

CHAPTER 8
Airborne Mine Countermeasures (AMCM) Systems Maintenance Department

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CHAPTER 8

Airborne Mine Countermeasures (AMCM) Systems Maintenance Department

8.1 Organization and Responsibilities

8.1.1 [Figure 8-1](#) shows the standard AMCM Systems Maintenance Department for Helicopter Mine Countermeasures (HM) squadrons that operate and maintain AMCM equipment. Because of the unique characteristics of AMCM systems, HM squadrons are assigned O-level and limited I-level maintenance when deployed.

8.1.2 Management responsibilities of the AMCM Systems Maintenance Department, AMCM Systems Maintenance Officer (MO), AMCM Systems Assistant Maintenance Officer (AMO), division officers, branch officers, and work center supervisors are essentially identical to those of their Aircraft Maintenance Department counterparts.

8.1.3 Staff functions and responsibilities of the Quality Assurance (QA) Division are identical to those of the Aircraft Maintenance Department. To ensure uniformity and to prevent repetition, QA program management, monitoring, audits, inspections, and verification functions for both the Aircraft Maintenance Department and the AMCM Systems Maintenance Department are accomplished by a single QA Division under the cognizance of the Aircraft Maintenance Department. It performs all QA functions for both maintenance departments.

8.2 Airborne Mine Countermeasures (AMCM) Systems

8.2.1 AMCM systems are aircraft weapons systems used to locate and neutralize sea mines. AMCM systems include devices, device towing equipment, and aircraft-to-device interface equipment. Maintenance functions, assignment, and classification of O-level maintenance are similar to the Aircraft Maintenance Department and generally applicable to AMCM systems equipment.

8.2.2 The AMCM Systems Maintenance Department is responsible for maintaining AMCM equipment and for the maintenance and operation of tactical support equipment, including small craft and Civil Engineering Support Equipment (CESE). It provides mission capable AMCM equipment to the Aircraft Maintenance Department for aircraft installation by the Configuration Branch (Work Center 360).

8.3 Production Functions

8.3.1 The AMCM Systems MMCO is assigned responsibilities identical to the Aircraft Maintenance Department.

8.3.2 Maintenance Control (Work Center 02M) is assigned responsibilities as outlined under the Aircraft Maintenance Department.

8.3.3 Material Control (Work Center 05M) is a branch of the Aircraft Maintenance Department Material Control Work Center. The work center shall normally be collocated with the AMCM Systems Maintenance Control and is assigned the same responsibilities as the Aircraft Supply Division.

8.3.4 Production Divisions:

- a. Supervise, coordinate, and complete periodic maintenance, inspections, decontamination, and reconditioning of assigned equipment.
- b. Perform applicable O-level and selected I-level maintenance functions in those areas outlined in [paragraphs 3.1 and 3.3](#), as directed by the AMCM Systems MO.
- c. Keep AMCM Systems Maintenance Control continuously informed of the status of work in progress.
- d. Ensure cleanliness of hangar and assigned spaces.
- e. Nominate qualified personnel for designation as Collateral Duty Inspectors (CDI).
- f. Initiate requests for material required to perform assigned tasks.
- g. Assume custody of tools, CESE, and Support Equipment (SE) assigned to the Division.
- h. Recommend changes in techniques to promote ground safety, flight/tow safety, and material readiness of assigned AMCM equipment.
- i. Interpret applicable directives.
- j. Carry out an active Foreign Object Damage (FOD) Prevention Program per [paragraph 10.11](#).
- k. Initiate requests to AMCM Systems Maintenance Control for unscheduled maintenance.
- l. Provide launch and recovery crew members and supervisors.
- m. Expedite the accomplishment of assigned work.
- n. Maintain SE using established procedures and programs.
- o. Carry out an effective Corrosion Prevention and Control Program per [paragraph 10.13](#).

8.3.5 The Avionics and Weapons Division:

- a. Assign personnel, as required, to maintain and inspect uninstalled AMCM equipment.
- b. Perform O-level and selected I-level maintenance functions on AMCM equipment, in conjunction with other production divisions, as directed by the AMCM Systems MO.

8.3.6 The Device Division:

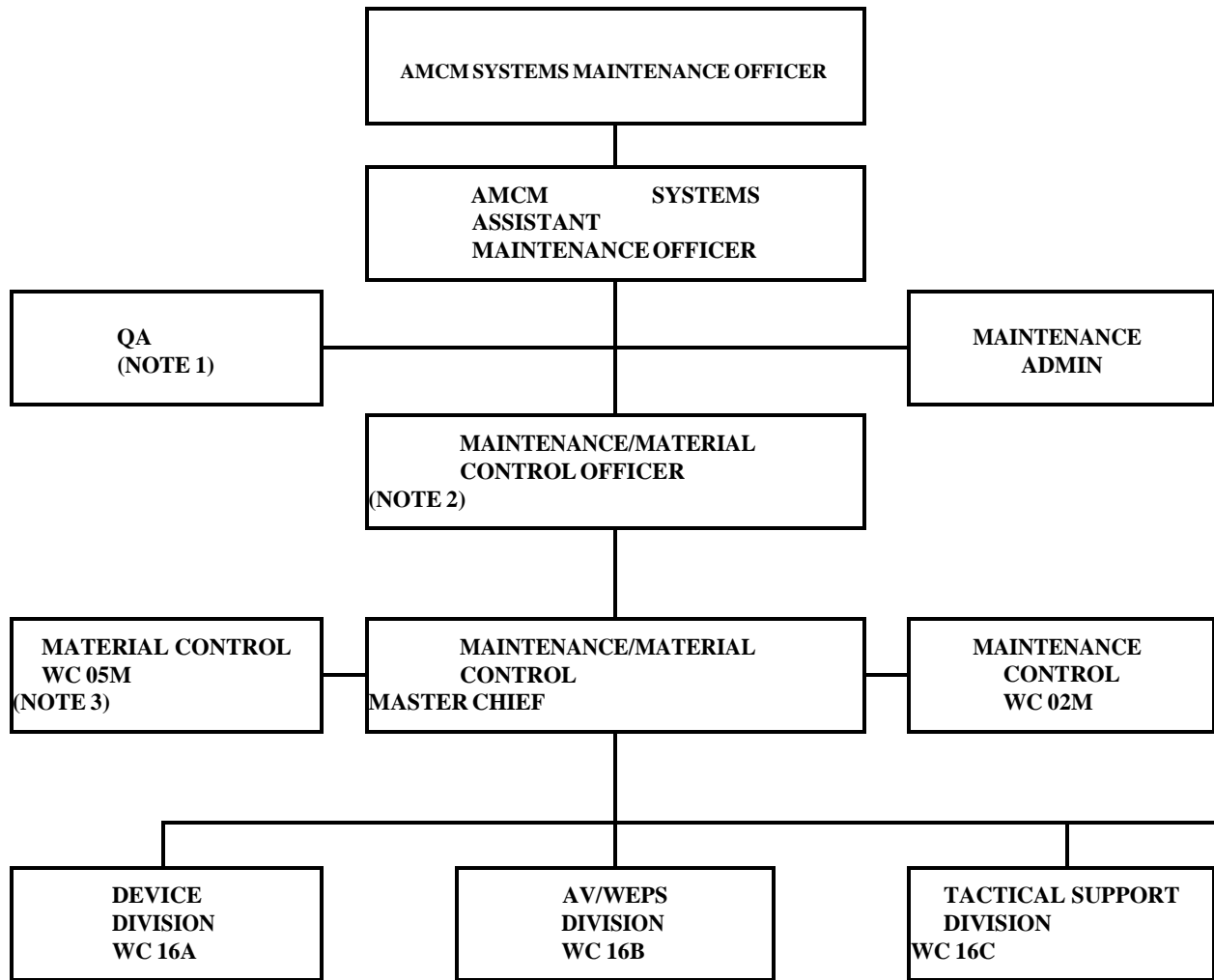
- a. Assign personnel, as required, to maintain and inspect uninstalled AMCM equipment, power plant, hydraulic, and structural systems.
- b. Perform O-level and, when deployed, selected I-level maintenance functions, in conjunction with other production divisions as directed by the AMCM Systems MO.

8.3.7 The Tactical Support Division:

- a. Assign personnel, as required, to maintain and inspect CESE, small craft, and related SE.
- b. Perform O-level maintenance functions on assigned equipment, in conjunction with other production divisions, as directed by the AMCM Systems MO.

8.3.8 Detachments

Detachments will be organized, trained, and equipped to operate AMCM equipment and to perform O-level and selected I-level maintenance tasks aboard ship and at remote land sites.



NOTES: 1. Since AMCM equipment is installed in or attached to and deployed from aircraft during operation, required maintenance program elements are dictated by aircraft program criteria. During detachments and remote site operations AMCM QARs must be trained, qualified, and certified in all specialties and programs necessary to establish a separately located QA verification branch within the AMCM Systems Maintenance Department.

2. If operating with VIDS, Analysis remains a function of QA.

3. OPTAR accounting, reporting, and material requisition management is more effective from a single command point of control.

Figure 8-1: O-Level Airborne Mine Countermeasures Systems Maintenance Department