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IN REPLY REFER TO  
OPNAVINST 4042.1  
OP-508C2

24 OCT 1986

OPNAV INSTRUCTION 4042.1

From: Chief of Naval Operations

Subj: POLICY, PROCEDURES AND RESPONSIBILITIES FOR THE  
MANAGEMENT AND UTILIZATION OF MARITIME PATROL AIRCRAFT  
(MPA) INTERMEDIATE MAINTENANCE ADVANCED BASE FUNCTIONAL  
COMPONENT (ABFC)

Ref: (a) CNO ltr Ser 508E/407103 of 22 Sep 81 (NOTAL)  
(b) OPNAVINST 4040.39A  
(c) OP-41P3A, Table of Advanced Base Functional  
Components (NOTAL)  
(d) Operational Logistic Support Plan AIR-4101A-1A  
(AV-199) (NOTAL)  
(e) OPNAVINST 4790.2D  
(f) NAVAIRINST 13670.1  
(g) NAVAIRNOTE C13100, P-3 Weapon System Planning Document  
(h) OPNAVINST C4080.11B  
(i) OPNAVINST 1000.16E  
(j) OPNAVINST 4614.1F

Encl: (1) Policy, Procedures and Responsibilities for  
Development, Maintenance and Utilization of the MPA  
Intermediate Maintenance ABFC

1. Purpose. To establish policy, define procedures, and assign  
responsibilities within the U. S. Navy for the management and  
use of the MPA Intermediate Maintenance ABFC.

2. Scope. This instruction pertains to the process by which:

a. MPA Intermediate Maintenance ABFCs are planned and  
developed using the P-3 Weapon System Planning Document (WSPD)  
and the ABFC Planning System.

b. The MPA Intermediate Maintenance ABFC is managed,  
maintained, and used during peacetime.

c. MPA ABFC Prepositioned War Reserve Material Stock  
(PWRMS) is selected, programmed, budgeted, and reported.

d. Manpower requirements are specified and personnel are  
trained for manning MPA Intermediate Maintenance ABFCs.



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3. Discussion

a. Reference (a) provides policy guidance for the MPA Intermediate Maintenance ABFC. The intent of the MPA Intermediate Maintenance ABFC is to provide ready for use, deployable intermediate level maintenance support for shorebased MPA in a contingency, rapid deployment, or mobilization operation for up to 90 days without supply lines of communication. Peacetime objectives are to ensure the deployment readiness of all ABFC resources, i.e., equipment, material, technical data, and personnel. Intermediate level utilization may be provided as feasible while maintaining readiness requirements. COMNAVAIRESFOR activities will provide day to day intermediate level support as feasible from Mobile Facilities (MFs) for systems peculiar to the P-3A/B aircraft where the capability does not exist at the supporting site AIMD.

(1) Reference (b) provides policy for the programming of ABFCs to meet FLTCINC, COMUSNAVCENT and COMUSNAVSO operational planning (OPLAN) requirements. Reference (c) describes the ABFC Planning System and provides a listing of ABFCs to be used for planning the establishment or augmentation of advanced bases and the support of deploying forces during contingencies. ABFCs for shorebased MPA are developed following reference (b). The ABFC listings in references (c) and (d) should be utilized for planning purposes.

(2) A definition of terms used in discussing MPA ABFCs is included as Appendix A to enclosure (1).

b. MPA Intermediate Maintenance ABFC assets are housed in standardized 8x8x20 foot mobile facilities for rapid deployment. Mobile Facility (MF) acquisition, configuration, management, maintenance, and reporting shall be accomplished using references (e) and (f).

4. Policy. The peacetime mission of MPA ABFCs is to maintain assigned equipment/material in readiness for deployment and to train personnel to ensure operational readiness. Management of MPA Intermediate Maintenance ABFCs will be met using the procedures of enclosure (1) and references (a) through (j).

5. Action. Addressees are to implement the procedures in enclosure (1). A copy of new or updated instructions or directives regarding the management and control of MPA ABFCs should be forwarded to the Chief of Naval Operations (OP-506).

  
EDWARD H. MARTIN  
Deputy Chief of Naval Operations  
(Air Warfare)

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POLICY, PROCEDURES AND RESPONSIBILITIES FOR DEVELOPMENT,  
MAINTENANCE AND UTILIZATION OF THE MPA INTERMEDIATE  
MAINTENANCE ABFC

1. Objectives. The peacetime mission is to maintain assigned equipment/material and to train personnel to ensure required readiness for deployment. Training will focus on establishing the skills of permanently assigned personnel and training Selected Reservists (SELRES) to exercise MPA ABFC capabilities in preparation for mobilization and deployment. Objectives of the MPA Intermediate Maintenance ABFC management program are:

a. To identify and support requirements for MPA contingency/rapid deployment/mobilization scenarios as delineated in component commander/type commander operational plans and other appropriate planning documents.

b. To provide selected intermediate level maintenance capability at forward bases.

c. To maintain installed equipment inventory control, ensure material upkeep and adequate logistic support resources to maintain maximum contingency/mobilization readiness per reference (e).

d. To ensure compatibility of equipment, material and supplies with aircraft/systems/equipment to be supported, adherence to configuration control and maintenance of calibration requirements.

e. To ensure efficient control, use and inventory of Support Equipment (SE) including Peculiar Support Equipment (PSE).

f. To maintain adherence to strict inventory control and accounting procedures in the management of Aviation Consolidated Allowance List/Operational Support Inventory (AVCAL/OSI) assets.

g. To provide real-time reporting on the degree of capability of each Intermediate Maintenance ABFC to support contingency/rapid deployment/mobilization operations.

h. To ensure compliance with procedures and responsibilities established in references (a) through (j) as well as those delineated in this instruction.

2. Management Responsibilities. Standardized management and control of MPA Intermediate Maintenance ABFC assets are implemented to ensure equitable distribution and utilization of all

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assets in support of shorebased MPA mobilization requirements. To this end, the following management responsibilities are delineated:

a. The Deputy Chief of Naval Operations (Air Warfare) (OP-506D2) is the MPA Intermediate Maintenance ABFC program resource sponsor.

b. The Deputy Chief of Naval Operations (Logistics) (OP-41R) is the overall ABFC Program Coordinator.

c. The Commander, Naval Air Systems Command (AIR-41011A) is the program manager for overall acquisition and fleet introduction of the MPA Intermediate Maintenance ABFC and other MPA ABFCs.

d. FLTCINCS, COMUSNAVCENT and COMUSNAVSO will identify MPA Intermediate Maintenance ABFCs required to execute/support operational plans. Requirements and plans must be specific and detailed to include: total number of complexes required; Continental United States (CONUS) site and corresponding deployed site; number of aircraft and series (e.g. 9 P-3 (update II)); level of support required; transportation plan from CONUS pad to deployed site; host nation support requirements; any unique/additional requirements (including provisions for intermediate level support for non-deployed aircraft, as required). COMNAVAIRESFOR will participate in decisions concerning peacetime siting and periodic exercise deployments of reserve CONUS based ABFCs. All assigned MPA Intermediate Maintenance ABFCs must be included in the appropriate Time Phased Force Deployment Data (TPFDD). Requirements and plans will be reviewed at periodic program reviews held by the program manager (COMNAVAIRSYSOCM) and CNO sponsor (OP-506D2).

e. Type commanders and subordinate commands will establish management procedures to ensure that assigned Intermediate Maintenance ABFCs are maintained in an active, operationally ready status and that ABFC assets are protected for intended use. Contingency/Mobilization complexes shall be ready for deployment within 48 hours and Augmentation complexes will be ready for deployment within 30 days of operational plan execution, as required by reference (a). To accomplish these functions, the following action responsibilities are assigned:

(1) Commander, Naval Air Forces, U. S. Atlantic Fleet (COMNAVAIRLANT), Commander, Naval Air Forces, U. S. Pacific Fleet (COMNAVAIRPAC), and Commander, Naval Air Reserve Force (COMNAVAIRESFOR) will accept controlling custody of all P-3 MPA

ABFC assets assigned and perform all of the established functions of a controlling custodian.

(2) Commander, Patrol Wings, U. S. Atlantic Fleet (COMPATWINGSLANT) and Commander, Patrol Wings, U. S. Pacific Fleet (COMPATWINGSPAC) will accept reporting custody and command responsibility for all P-3 MPA ABFC assets assigned. COMNAVAIRESFOR will fulfill reporting custodian functions for all NAVAIRESFOR P-3 MPA ABFC assets. The following functions apply:

(a) Ensure required integrity of P-3 MPA Contingency/Mobilization ABFCs.

(b) Budget for and administer P-3 MPA ABFC funding requirements. The budgeting process shall include funding for periodic readiness deployment exercises.

(c) Maintain strict configuration control.

(d) Negotiate host/tenant agreements for administrative, logistic support, and training requirements.

(e) Perform annual reviews of assigned P-3 MPA ABFCs.

(f) Issue implementing instructions to ensure P-3 MPA ABFC readiness, administration, maintenance equipment calibration/qualification, inventory and reporting procedures, custody control, and security of classified matter.

(3) Officers in Charge (OINC), Active Duty P-3 MPA ABFCs and Mobile Facility (MF) Managers, Reserve Force P-3 MPA ABFCs shall perform the following functions:

(a) Accept physical custody of P-3 MPA ABFC equipment, material and supplies.

(b) Maintain required readiness of P-3 MPA ABFC.

(c) Report to COMPATWINGSLANT, COMPATWINGSPAC or COMNAVAIRESFOR.

(d) Develop and implement procedures to achieve and maintain required skills of permanently assigned and Selected Reserve (SELRES) personnel. Schedule training requirements with host stations and establish procedures necessary to integrate training required with the host station maintenance mission.

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(e) Assure definitive accountability of assigned assets per the requirements and procedures established by this instruction.

(4) Commanding officers of host Naval Air Station (NAS) will provide support, via a host-tenant agreement, for the following functions:

- (a) Training
- (b) Aircraft Intermediate Maintenance Department (AIMD) support
- (c) Supply support
- (d) Personnel services
- (e) Safety and security
- (f) Facility and transportation logistic support
- (g) Ancillary equipment maintenance beyond MPA ABFC capabilities

3. Mobilization Requirements. The MPA Intermediate Maintenance ABFC capability is designed to provide ready for use, deployable intermediate level maintenance support for shorebased MPA in contingency, rapid deployment, or mobilization operations at advanced bases. This support capability is planned for periods up to 90 days without major resupply action. The Intermediate Maintenance ABFC will be developed in modular fashion to enhance the concept of phased support deployment. AVCAL/OSI for MPA Intermediate Maintenance ABFC's are procured and managed as PWRMS. Policy and procedure for control of P-3 MPA ABFC assets will be as set forth in this instruction.

4. Configuration Management. The MPA Intermediate Maintenance ABFCs are intended to support designated P-3 Type/Model/Series (T/M/S) aircraft. Therefore, each contingency and augmentation complex will be maintained and the configuration controlled in consonance with the T/M/S aircraft supported. As the aircraft configuration changes, the ABFC capability will be upgraded to support the aircraft/equipment change. Baseline configurations are identified in reference (g) and documented in reference (d). Configuration and/or design changes to the established baseline configuration/system supported will be documented and approved following the procedures contained in reference (e) and DOD-STD-480A.

5. Support Equipment Procedures. Transfer or loan of Individual Material Readiness List (IMRL), Ground Support Equipment (GSE), Material Handling Equipment (MHE), or MPA ABFC ancillary equipment by active duty P-3 MPA ABFC reporting custodians requires controlling custodian approval. Transfer or loan of these assets between reserve force P-3 MPA ABFCs will be controlled by COMNAVAIRESFOR. In all cases, transfer actions will be reported by message to CNO (OP-41R and OP-506D2) and COMNAVAIRSYSCOM (AIR-41011A) prior to transfer of assets.

6. Supply Support Procedures. Supply support for MPA Intermediate Maintenance ABFCs will be determined by an AVCAL computation consisting of combat flying hours for a duration of 90 days. These ABFCs have Unit Identification Codes (UIC) assigned and will manage material assets. MPA Intermediate Maintenance ABFC AVCAL/OSI will be managed and controlled as Navy Prepositioned War Reserve Material Stock (PWRMS) per reference (h) with exception of 30-day portion of reserve site OSI which will be utilized for day-to-day support operations. Assets will be maintained at a 98 percent level on hand or on order of both range and depth. Release and issue of PWRMS is controlled per reference (h). Exceptions are Navy issue priority 01 requisitions, priority 02 Not Mission Capable Supply/Partially Mission Capable Supply (NMCS/PMCS) and CASREPT requisitions referred by the Aviation Supply Office (ASO), when the supply system cannot respond to these requirements. Force/Activity Designator will be assigned per reference (j).

7. Personnel and Training. FLTCINCS, COMUSNAVCENT, COMUSNAVSO and COMNAVAIRESFOR, as major manpower claimants, in coordination with the Deputy Chief of Naval Operations (Manpower, Personnel, and Training) (OP-01) and Director, Naval Reserve (OP-09R) shall initiate and execute manpower planning requirements to support the MPA Intermediate Maintenance ABFC program per reference (i). Each MPA ABFC must include the requirement for a designated Individual Material Readiness List (IMRL) manager. All necessary training for operator/maintenance/support personnel will be accomplished using approved Navy training procedures.

8. Maintenance Management and Maintenance Information. Maintenance management, maintenance information reporting and a Planned Maintenance System (PMS) program shall be accomplished by assigned personnel following the policy, procedures, and requirements of references (e) and (f).

9. Capability Reporting. The MPA Intermediate Maintenance ABFC will incorporate a Capability Reporting Subsystem (CRS) which will supplement and interact with existing Naval Aviation

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Maintenance Program (NAMP) reporting requirements. The CRS will provide all levels of management with online information regarding the current capability of each ABFC to support contingency/mobilization operations for the T/M/S aircraft for which it is designed to provide support.

Enclosure (1)

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APPENDIX ADEFINITIONS

Advanced Base Capability (ABC) - Provides for the contingency to rapidly disperse aircraft with weapons, equipment, support material and personnel to remote sites other than established operational bases. The ABFC concept will enhance force/weapon survivability and will provide and extension of Maritime Patrol Aircraft (MPA) operational capability for a limited period of time.

Advanced Base Functional Component (ABFC) - A grouping of personnel, material and equipment designed to accomplish a specific function at an advanced base.

ABFC Planning System - A planning system used by Navy component commanders in operational planning for establishment or improvement of naval advanced bases to support operational forces.

Augmentation Mobile Facility - A facility normally peculiar to a specific aviation weapon system which is used to augment existing permanent facilities. A P-3 augmentation facility will contain all equipment required to maintain P-3 avionics equipment. Augmentation MFs, including installed and related equipment, shall be maintained in an active status, intact, and be operationally ready for movement/deployment within a 30-day period.

Contingency Mobile Facility - A facility normally peculiar to an aviation weapon system, designed to satisfy a contingency requirement, and used in lieu of permanent facilities. Contingency MFs, including installed and related equipment, material, and supplies shall be maintained in an active status and be operationally ready for deployment within a 48-hour period. Contingency MFs may contain organizational or intermediate level maintenance/logistic support assets.

Dominant Command - That bureau or systems command assigned primary responsibility for an ABFC because the mission of the component falls under their technical cognizance. Where the mission or function of the component cannot be related to a specific bureau or systems command, the Naval Facilities Engineering Command (NAVFACENGCOM) is assigned dominant responsibility.

Navy Component Commander - The commander of a Navy component permanently organized and assigned to a unified (theater) command; a generic term for the Commander in Chief, U. S.

Appendix A to  
Enclosure (1)

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Atlantic Fleet (CINCLANTFLT); Commander in Chief, U. S. Pacific Fleet (CINCPACFLT); and Commander in Chief, U. S. Naval Forces, Europe (CINCUSNAVEUR). The Commander, Naval Air Reserve Force (COMNAVAIRESFOR) is considered a peacetime Navy component commander.

Prepositioned War Reserve Material Requirement (PWRMR) - That portion of the war material requirement which must be positioned prior to hostilities at or near the point of planned use, in order to ensure timely support of a specific project or designated force during the initial phase of war. Use of PWRMR is restricted and governed by specific procedures (OPNAV C4080.11B).

MPA Intermediate Maintenance ABFC - A grouping of equipment, material, supplies and personnel for the specific purpose of providing full intermediate level maintenance for P-3 aircraft avionics equipments and tailored support for airframes, hydraulics, and propulsion systems at a zero-capability or limited capability advanced base in contingency or mobilization situations.