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NAVAL AIR SYSTEMS COMMAND
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IN REPLY REFER TO

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From: Director, Policy Processes and Program Health (AIR 3.0E), 47038 McLeod Rd., Unit 8,
Patuxent River, MD 20670-1626

To: Distribution

Subj: RELIABILITY CENTERED MAINTENANCE STEERING COMMITTEE CHARTER

Encl: (1) Reliability Centered Maintenance Steering Committee Charter

1. Enclosure (1) is the charter that establishes the Reliability Centered Maintenance (RCM) Steering Committee as the body to develop and refine processes and tools to effectively implement and sustain RCM. The appropriate stakeholders have signed the charter.

2. The NAVAIR point of contact is: AIR 3.0E, DSN 757-9186.

By direction

Distribution:

NAVAIRSYSCOM (AIR 3.0, 3.0A, 3.1, 3.2, 3.3, 4.0, 4.0A, 4.4, 4.9)

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**NAVAL AIR SYSTEMS COMMAND
RELIABILITY-CENTERED MAINTENANCE (RCM)
STEERING COMMITTEE
CHARTER**

1. BACKGROUND

- 1.1 Reliability-Centered Maintenance (RCM) is an analytical process to determine the appropriate failure management strategies, including preventive maintenance (PM) requirements and other actions that are warranted to ensure safe operations and cost-wise readiness. NAVAIR policy in NAVAIRINST 4790.20 (series) requires that the RCM process, contained in NA 00-25-403, be applied to all new procurement and in-service aircraft, engines, systems (i.e., weapons, aircrew escape systems, avionics, and electrical systems), and Support Equipment (SE) (i.e., avionics support equipment, non-avionics support equipment, and aircraft launch/recovery equipment) including their modification, during all life cycle phases and levels of maintenance.
- 1.2 RCM takes into account the capability designed into equipment and results in a set of requirements which may include PM along with recommended other actions to optimize expenditure of resources for cost-wise readiness while ensuring safe operations.
- 1.3 There are both common and unique issues related to RCM across all NAVAIR programs. The RCM Steering Committee's mission is to facilitate and standardize the implementation of the RCM analysis process, RCM Sustainment, and Age Exploration, along with resulting maintenance programs (including those implementing the Integrated Maintenance Concept (IMC)) throughout Naval Aviation. The Steering Committee will also make efforts to establish contacts with other services and Systems Commands to assist and learn from their efforts to improve and continually evolve NAVAIR program, processes, and tools.
- 1.4 As Product Enterprise Teams (PET) are established within program teams to regularly assess and address readiness and cost significant items at a component level for a particular type model series aircraft or weapon system, RCM process and tools may be employed by these teams to determine the best solution set to pursue in a cost wise readiness environment. The PET concept expands the sustainment to an enterprise level view, which includes integrating all three (O-I-D) levels of maintenance and tapping into all appropriate stakeholders to make the best support decisions. Solutions options will be assessed at the program level and elevated as required to the TMS Team, which consists of the PMA and Lead Commodore and onto the NAVRIIT level in order to make the best decisions to support the fleet.

2. OBJECTIVE

- 2.1 The RCM Steering Committee will be comprised of NAVAIR RCM experts and commodity/program representatives to develop and refine processes and tools to effectively implement and sustain RCM. They will define RCM processes that result in effective and

affordable maintenance programs and recommend other actions for safety, reliability, and readiness improvements. This will be accomplished by the regular and timely exchange of technical information; assessment of implementation and execution; establishment of common outcome metrics and periodic review of program health; management of training and certification programs; and oversight and development of tools and processes to assist personnel assigned to perform RCM on all types of NAVAIR equipment.

2.2 It is also the objective of the RCM Steering Committee to coordinate with the stakeholders of other NAVAIR processes and initiatives. The Steering Committee will also coordinate with other Department of Defense agencies, academia, private industry, and international armed forces/organizations to develop standard RCM procedures and share information for the benefit of all concerned.

3. PURPOSE

3.1 Assure RCM processes identify the requirements to maintain the required levels of safety and achieve cost-wise readiness for NAVAIR-managed equipment and systems.

3.2 Provide a continuous technical forum for RCM experts to present and discuss lessons learned.

3.3 Standardize RCM concepts, philosophies, techniques, metrics, training, and tools (to the maximum extent practical) across all NAVAIR-managed equipment and systems.

3.4 Provide advisory and consulting services to new development, acquisition, and in-service program teams related to RCM implementation and sustainment requirements.

3.5 Maintain technical leadership of the Navy RCM Program by interfacing and interchanging information with other services, industry, scholastic, professional and international groups.

4. MEMBERSHIP COMPOSITION

4.1 The NAVAIR RCM Steering Committee will consist of the following members:

- NAVAIR RCM National Lead designated as chairman,
- NAVAIR R&M/RCM Liaison National Lead (AIR 4.9.4) designated as vice chairman,
- NAVAIR Lead on the Tri-Service Joint Propulsion & Power RCM Working Group,
- NAVAIR Headquarters (AIR 3.0E) RCM representative,
- NAVAIR 3.3 representative for analysis tools, modeling, and metrics,
- NAVAIR RCM Site Coordinators.

RCM representatives of commodities and major programs to cover all aspects of NAVAIR-managed equipment and systems are required. As a minimum, the following areas will be represented:

- NAVAIR 3.1 designated representatives for air vehicle, power & propulsion, and avionics commodity areas.
- NAVAIR 3.2 designated representatives for ~~weapons~~, human performance/training, and support equipment/ALRE/ATC commodity areas.
- Representatives from selected major programs.

4.2 Additional participants will be invited on an as needed basis depending upon issues/topics.

5. CHAIRPERSON/ VICE CHAIRPERSON

5.1 The NAVAIR RCM National Lead/Steering Committee chairperson will confer with the NAVAIR Headquarters RCM Steering Committee subject matter expert (SME) for issues requiring Headquarters support. Budget to support RCM Steering Committee activities and funding issues resulting from Steering Committee decisions/actions will be coordinated with the appropriate funding sponsor.

5.2 The NAVAIR R&M/RCM Liaison will report to AIR 4.9.4 for guidance. Support required from AIR 4.9.4 and annual funding for Steering Committee support will be negotiated with AIR 4.9.4.

6. RESPONSIBILITIES

6.1 The chairperson (and vice chairperson in his/her absence) shall:

- Schedule and conduct Steering Committee meetings (approximately quarterly).
- Review, approve and ensure meeting minutes are distributed.
- Assign, approve and distribute action items.
- Forward all suggested RCM process, policy, or philosophy modifications to the RCM Steering Committee for approval.
- Designate RCM Site Coordinators.
- Maintain RCM certification records.

- Ensure the dissemination of pertinent RCM information developed or otherwise obtained by the RCM Steering Committee to all concerned.
- Coordinate RCM Program Assessments with Air 3.1 and 3.2 RCM commodity leads, or as requested by Program Teams, utilizing selected members of the RCM Steering Committee. Maintain records of assessments and periodically inform NAVAIR 3.0 of results.

6.2 The RCM Steering Committee members shall:

- Complete assigned actions including proper coordination.
- Provide status to the chairperson on assigned actions.
- Report RCM process issues, improvement suggestions, or other beneficial information to the Steering Committee at large for consideration and appropriate action.

6.3 The Steering Committee shall:

- Provide oversight and direction for RCM within NAVAIR.
- Act as the major focal point /liaison for the chairperson concerning new RCM ideas and suggestions, and any associated information required by the chairperson.
- Review suggested RCM process, policy, or philosophy modifications. Approve those considered beneficial to RCM performance with in NAVAIR.
- Assess RCM programs, as requested by the appropriate Program Office or commodity lead

AIR 3.0

AIR 3.0A

AIR 4.0

AIR 4.9

AIR 4.0A