

5 February 1993

**SUPPORT EQUIPMENT**

**(C-141)**

**1. Objective.** As prescribed in AFR 8-10, this Air National Guard Manpower Standard (ANGMS) quantifies the full-time manpower requirement 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 contains ANG policy and procedural guidance for the Support Equipment work center. This ANGMS has been developed in accordance with procedures contained in AFR 25-5, 16 May 88.

**3. Applicability.** This standard applies to ANG C-141 Air Mobility Command gained flying units. This standard applies only to peacetime operations.

**4. Standard Data:**

- a. **Classification.** Type III.
- b. **Approval Date.** 4 Jan 93.
- c. **Man-Hour Data Source.** Operational Audit (historical record and technical estimate techniques).
- d. **Standard Man-Hour Equation.**  $Y = 7.755 + 26.77X_1 + 1.064X_2$ .
- e. **Workload Factor:**
  - (1) **Title:**
    - (a)  $X_1$ . A C-141 Aircraft Authorized.
    - (b)  $X_2$ . A Programmed Flying Hour.
  - (2) **Definition:**
    - (a)  $X_1$ . The average monthly C-141 aircraft authorized.
    - (b)  $X_2$ . The average monthly programmed flying hours.
  - (3) **Source of Count:**
    - (a)  $X_1$ . USAF Program Document (PD), Volume II, maintained by NGB/FM.
    - (b)  $X_2$ . USAF Program Document (PD), Volume II, maintained by NGB/FM.

**5. Application Instructions:**

- a. The valid man-hour range for this ANGMS is 464.01 through 773.33. Should the extrapolation limits be exceeded, see AFR 26-1, Volume III, paragraph 1-20 for guidance.
- b. The AF Form 1113, Standard Manpower Table, is an aggregate of total manpower by specialty title and Air Force Specialty Code (AFSC). The applicable instructions are as follows:
  - (1) Determine the values for the two workload factors (WLFs) identified in paragraph 4e.
  - (2) Substitute the appropriate WLF value into the man-hour equation for  $X_1$  and  $X_2$ .
  - (3) Divide the total man-hours by the current civilian man-hour availability factor to determine total requirements.
  - (4) Find the column in which the total number of required authorizations fall; read up to determine manpower by AFSC.
- c. Fractional manpower requirements resulting from application of this standard will not be aggregated.

**6. Statement of Conditions.** This work center's normal hours of operation are 8 hours a day, 5 days a week. There are no other standard of living constraints which affect the daily operation of this work center.

**PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE**

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

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**WORK CENTER DESCRIPTION****Support Equipment****(C-141)****DIRECT:****1. NONPOWERED AEROSPACE GROUND EQUIPMENT (AGE):**

**1.1. PERFORMS UNSCHEDULED NONPOWERED AGE/-21 EQUIPMENT MAINTENANCE:** Troubleshoots and repairs system and component.

**1.1.1. ACCOMPLISHES MAINTENANCE ON -21 EQUIPMENT.**

**1.1.2. ACCOMPLISHES MAINTENANCE ON ROLLER CONVEYER ASSEMBLY.**

**1.1.3. ACCOMPLISHES MAINTENANCE ON CARGO WINCH.**

**1.1.4. ACCOMPLISHES MAINTENANCE ON AERIAL DELIVERY SYSTEM.**

**1.2. PERFORMS PERIODIC INSPECTION:**

**1.2.1. PERFORMS PERIODIC INSPECTION ON NONPOWERED AGE.**

**1.2.2. PERFORMS PERIODIC INSPECTION ON AGE/-21 EQUIPMENT.**

**1.3. PERFORMS TIME COMPLIANCE TECHNICAL ORDER (TCTO).** Performs maintenance required on/off the aircraft in accordance with applicable TCTO and completes documentation.

**1.4. CONFIGURES/RECONFIGURES AIRCRAFT FOR PASSENGER/CARGO.**

**1.5. PERFORMS UNSCHEDULED AGE/-21 EQUIPMENT CLEANING.**

**1.6. PERFORMS STORAGE OR SHIPMENT PREPARATION.** Prepares nonpowered AGE/-21 equipment or assigned shop industrial equipment for storage or shipment.

**1.7. PERFORMS SHOP SUPPORT GENERAL CODE MAINTENANCE.**

**2. UNIT TRAINING ASSEMBLY (UTA) AND MOBILITY REQUIREMENT.** Performs planning/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 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						
Support Equipment/22300A				464.01 - 773.33						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Airlift Acft Maint	457X2D	CIV	3	4	5					
<b>TOTAL</b>			3	4	5					
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
<b>TOTAL</b>										