

REPAIR AND RECLAMATION

(F-16)

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 Repair and Reclamation work center. This ANGMS has been developed in accordance with functional review 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 only applies 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. $Y = 69.61 + 0.3912X$.
- 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 is 153.08 through 297.48.
- 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.

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

WORK CENTER DESCRIPTION**Repair and Reclamation**

(F-16)

DIRECT:

1. WHEEL AND TIRE. Performs wheel, bearing, and tire inspection. Performs repair, leak check, tear down, and buildup. Documents action.

1.1. PERFORMS WHEEL AND TIRE BUILDUP OR TEAR DOWN.

1.2. PERFORMS CLEANING AND SERVICING.

1.3. PERFORMS STENCILING AND PAINTING.

1.4. PERFORMS TIRE RECLAMATION.

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

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

4. CRASH RECOVERY. Maintains crash recovery capability to ensure the timely recovery and disposition of the government asset.

5. MAINTENANCE ASSISTANCE. Assists other maintenance function in the performance of direct labor maintenance requirement to ensure the effective use of maintenance personnel.

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

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

8. 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, 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					
Repair and Reclamation/23310D					153.08 - 297.48					
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Tac Acft Maint	454X4	Civ	1	2						
TOTAL			1	2						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										