

SURVIVAL 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 Survival Equipment work center. This ANGMS has been developed in accordance with procedures contained in AFR 25-5, 16 May 88. This ANGMS is a result of a functional review.
- 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.** $Y = 68.50 + 42.07X_1 + 0.09726X_2$.
 - e. Workload Factor:**
 - (1) Title:**
 - (a) X₁.** A C-141 Aircraft Authorized.
 - (b) X₂.** A Programmed Flying Hour.
 - (2) Definition:**
 - (a) X₁.** The average monthly C-141 aircraft authorized.
 - (b) X₂.** The average monthly programmed flying hours.
 - (3) Source of Count:**
 - (a) X₁.** USAF Program Document (PD), Volume II, maintained by NGB/FM.
 - (b) X₂.** USAF Program Document (PD), Volume II, maintained by NGB/FM.
- 5. Application Instructions:**
 - a.** The valid man-hour range for this ANGMS is 328.72 through 547.86. 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 X₁ and X₂.
 - (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 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.

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

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WORK CENTER DESCRIPTION**Survival Equipment****(C-141)****DIRECT:****1. AIRCREW RECOVERY PARACHUTE MAINTENANCE:**

1.1. PERFORMS 120-DAY PARACHUTE SYSTEM INSPECTION. Unpacks, inspects, and repacks parachute component; and completes documentation.

1.2. PERFORMS PERSONNEL PARACHUTE SYSTEM REPAIR. Unpacks, repairs component, repacks, and completes documentation.

1.2.1. REPAIRS CANOPY SECTION.

1.2.2. REPAIRS SUSPENSION LINE.

1.2.3. REPAIRS GROMMET, RISER, AND HARNESS.

1.2.4. REPLACES AUTOMATIC RELEASE.

2. RUBBER PRODUCT MAINTENANCE:

2.1. PERFORMS INSPECTION ON RUBBER PRODUCT. Unpacks, performs inspection, repacks, and completes documentation.

2.1.1. INSPECTS LIFE PRESERVER.

2.1.2. INSPECTS 20-MAN LIFE RAFT.

2.2. PERFORMS RUBBER PRODUCT REPAIR: Unpacks, performs repair, repacks, and completes documentation.

2.2.1. REPAIRS LIFE PRESERVER.

2.2.2. REPAIRS 20-MAN LIFE RAFT.

2.2.3. REPLACES BLADDER ON LIFE VEST.

3. UNSERVICEABLE EQUIPMENT. Performs condemnation of unserviceable equipment and completes documentation.

4. FABRIC OR LEATHER PRODUCT MAINTENANCE:

4.1. PERFORMS SCHEDULED FABRIC OR LEATHER WORK. Performs fabric or leather work to include tearing down, measuring, developing pattern, researching stock number, ordering, storing, cutting, and fitting material.

4.2. PERFORMS UNSCHEDULED FABRIC OR LEATHER WORK. Performs fabric or leather work to include tearing down, measuring, developing pattern, researching stock number, ordering, storing, cutting, and fitting material.

4.3. PERFORMS FABRIC OR LEATHER SERVICE ON NON AIRCRAFT EQUIPMENT.

Repairs or fabricates new item including tearing down, measuring, developing pattern, designing, researching stock number, ordering, storing, cutting, and fitting material.

5. TIME COMPLIANCE TECHNICAL ORDER (TCTO). Performs TCTO, operational check, and completes documentation.

6. 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							
Survival Equipment/23150A			328.72 - 547.86							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Aircraft Fabrication	458XX	CIV	1	1						
Aircraft Fabrication and Parachute	458X3	CIV	2	3						
TOTAL			3	4						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										