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 for varying levels of workload.

2. **Authority.** Air National Guard Regulation 66-14, *Maintenance Management,* 13 July 1988, contains policy and procedural guidance for the Inspection work center. This ANGMS has been developed in accordance with procedures contained in AFPAM 38-208VI, *Air Force Management Engineering Program (MEP) Processes,* (formerly AFR 25-5) and is the result of a functional review.

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 to peacetime operations only.

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. $Y = 108.7 + 2.279X$.
   e. Workload Factor:
      (1) Title. A Programmed Flying Hour.
      (2) Definition. The average monthly programmed flying hours.
      (3) Source. USAF Program Document, Volume 2, maintained by NGB/FM.

5. **Application Instructions:**
   a. The valid man-hour range for this ANGMS is 669.20 through 1361.69.
   b. This ANGMS is appropriate for use with all peacetime civilian man-hour availability factors.
   c. Determine the whole manpower requirements for this work center and refer to the appropriate column in the standard manpower table at attachment 2 to determine the required specialties.

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

DEBORAH GILMORE
Acting Chief
Administrative Services

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

WORK CENTER DESCRIPTION

Inspection

(F-16)

DIRECT:

1. AIRCRAFT INSPECTION:

1.1. PERFORMS LOOK PHASE OF SCHEDULED INSPECTION. Attends prephase and postphase dock meeting. Performs aircraft scheduled phase inspection.

1.1.1. PERFORMS AIRCRAFT PHASE ONE INSPECTION.

1.1.2. PERFORMS AIRCRAFT PHASE TWO INSPECTION.

1.1.3. PERFORMS AIRCRAFT PHASE THREE INSPECTION.

1.1.4. PERFORMS AIRCRAFT PHASE FOUR INSPECTION.

1.2. PERFORMS SPECIAL INSPECTION. Performs workload associated with special inspection.

1.3. PERFORMS GROUND HANDLING AND SERVICE OF AIRCRAFT SYSTEMS. Performs ground handling and servicing before and after phase inspection.

2. TIME-COMPLIANCE TECHNICAL ORDER (TCTO) MAINTENANCE. Performs maintenance required on the aircraft in accordance with applicable TCTO and completes documentation.

3. FIX PHASE MAINTENANCE. Troubleshoots, removes, replaces, adjusts, repairs, and functional checks system or component. Researches and orders part. Completes documentation.

3.1. PERFORMS AIRFRAME MAINTENANCE.

3.2. PERFORMS CREW STATION SYSTEM MAINTENANCE.

3.3. PERFORMS LANDING GEAR SYSTEM MAINTENANCE.

3.4. PERFORMS FLIGHT CONTROL SYSTEM MAINTENANCE.

3.5. PERFORMS TURBOFAN POWER PLANT MAINTENANCE.

3.6. PERFORMS AUXILIARY POWER PLANT/JET FUEL STARTER MAINTENANCE.

3.7. PERFORMS ENVIRONMENTAL CONTROL SYSTEM MAINTENANCE.

3.8. PERFORMS ELECTRICAL POWER SUPPLY SYSTEM MAINTENANCE.

3.9. PERFORMS LIGHTING SYSTEM MAINTENANCE.

3.10. PERFORMS HYDRAULIC AND PNEUMATIC SYSTEM MAINTENANCE.

3.11. PERFORMS FUEL SYSTEM MAINTENANCE.

3.12. PERFORMS OXYGEN SYSTEM MAINTENANCE.

3.13. PERFORMS FLIGHT INSTRUMENT MAINTENANCE.

4. AIRCRAFT CLEANING. Performs aircraft cleaning to include after wash lubrication.

5. NONPOWERED AEROSPACE GROUND EQUIPMENT (AGE)/SHOP INDUSTRIAL EQUIPMENT MAINTENANCE. Inspects and repairs nonpowered AGE/shop industrial equipment.

6. GENERAL SHOP SUPPORT. Performs shop support task to include local manufacture items.

7. AIRCRAFT DOCUMENTATION ADMINISTRATION. Prepares and maintains aircraft documentation.

8. TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to file. Maintains file for serviceability.

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

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

STANDARD MANPOWER TABLE											
WORK CENTER/FAC Inspection/22210D			APPLICABILITY MAN-HOUR RANGE 669.2 - 1361.69								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Aircraft Tac Acft Maint	452X0 452X4B	Civ Civ	1 4	1 5	1 6	1 7	1 8				
TOTAL			5	6	7	8	9				
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
TOTAL											

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