

**ELECTRONIC COUNTERMEASURE (ECM) PODS
(F-16 CID)**

- 1. Objective.** This standard is published 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.
- 2. Authority.** Air National Guard Regulation 66-14, *Maintenance Management*, 13 July 1988, contains policy and procedural guidance for the ECM Pods work center. This ANGMS has been developed in accordance with procedures contained in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, formerly AFR 25-5.
- 3. Applicability.** Applies to all ANG Fighter Wings and Groups possessing F-16 C/D models. This standard applies to peacetime operations only.
- 4. Standard Data:**
 - a. Classification. Type II.
 - b. Approval Date. 15 June 1994.
 - c. Man-hour Data Source. Operational Audit method (historical record and technical estimate techniques).
 - d. Standard Man-hour Equation. $Y = 324.1 + 0.5180X$.
 - e. Workload Factor:
 - (1) Title. A Programmed Flying Hour.
 - (2) Definition. The average monthly flying hours.
 - (3) Source. USAF Program Document, Volume II, maintained by NGB/FM.
- 5. Application Instructions:**
 - a. The valid man-hour range for this ANGMS is 372.55 through 687.91.
 - b. This ANGMS is appropriate for use with all peacetime civilian man-hour availability factors.
 - c. Determine the whole manpower requirements for this work center by substituting the appropriate workload value in paragraph 4e for the X value in the man-hour equation in paragraph 4d. The resultant number will be divided by the current civilian man-hour availability factor which will produce fractional manpower requirements. Use the fractional manpower table provided by ANGRC/XPME to determine requirements.
 - d. Refer to attachment 2, AF Form 1113, Standard Manpower Table, to determine specific Air Force specialties.
- 6. Statement of Conditions.** The conditions listed below had no effect on the development of this standard, nor will they affect future applications. Analyses of these levels of service indicate no manpower impact:
 - a. Minimum response rates.
 - b. Minimum manpower levels.
 - c. Standardized crew complements.
 - d. Safety considerations.
 - e. Aircraft turn-around time.
 - f. Length of waiting periods.
 - g. Levels of backlog.
 - h. Hours of operation.

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

WORK CENTER DESCRIPTION

Electronic Countermeasure (ECM) Pods (F-16 C/D)

DIRECT:

1. ON-EQUIPMENT MAINTENANCE:

1.1. MAINTAINS SYSTEM, COMPONENT PART, AND SUPPORT EQUIPMENT. Inspects, troubleshoots, repairs, and reprograms on-equipment.

1.1.1. MAINTAINS ELECTRONIC COUNTERMEASURE (ECM) POD SYSTEM.

1.1.2. MAINTAINS ECM TEST STATION.

1.1.3. MAINTAINS ECM POD HANDLING EQUIPMENT.

1.2. PERFORMS INSPECTION. Performs special, phase, and hourly inspection.

1.2.1. PERFORMS SPECIAL INSPECTION.

1.2.2. PERFORMS PHASE/HOURLY INSPECTION.

2. OFF-EQUIPMENT MAINTENANCE:

2.1. MAINTAINS SYSTEM, COMPONENT PART, AND SUPPORT EQUIPMENT. Inspects, troubleshoots, and repairs off-equipment.

2.1.1. MAINTAINS ECM POD SYSTEM.

2.1.2. MAINTAINS ECM POD SET.

2.1.3. MAINTAINS ECM POD HANDLING/SHIPPING EQUIPMENT.

2.1.4. MAINTAINS SECURE VOICE KY-58 SYSTEM.

2.1.5. MAINTAINS COMPUTER TRANSPONDER.

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

4. TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and changes to technical order file. Maintains file for serviceability.

5. CORROSION CONTROL. Performs ECM pod and equipment cleaning procedures to remove contamination and corrosion.

6. DOCUMENTATION. Performs requirement of initiating and maintaining ECM equipment historical records, status/configuration reports, and parts tracking.

7. AIRCREW DEBRIEFING. Attends the aircrew debriefing.

8. GENERAL SHOP SUPPORT. Performs shop support task to include local manufacture.

9. HAZARDOUS WASTE MANAGEMENT PROGRAM:

9.1. PROCESSES HAZARDOUS WASTE. Identifies, labels, contains, and disposes of hazardous waste.

9.2. MAINTAINS COLLECTION FACILITY. Maintains hazardous waste accumulation point, satellite collection area, and container.

9.3. MAINTAINS PROTECTIVE EQUIPMENT. Inspects and maintains protective equipment.

10. UNIT TRAINING ASSEMBLY (UTA) PREPARATION. Performs planning/scheduling task associated with preparation for UTA.

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

STANDARD MANPOWER TABLE										
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE							
ECM Pods/2413CD			372.55 - 687.91							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Aircraft	2A3XX	Civ	1	1	1					
Elec Warfare Sys	2A2X2	Civ	2	3	4					
TOTAL			3	4	5					
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										