNSCHEDULED MAINTENANCE ON AIM-9.

2.3.3. PERFORMS MISSILE TEST EQUIPMENT MAINTENANCE.

2.4. MAINTAINS ACCELERATION MONITORING ASSEMBLY (AMA).

3. LINE DELIVERY:

3.1. DELIVERS MUNITIONS. Transports munitions or missile to aircraft and completes necessary documentation.

3.2. STORES UNUSED AMMUNITION. Transports to storage site, rewarehouses if required for accommodation, stores ammunition, and notifies munitions control.

3.3. DELIVERS AMA AND AIRCRAFT COMBAT MANEUVERABILITY INSTRUMENTATION (ACMI) POD. Transports AMA and ACMI pod to aircraft and completes documentation.

4. MUNITIONS MATERIAL HANDLING EQUIPMENT MAINTENANCE. Accomplishes servicing, periodic inspection, and scheduled maintenance. Completes documentation.

4.1. PERFORMS UNSCHEDULED TRAILER MAINTENANCE.

4.2. PERFORMS 30-DAY TRAILER INSPECTION.

4.3. PERFORMS 180-DAY TRAILER INSPECTION.

4.4. PERFORMS 365-DAY TRAILER INSPECTION.

4.5. PERFORMS 720-DAY TRAILER INSPECTION.

4.6. PERFORMS FIX PHASE OF SCHEDULED INSPECTION.

4.7. MAINTAINS MUNITIONS SUPPORT EQUIPMENT.

4.8. MAINTAINS AMMUNITION LOADING ASSEMBLIES CARRIAGE.

5. TIME COMPLIANCE TECHNICAL ORDER MAINTENANCE. Accomplishes servicing, periodic inspection, unscheduled maintenance, and completes documentation.

6. HAZARDOUS WASTE PROGRAM MANAGEMENT:

6.1. PROCESSES HAZARDOUS WASTE. Identifies, labels, contains, and disposes of hazardous waste.

6.2. MAINTAINS COLLECTION FACILITY. Maintains hazardous waste accumulation point, satellite collection area, and container.

6.3. MAINTAINS PROTECTIVE EQUIPMENT. Inspects and maintains protective equipment.

7. TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to technical order file. Maintains file for serviceability.

8. COMPOSITE TOOL KIT (CTK) MAINTENANCE. Performs start and end of day inspection. Maintains CTK by inspecting for serviceability, performing corrosion control, and replacing tool.

9. UNIT TRAINING ASSEMBLY (UTA) PREPARATION. Performs planning and scheduling task associated with preparation for UTA.

INDIRECT: Indirect work involves those tasks that are not readily identifiable with the work center's product or service. The major categories of standard indirect work are Supervision, Administration, Meeting, Training, Supply, Equipment Maintenance, and Cleanup. See AFMS 00AA for the standard indirect description.

STANDARD MANPOWER TABLE											
WORK CENTER/FAC Storage/Handling Missile Maintenance, Air-to-Ground, 2527GD			APPLICABILITY MAN-HOUR RANGE 782.59 - 1599.47								
AIR FORCE SPECIALITY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Munitions Sys	461X0	Civ	5	6	7	8	9	10	11		
TOTAL			5	6	7	8	9	10	11		
AIR FORCE SPECIALITY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
TOTAL											

AF FORM 1113, Jun 91 (COMPUTER GENERATED). PREVIOUS EDITION IS OBSOLETE.