

*SURVIVAL EQUIPMENT
(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 Survival Equipment 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 Survival Equipment function. This standard applies to peacetime operations only.
- 4. Standard Data:**
 - a. Classification. Type III.
 - b. Approval Date. 25 November 1992.
 - c. Man-Hour Data Source. Operational Audit (historical records and technical estimate techniques).
 - d. Standard Man-Hour Equation. $Y = 3.123 + 0.9315X$.
 - 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 178.53 through 297.54.
 - 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.

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

WORK CENTER DESCRIPTION

Survival Equipment (KC-135)

DIRECT:

1. **AIRCREW EMERGENCY PARACHUTE MAINTENANCE.** Inspects, repairs, modifies, performs Time Compliance Technical Order (TCTO), repacks, condemns, and completes documentation on parachute component.
2. **FLOATATION EQUIPMENT MAINTENANCE.** Inspects, repairs, modifies, performs TCTO, repacks, condemns, and completes documentation on floatation equipment.
 - 2.1. **MAINTAINS ONE-MAN LIFE RAFT:**
 - 2.1.1. **MAINTAINS LRU-3AP.**
 - 2.1.2. **MAINTAINS LRU-16/P.**
 - 2.2. **MAINTAINS F-2B 20-MAN LIFE RAFT.**
 - 2.3. **MAINTAINS LPU-10/P LIFE PRESERVERS.**
 - 2.4. **MAINTAINS LPU-6P INFANT COT LIFE PRESERVER.**
 - 2.5. **MAINTAINS ADULT/CHILD COMMERCIAL LIFE PRESERVER.**
3. **FABRIC AND LEATHER PRODUCT MAINTENANCE:**
 - 3.1. **PERFORMS ON-AIRCRAFT MAINTENANCE.** Inspects, repairs, modifies, accomplishes TCTO, and completes documentation of equipment on aircraft.
 - 3.1.1. **MAINTAINS FIBERGLASS SOUNDPROOFING BLANKET.**
 - 3.1.2. **MAINTAINS THERMAL CURTAIN.**
 - 3.1.3. **MAINTAINS TROOP AND CREW SEAT COVER.**
 - 3.1.4. **MAINTAINS FABRIC PATCH (FILLET FLAP).**
 - 3.1.5. **MAINTAINS OTHER MISCELLANEOUS AIRCRAFT EQUIPMENT.**
 - 3.2. **PERFORMS OFF-AIRCRAFT MAINTENANCE.** Inspects, repairs, modifies, makes pattern, designs layout, initiates local manufacture, and completes documentation on aircraft equipment off aircraft (in shop).
 - 3.2.1. **MAINTAINS FIBERGLASS SOUNDPROOFING BLANKET.**
 - 3.2.2. **MAINTAINS THERMAL CURTAIN.**
 - 3.2.3. **MAINTAINS AIRCRAFT EQUIPMENT COVER.**

3.2.4. MAINTAINS ENGINE COVER.

3.2.5. MAINTAINS CARGO TIE-DOWN STRAP.

3.2.6. MAINTAINS TROOP AND CREW SEAT COVER.

3.2.7. MAINTAINS COCKPIT WINDOW CURTAIN.

3.2.8. MAINTAINS OTHER MISCELLANEOUS AIRCRAFT EQUIPMENT.

3.3. PERFORMS NON-AIRCRAFT EQUIPMENT MAINTENANCE. Inspects, repairs, modifies, makes pattern, designs layout, initiates local manufacture, accomplishes TCTO, and completes documentation on non-aircraft equipment (in shop).

3.3.1. MAINTAINS VEHICLE UPHOLSTERY.

3.3.2. MAINTAINS EQUIPMENT PROTECTIVE COVER.

3.3.3. MAINTAINS WINDOW AND BIN CURTAIN.

3.3.4. MAINTAINS OTHER MISCELLANEOUS NON-AIRCRAFT EQUIPMENT.

3.4. PERFORMS MAINTENANCE ON LIFE SUPPORT EQUIPMENT. Inspects, repairs, modifies, accomplishes TCTO, makes pattern, designs layout, initiates local manufacture, and completes documentation on fabric and leather life support equipment.

3.4.1. MAINTAINS FLIGHT CLOTHING.

3.4.2. MAINTAINS HELMET BAG.

3.4.3. MAINTAINS AIRCREW CHEMICAL WARFARE AND OXYGEN MASK.

3.4.4. MAINTAINS PASSENGER OXYGEN MASK BAG.

3.4.5. MAINTAINS OTHER MISCELLANEOUS LIFE SUPPORT EQUIPMENT.

4. MAINTENANCE AUTOMATED SYSTEM. Makes input to Maintenance Management Information Control System/Core Automated Maintenance System (MMICS/CAMS), and retrieves, analyzes, and reconciles data.

5. 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.

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/ FAC 23150C				178.53 - 297.54						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE								
Fabrication and Parachute	458X3	CIV	2							
TOTAL			2							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE								
TOTAL										