UNITED STATES MARINE CORPS
MARINE CORPS AIR BASES WESTERN AREA MCAS MIRAMAR
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ABO 13670.2G
G-3
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AIR BASES ORDER 13670.2G

From: Commander
To: Distribution List

Subj: MANAGEMENT AND MAINTENANCE OF METEOROLOGICAL MOBILE FACILITIES

Ref: (a) NAVAIRINST 13670.1 (NOTAL)
(b) COMNAVAIRPACINST 13670.1 (NOTAL)
(c) WgO 12670.1 (NOTAL)
(d) OPNAVINST 4790.2H (NOTAL)
(e) OPNAVINST 4790.4C (NOTAL)
(f) OPNAVINST 4630.25C (NOTAL)
(g) NAVAIR 00-35T-37-4 (NOTAL)
(h) SPAWAR EM000-AX-OMI-A10 (NOTAL)
(i) NAVAIR 00-35QL-46 (NOTAL)
(j) ABO P5300.7
(k) NAVMETOCCOMINST 3140.1 (NOTAL)
(l) NAVMETOCCOMINST 13950.1 (NOTAL)
(m) NWP 1-03.1 (NOTAL)
(n) MCO P5510.18A
(o) SECNAVINST 5510.36

Encl: (1) 3d Marine Aircraft Wing (MAW) Support

1. Purpose. To provide guidance regarding the Management and Maintenance of Meteorological Mobile Facilities (METMFs) at Marine Corps Air Bases Western Area (MCABWA), per the references.

2. Cancellation. ABO 13670.2F.

3. Background

a. The METMFs provide mobile meteorological support to Fleet Marine Force (FMF) aviation units at remote sites. The METMFs are comprised of one AN/TMQ-44(V) (METMF(R)), one SU-03 (Supply unit), and one INU (Joining unit). While in garrison, the METMF personnel augment the Station Meteorological and Oceanographic (METOC) Service Branch. The METMFs are maintained in an operational status, and are a training support arm for

Marine Wing Support Squadron (MWSS) personnel. MWSS METOC personnel are required to maintain 100 percent proficiency in the METMF, and the MWSS METOC Officer is responsible for ensuring those personnel maintain that proficiency while assigned to the host Station, as outlined in reference (j).

b. This Order will be used with other directives, which identify supporting policy and administrative principles or procedures. References (a) and (b) provide policy guidance regarding the management of the Navy and Marine Corps Mobile Facilities (MF) and are applicable to 3d MAW activities, per the reference (c). Reference (d) promulgates the Naval Aviation Maintenance Program (NAMP), which relates to mobile facilities. Reference (e) contains the maintenance program for meteorological equipment contained within the METMFs. Reference (f) details procedures for the submission of requirements for special assignment airlift missions pertaining to Navy and Marine Corps cargo via Air Mobility Command (AMC) aircraft. Reference (g) is the Table of Basic Allowance for FMF aviation units and reference (h) is the METMF Systems Manual. Reference (j) is the Fleet Assistance Program (FAP) Agreement, which has been constructed giving consideration to the need for personnel to operate the Station METOC services office and the METMF while in garrison. Reference (k) is the U.S. Navy Meteorological and Oceanographic Support Manual, which states the mission of Marine Corps aviation weather units and also contains a listing of meteorological allowances for the FMF aviation activities. Reference (l) provides information regarding the implementation of the Meteorological Oceanographic Equipment Program (MEOP). Reference (m) provides policy and procedures for reporting meteorological equipment casualties. References (n) and (o) provide policies and procedures for maintenance and destruction of classified material within the METMF Replacement (METMF(R)).

4. Information. Operational management of the METMFs is the responsibility of the Assistant Chief's of Staff, G-3 of 3d MAW and MCABWA.

5. Responsibility

a. Management. The Management program for the 3d MAW METMFs, as established herein and by other applicable directives, will be accomplished by the responsible/owning MWSS METOC Officer/Senior Staff noncommissioned officer joined or assigned in conjunction with the FAP agreement, per reference (j), to the Station.

Additionally, 3d MAW support in affiliation to this Order is outlined in the enclosure.

b. Management of the METMF assigned to the Strategic Expeditionary Landing Field (SELF) located in Twenty nine Palms will be the responsibility of the Senior METOC Marine (MOS 6802/6842) assigned to MWSS-374.

c. The MWSS METOC Officer will be assigned as the Responsible Officer (RO). In the absence of the METOC Officer, the MWSS METOC Services Chief will act in that capacity. The duties of the RO include the following:

(1) Inventory control of all meteorological equipment, test equipment and tools assigned.

(2) Identification control of METMF equipment requirements, deficiencies and excess in the authorized allowances. References (h) and (i) pertain.

(3) Coordination with the responsible Marine Aviation Logistics Squadron (MALS) Mobile Facility Coordinator (MFC) section in the establishment of a mobile facility maintenance program.

(4) Coordination with the responsible MALS Supply Officer for logistics, funding and budgeting support of the METMF meteorological and communications equipment.

(5) Coordination with the responsible MALS Avionics Officer for calibration support of the METMF Test equipment.

(6) Coordination with the owning MWSS in administrative consumables support.

(7) Coordination with the responsible MALS in operational consumables support.

(8) Initiation of reports required per current directives.

(9) Submission of reports, required by references (l) and (m) for the Commanding Officer of the owning MWSS to appropriate commands and agencies.

d. Maintenance

(1) Maintenance of meteorological equipment will be performed per references (e), (l), and (m), and the technical manuals provided with the equipment.

(2) Maintenance and inventory of the mobile facility and ancillary (van common) equipment used with the METMF will be performed per the references (a) through (d), with funding support for maintenance material provided by the supporting MALS.

(3) Maintenance and calibration of the METMF test equipment will be the responsibility of the supporting MALS.

(4) Maintenance of the AN/TMQ-44(V), the replacement for the METMF, shall be coordinated with the In-Service Engineering Agent (ISEA), the METOC Systems Office, Commander Space and Naval Warfare Systems Command (COMSPAWARSYSCOM) Code PMW-185.

e. Personnel

(1) Operational Personnel for the METMFs, while in garrison, will be provided per the reference (j) and staffed from the Station METOC Services Offices.

(2) The MWSS will provide personnel, de-FAP from station if necessary, to operate the METMFs at temporary field and garrison sites as required.

f. Mobile Power Support. Mobile electrical power (two 60KW 60HZ generators) required for operation of the METMF when deployed would be provided by the owning MALS.

6. Action. Commanders will coordinate for funding and construction of a secure fixed site. This site will be established as a Secondary Control Point (SCP) for METMF secure communications equipment and SIPRNET connectivity. Additional communications requirements that require funding are: two (2) Class A telephones, and full-time connectivity to the NIPRNET. Additional operational requirements are: a stable (non-tactical) power source, water and head facilities. Obtain NAVFAC approval of site location for the METMFs.

7. Concurrence. The Commanding General, 3d MAW concurs with the provisions of this Order.

G. L. GOODMAN
Chief of Staff

DISTRIBUTION: A

3D MARINE AIRCRAFT WING (MAW) SUPPORT

1. 3d MAW support in connection with the Management and Maintenance of Meteorological Mobile Facilities (METMF) responsibilities is essential to ensure an effective program. The following units render support efforts to this program.

a. Commanding Officer, MWSG-37

(1) Designate the MWSG-37 METOC Officer as the Coordinating Officer for all METMF activities that fall under the supporting group's cognizance.

(2) Ensure the availability of Organizational ("G") level maintenance support for the METMFs by providing all Aviation Meteorological Equipment Repairmen (MOS 6493) per the reference (j).

b. Commanding Officer, MWSS

(1) Appoints a RO in writing for the METMFs assigned as Establishes procedures for the collection and dissemination of required reports to ensure compliance with the METMF management and maintenance program, as outlined by the applicable directives.

c. MALS Commanders

(1) Arranges for maintenance, repair and supply support assistance of METMF ground-common communications equipment.

(2) Maintains records of inventory of METMF equipment and submits reports required by references (a) through (d).

(3) Ensures the availability of Intermediate ("I") level maintenance support for the METMFs, ancillary (van common) equipment.

(4) Provides maintenance and personnel support for mobile electrical power requirements.

(5) Provides funding for maintenance, repair, and supply support of the METMFs.

d. (AC/S) G-6, 3d MAW

(1) Provides maintenance, repair, and supply support assistance of METMF ground-common communication equipment.

(2) Coordinates assignments of METMF frequencies per NIP-6B, requests for frequencies within the U.S. and its possessions require 90 days to process.

e. RO'S (MWSS METOC Officers or METOC Services Chiefs). Assume responsibility, custody and control of METMF equipment and assigned personnel, ensuring an active and effective METMF program is established that enhances personnel and equipment readiness.