*BY ORDER OF THE CHIEF,*
*NATIONAL GUARD BUREAU*

*ANGMS 22200C*
*3 JANUARY 1995*

*INSPECTION*
*(KC-135)*

**1. Objective.** As prescribed in AFI 38-201, *Determining Manpower Requirements*, formerly designated as AFR 8-10, this Air National Guard Manpower Standard (ANGMS) quantifies the full-time manpower required to accomplish the tasks described in the work center description for varying levels of workload volume.

**2. Authority.** Air National Guard (ANG) Regulation 66-14, *Maintenance Management*, 13 July 1988, contains policy and procedural guidance for the Inspection work center. This ANGMS was developed in accordance with the functional review procedures depicted in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, formerly AFR 25-5.

**3. Applicability.** This standard applies to all ANG KC-135 units with an established Inspection function. This standard applies to peacetime operations only.

**4. Standard Data:**

a. Classification. Type II.

b. Approval Date. 25 November 1992.

c. Man-Hour Data Source. Operational Audit (historical records, good operator time, and technical estimate techniques).

d. Standard Man-Hour Equation. $Y = 157.9 + 5.843X$.

e. Workload Factor:

(1) Title. A Programmed Flying Hour.

(2) Definition. The average monthly programmed flying hours.

(3) Source of Count: USAF Program Document, Volume II, maintained by NGB/FM.

**5. Application Instructions:**

a. The valid man-hour range for this ANGMS is 1362.03 through 2693.63.

b. The application instructions are as follows:

(1) Obtain the most current workload factor value for the workload factor as outlined in paragraph 4e above.

(2) Substitute this value in the man-hour equation for X and divide the resulting man-hours by the current civilian Man-Hour Availability Factor to determine requirements.

(3) Use the man-hour break point table developed by HQ USAF/PRQE to determine the whole manpower requirements.

(4) On AF Form 1113, Manpower Requirement column, find the column which represents the number of whole manpower requirements. Read up and down the column and across to the Air Force Specialty Title column to determine requirements by Air Force Specialty Code.

**6. Statement of Conditions:**

a. There were no general conditions (environment, 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 manpower standard.

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

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

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

OFFICIAL

DEBORAH GILMORE
Chief
Administrative Services

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

## WORK CENTER DESCRIPTION

### Inspection
### (KC-135)

**DIRECT:**

**1. AIRCRAFT INSPECTION:**

**1.1. PERFORMS AIRCRAFT PERIODIC (PE) INSPECTION:**

**1.1.1. PERFORMS AIRCRAFT FIRST PE INSPECTION.**

**1.1.2. PERFORMS AIRCRAFT SECOND PE INSPECTION.**

**1.1.3. PERFORMS AIRCRAFT THIRD PE INSPECTION.**

**1.2. PERFORMS SPECIAL INSPECTION.**

**2. TIME COMPLIANCE TECHNICAL ORDER (TCTO) INSPECTION.** Performs inspection and maintenance required on the aircraft in accordance with applicable TCTO, and completes documentation.

**3. FIX PHASE OF MAINTENANCE:**

**3.1. PERFORMS MAINTENANCE ON WORK AREA NUMBER ONE.** Performs maintenance on the forward fuselage interior and exterior, the cargo compartment, and the nose wheel well.

**3.2. PERFORMS MAINTENANCE ON WORK AREA NUMBER TWO.** Performs maintenance on the left wing upper and lower surface, the left wheel well, and number one and number two engines.

**3.3. PERFORMS MAINTENANCE ON WORK AREA NUMBER THREE.** Performs maintenance on the right wing upper and lower surface, the right wheel well, and number three and number four engines.

**3.4. PERFORMS MAINTENANCE ON WORK AREA NUMBER FOUR.** Performs maintenance on the rear fuselage empennage, the interior, and exterior.

**4. AIRCRAFT CLEANING.** Performs aircraft cleaning to include wash, and identifies corrosion and documentation.

**5. AEROSPACE GROUND EQUIPMENT/SHOP INDUSTRIAL EQUIPMENT MAINTENANCE.** Performs aerospace ground equipment/shop industrial equipment maintenance.

**6. GROUND HANDLING, SERVICING, AND RELATED TASK.** Tows and positions aircraft. Tows and positions related equipment necessary for general maintenance.

**7. AIRCRAFT DOCUMENTATION.** Prepares and processes documentation utilizing Core Automated Maintenance System, Maintenance Data Collection, etc. during inspection. Ensures completion and accuracy of documentation. Forwards record for filing.

**8. SCHEDULING.** Schedules and coordinates specialist support.

9. **ASSISTANCE.** Assists other production work center in the performance of direct labor maintenance.

10. **SHOP SUPPORT GENERAL TASK.** Performs shop support general tasking.

11. **SPECIAL PLANNING OR SCHEDULING.** Performs planning or scheduling associated with preparation for unit training assembly, annual tour, mobility participation, battle damage program, or other special program.

12. **CONTINGENCY/EXERCISE.** Supports contingency/exercise.

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

STANDARD MANPOWER TABLE

| WORK CENTER/FAC | | | APPLICABILITY MAN-HOUR RANGE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Inspection/FAC 22200C | | | 1362.003 - 2693.63 | | | | | | | | |
| AIR FORCE SPECIALTY TITLE | AFSC | GRADE | MANPOWER REQUIREMENT | | | | | | | | |
| Strat Acft Maint Techn | 457X0 | CIV | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 7 |
| Strat Acft Maint Specl | 457X0F | CIV | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 11 |
| TOTAL | | | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| AIR FORCE SPECIALTY TITLE | AFSC | GRADE | MANPOWER REQUIREMENT | | | | | | | | |
| Strat Acft Maint Techn | 457X0 | CIV | 7 | | | | | | | | |
| Strat Acft Maint Specl | 457X0F | CIV | 12 | | | | | | | | |
| TOTAL | | | 19 | | | | | | | | |

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