

AEROSPACE GROUND EQUIPMENT (AGE)

(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 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 Aerospace Ground Equipment (AGE) work center. This ANGMS has been developed in accordance with functional review procedures contained in AFPAM 28-208V1, *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. It 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. $Y = 327.1 + 46.71X$.
 - e. Workload Factor:
 - (1) Title. An F-16 Aircraft Authorized.
 - (2) Definition. The average monthly F-16 aircraft authorized.
 - (3) Source. USAF Program Document, Volume II, maintained by NGB/FM.
 - 5. Application Instructions:**
 - a. The valid man-hour range for this ANGMS is 945.96 through 1926.92.
 - 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 specialities.
 - 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.

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

WORK CENTER DESCRIPTION**Aerospace Ground Equipment (AGE)****(F-16)****DIRECT:****1. SCHEDULED INSPECTION:**

1.1. PERFORMS PERIODIC INSPECTION. Inspects AGE unit in accordance with (IAW) applicable Periodic Inspection Work Card (PIWC) and performs required maintenance.

1.2. PERFORMS SPECIAL INSPECTION. Inspects AGE unit IAW applicable PIWC and performs required maintenance.

2. UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check of AGE unit and verifies corrective action taken; corrects delayed discrepancy discovered during earlier inspection; completes appropriate AFTO form and enters data into the core automated maintenance system.

3. AGE SERVICING. Performs servicing inspection and adds fluid and fuel to unit. Performs minor repair discovered during servicing of unit.

4. EQUIPMENT DISPATCH. Delivers and picks up equipment as requested by maintenance control and flight line expediter.

5. EQUIPMENT CLEANING. Washes equipment and item to maintain clean serviceable unit.

6. STORAGE AND SHIPMENT:

6.1. PREPARES SEASONAL EQUIPMENT. Prepares seasonal equipment including air conditioner, heater, etc., for temporary storage.

6.2. PREPARES EQUIPMENT FOR SHIPMENT.

6.3. MAINTAINS HAZARDOUS CARGO CERTIFICATION. Maintains certification for preparation of hazardous cargo for shipment.

7. EQUIPMENT RECORD AND FORM MAINTENANCE. Maintains required equipment record or form.

8. CORROSION CONTROL PROGRAM:

8.1. PREPARES UNIT. Prepares unit for repainting by sanding and cleaning.

8.2. STENCILS UNIT. Stencils and applies decal to unit after painting.

8.3. PERFORMS OPERATIONAL CHECK. Conducts operational check of AGE unit after painting.

9. TIME COMPLIANCE TECHNICAL ORDER (TCTO) MAINTENANCE. Performs maintenance required on AGE unit IAW applicable TCTO and completes documentation.

10. OPERATOR TRAINING:

10.1. MAINTAINS COURSE OUTLINE. Maintains course outline for AGE operator certification training.

10.2. PERFORMS OPERATOR TRAINING. Performs operator training and certifies proficiency on AGE unit or special purpose vehicle.

11. HAZARDOUS WASTE PROGRAM MANAGEMENT:

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

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

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

12. PETROLEUM PRODUCT RECYCLING:

12.1. MANAGES COLLECTION. Collects petroleum product.

12.2. CONDUCTS TEST. Tests petroleum product for contamination.

12.3. MAINTAINS LEVEL. Maintains container level.

12.4. MAINTAINS DOCUMENTATION.

12.5. DISPOSES OF PRODUCT. Ensures proper disposal of petroleum product.

13. SUPPLY PROCUREMENT. Performs supply action to support AGE maintenance.

14. FUELS MANAGEMENT. Checks fuel level and orders fuel. Maintains AF Form 1994, Fuel Issue.

15. SHOP INDUSTRIAL EQUIPMENT MAINTENANCE. Inspects and repairs shop industrial equipment.

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

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

18. UNIT TRAINING ASSEMBLY (UTA) AND MOBILITY REQUIREMENT. Performs planning and scheduling task associated with preparation for UTA weekend and mobility requirement.

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, Meetings, Training, Supply, Equipment Maintenance, and Cleanup. See AFMS 00AA for the standard indirect description.

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Aerospace Ground Equipment (AGE)/23400D			945.96 - 1926.92								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Systems Aerospace Ground Equip	454X0	Civ	1	1	1	1	1	1	1	1	1
	454X1	Civ	5	6	7	8	9	10	11	12	
TOTAL			6	7	8	9	10	11	12	13	
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
TOTAL											

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