DEC 2020

DEPARTMENT OF DEFENSE
CONDITION-BASED MAINTENANCE PLUS (CBM+)
CHARTER

I. Authority

Condition-Based Maintenance Plus (CBM+) was established by Department of Defense (DoD) policy in DoD Instruction (DoDI) 4151.22. CBM+ was established pursuant to the authority of the Assistant Secretary of Defense for Sustainment (ASD(S)), the responsible maintenance official for the DoD, and is led by the Office of the Deputy Assistant Secretary of Defense for Materiel Readiness (DASD(MR)). The CBM+ Working Group (CBM+ WG) reports to and receives direction from the DoD's Senior-level sustainment leaders during the annual CBM+ Senior Leader Summit.

II. Background

Based on DoD's guidance and the developmental efforts by all the Services, CBM+ has been incorporated in Service guidance and practices to assist in executing maintenance requirements and achieving their operational goals in a cost-effective manner. To improve CBM+ effectiveness, realize more broad-reaching enterprise collaboration, and expand the execution of CBM+ capabilities, DoD's CBM+ activities need to be constantly challenged and elevated to fully engage all appropriate Service stakeholders and leadership, providing the foundation and resources for increased CBM+ applications across the DoD. Within the DoD, CBM+ is defined as:

> *Condition-Based Maintenance Plus (CBM+) is the DoD's key initiative for sustaining materiel readiness at optimum cost. Founded on Reliability-Centered Maintenance (RCM), CBM+ improves availability and reduces lifecycle cost by minimizing unscheduled maintenance and enabling predictive maintenance. CBM+ turns rich data into information which drives continuous improvement in sustainment effectiveness and efficiency. Executing CBM+ involves the application and integration of appropriate processes, technologies, and knowledge-based capabilities to improve the reliability and maintenance effectiveness of DoD systems and components. At its core, CBM+ is maintenance performed based on evidence of need provided by RCM analyses and the integration of other enabling processes and technologies. CBM+ uses a systems-engineering approach to collect data, enable analysis, and support the decision-making processes for system acquisition, sustainment, and operations.*

III. Purpose

This charter is established to further DoD's CBM+ initiative. It describes the purpose, organization, responsibilities, and procedures in support of DoD's sustainment programs. To achieve that purpose, the following actions are identified:

- Provide strategic review and policy guidance necessary to ensure emphasis on CBM+ enabling technologies, maintenance processes and reliability improvements that result in improved readiness and availability.

- Recommend policy and guidance pertaining to maintenance and reliability improvements that add benefit to DoD life-cycle sustainment outcomes.

- Monitor and track progress of CBM+ related activities, to include CBM+ programs and funding levels proposed and executed throughout DoD.

- Develop strategies for tracking CBM+ metrics and its impact on materiel availability, mission success, life-cycle cost, and safety.

- Ensure that CBM+ related technologies are fully considered throughout the life cycle of DoD systems and infrastructure.

- Drive improvements in workforce proficiency through the use of training, developmental paths, and continual focus on the benefits of a CBM+ implementation.

- Actively pursue policies and procedures within the supply chain that leverage CBM+ and predictive maintenance processes.

The foundation of CBM+ remains the disciplined application of RCM and CBM principles to achieve longer and more efficient useful weapon systems' life and to provide warfighters combat power at an affordable cost. Effective CBM+ guidance is required to strengthen the Department's organizational structure and collaborative environment, institutionalize CBM+ in system sustainment capabilities, and improve enterprise-wide approaches. Advancements in CBM+ are made possible through an enhanced leadership focus, ushering in the next generation of maintenance strategies and transforming sustainment activities across DoD.

IV. Organization and Membership

CBM+ activities will be conducted by the following groups:

- CBM+ Senior Leaders
    - DASD (MR) will chair a panel of senior leadership CBM+ stakeholders during the annual CBM+ Senior Leader Summit.
    - The group's objective is to champion CBM+ implementation and execution and to direct CBM+ WG activities toward common objectives and solutions.
- CBM+ Working Group Principals (WG)
    - ODASD (MR) will chair the CBM+ WG.
    - WG principal members are nominated by the senior leaders from appropriate headquarters, field, and supporting commands of the Army, Navy, Air Force, Marine Corps, Space Force, and Joint Staff.
    - The WG's objective is to collaborate on CBM+ execution, provide Service inputs for DoD guidance and policy, share information, and perform other related duties, as assigned.
    - Monthly meetings will be scheduled by the Chair and conducted virtually.
- CBM+ Working Integrated Product Teams (WIPTs)
    - WIPTs will be established to accomplish specific projects or activities in support of CBM+.
    - WIPT leaders are designated by the CBM+ WG Chair.
    - WIPT's will meet as required to complete the desired activity. WIPTs may be short duration or long term to provide continuing action.

V. Responsibilities

The senior leadership group oversees their CBM+ activities through the following action:

- Approve the CBM+ charter and CBM+ WG activity.
- Encourage and monitor CBM+ technology and process use throughout the DoD.
- Propose or approve CBM+ projects within their area of responsibility.
- Advocate resource strategies that support CBM+ in their organizations.
- Nominate subject matter experts in their chain of command to participate with the WG.

The CBM+ WG Chair is responsible for:

- Scheduling and presiding over CBM+ meetings, as well as publishing and distributing results of all sessions
- Facilitating the CBM+ agenda and the decision process for resolving conflicts or issues among members
- Developing and maintaining access to all CBM+ information
- Accomplishing established goals and updating DASD(MR) concerning CBM+ progress and issues.

The CBM+ WG Members are responsible for:

- Recommending strategic direction, policy, and guidance for implementation of CBM+ throughout DoD.
- Identifying and analyzing resource strategies for CBM+ initiatives.
- Representing their organizations on maintenance, reliability, and sustainment issues.
- Providing support and guidance to the WIPTs.
- Providing regular updates on their organization's CBM+ activities.

- Collecting and sharing government and commercial CBM+ development, implementations, benefits, lessons learned, and research.

In their specific areas of interest, the CBM+ WIPTs are responsible for:

- Conducting and coordinating activities based on specific plans of action and milestones.

- Providing recommendations or performing actions, as appropriate.

- Reporting to the CBM+ WG, when required.

VI. Procedures

CBM+ Senior Leadership. Senior leaders participate in CBM+ as stakeholders, sharing their success and challenges that would benefit the DoD enterprise.

CBM+ WG. The WG will meet to conduct required business. The WG Chair will select the topics for discussion at each meeting, considering the recommendations of WG members. The WG Chair will also direct the preparation and dissemination of CBM+ materials and briefs. The WG will discuss CBM+ issues, pursue initiatives, receive briefings, advise on guidance, and conduct other business, as appropriate.

CBM+ WIPTs. WIPTs will meet as required, at the discretion of the WIPT leader, and include representation across DoD. WIPT leaders will report to the WG Chair, as directed. WIPTs will remain in existence only to accomplish specific goals and should be disbanded when the action is complete.