BY ORDER OF THE CHIEF,
NATIONAL GUARD BUREAU

ANGMS 23110B
28 FEBRUARY 1995

METALS TECHNOLOGY

(C-130)

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1. Objective. As prescribed in AFI 38-201, *Determining Manpower Requirements*, 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. The AFI 21-series of Air Force (AF) and/or Air National Guard (ANG) directives contain US Air Force and Command policy and procedural guidance for the Metals Technology work center. This manpower standard was developed using the functional review process under procedures outlined in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, formerly AFR 25-5.

3. Applicability. This standard applies to all Air National Guard airlift units except the 123rd Airlift Wing; the 109th and 139th Airlift Groups; the 106th, 129th, and 210th Rescue Groups; the 193rd Special Operations Group; and the 176 Composite Group. This standard applies only to peacetime operations.

4. Standard Data:
a. Classification. Type III.
b. Approval Date. 9 July 1992.
c. Manpower Data Source. Staffing Pattern.
d. Standard Manpower Equation. Y = 2 (Constant Manpower).
e. Workload Factor. Not applicable.

5. Application Instructions. This work center requires constant manpower of two authorizations. No other application instructions apply.

6. Statement of Conditions. There were no general conditions (environmental, equipment, or facility) which had an impact on the development or application of this manpower standard.

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OFFICIAL

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

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WORK CENTER DESCRIPTION

Metals Technology
(C-130)

DIRECT:

1. ON-EQUIPMENT:

1.1. PERFORMS MACHINE SHOP OPERATION AND REPAIR. Inspects, troubleshoots, and evaluates damage on aircraft and related support equipment.

1.1.1. REPAIRS AIRCRAFT AIRFRAME COMPONENT.

1.1.2. REPAIRS AIRCRAFT COCKPIT AND FUSELAGE COMPARTMENT COMPONENT.

1.1.3. REPAIRS AIRCRAFT LANDING GEAR COMPONENT.

1.1.4. REPAIRS AIRCRAFT FLIGHT CONTROL COMPONENT.

1.1.5. REPAIRS AIRCRAFT TURBO PROP POWER PLANT COMPONENT.

1.1.6. REPAIRS AIR CONDITIONING, PRESSURIZATION, AND SURFACE ICE CONTROL COMPONENT.

2. OFF-EQUIPMENT:

2.1. PERFORMS MACHINE SHOP REPAIR/FABRICATION. Inspects, bench checks, and evaluates component. Repairs and determines disposition.

2.1.1. REPAIRS AIRCRAFT AIRFRAME COMPONENT.

2.1.2. REPAIRS AIRCRAFT COCKPIT AND FUSELAGE COMPARTMENT COMPONENT.

2.1.3. REPAIRS AIRCRAFT LANDING GEAR COMPONENT.

2.1.4. REPAIRS AIRCRAFT FLIGHT CONTROL COMPONENT.

2.1.5. REPAIRS AIRCRAFT TURBO PROP POWER PLANT COMPONENT.

2.1.6. REPAIRS AIRCRAFT AIR CONDITIONING, PRESSURIZATION, AND SURFACE ICE CONTROL COMPONENT.

2.2. REPAIRS AEROSPACE GROUND EQUIPMENT/SHOP INDUSTRIAL EQUIPMENT.

3. WELDING OPERATION:

3.1. PERFORMS WELDING OPERATION. Inspects, bench checks, and evaluates component. Repairs and determines disposition.

3.1.1. WELDS AIRCRAFT AIRFRAME COMPONENT.

3.1.2. WELDS AIRCRAFT LANDING GEAR COMPONENT.

3.1.3. WELDS AIRCRAFT FLIGHT CONTROL COMPONENT.

3.1.4. WELDS AIRCRAFT TURBO PROP POWER PLANT COMPONENT.

3.1.5. WELDS AIR CONDITIONING, PRESSURIZATION, AND SURFACE ICE CONTROL COMPONENT.

3.1.6. PERFORMS SHOP SUPPORT GENERAL CODE.

3.1.7. WELDS AIRCRAFT AUXILIARY POWER PLANT.

3.2. WELDS AEROSPACE GROUND EQUIPMENT/SHOP INDUSTRIAL EQUIPMENT.

4. SPECIAL INSPECTION. Performs workload associated with special inspection.

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

6. ASSISTANCE. Assists other Maintenance function in the performance of direct labor maintenance requirement to ensure the effective utilization of maintenance personnel.

7. SHOP SUPPORT CODE GENERAL. Accomplishes local manufacture to include bending, cutting, casting, forming, holding, machining, and soldering of the assembly or part not done as part of a fix on a specific job.

8. UNIT TRAINING ASSEMBLY (UTA), MOBILITY REQUIREMENT, AND BATTLE DAMAGE PROGRAM. Performs planning and scheduling tasks associated with preparation for UTA weekend, mobility requirement, and Battle Damage 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
Metals Technology/23110B	Constant Manpower

AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT									
Acft Metals Technology	458X0	Civ	2									
TOTAL			2									

AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT									
TOTAL												

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