

## ENGINEERING MANAGEMENT BOARD

### 1. PURPOSE

This charter establishes the NASA Engineering Management Board (EMB) and sets forth its functions, membership, meetings, duration, assessments, and records disposition.

The EMB is established to provide advice, counsel, and make recommendations for consideration by the Chief Engineer relating to maintaining and improving all aspects of engineering capability in order to ensure engineering excellence within NASA.

### 2. APPLICABILITY/SCOPE

This charter applies to NASA Headquarters and all NASA Centers, including Component Facilities.

### 3. AUTHORITY

42 U.S.C. 2473 (c) (1), section 203 (c) (1) of the National Aeronautics and Space Act of 1958, as amended.

### 4. FUNCTIONS

The EMB will provide guidance for development, coordination, review, assessment, and deployment of Agency engineering activities related to policies, standards, methods, capabilities, and training.

The EMB will serve as a focus for continual improvement of engineering activities within NASA through the continuous capture, dissemination, and utilization of corporate knowledge gleaned through internal Agency activities, as well as through benchmarking activities of external organizations.

The EMB will annually review and provide input to the Office of the Chief Engineer's Functional Leadership Plan, including definition of related technical metrics. It will also periodically assess the status of existing programs sponsored by the Office of the Chief Engineer and make recommendations on objectives, scope, approach, and related items.

The EMB may charter ad hoc working groups, as needed, to guide Agency-wide policy and approach in specific technical areas. The EMB will periodically (at least annually) assess its progress and approve its continuance, if appropriate.

The EMB will serve as an advocate and focal point for support to independent technical reviews of NASA programs, technology, and advanced development activities as requested by the Administrator, the Program Management Council (PMC), or the NASA Chief Engineer.

**5. MEMBERSHIP**

The members of the EMB are:

- a. Chief Engineer, Chairperson.
- b. Deputy Chief Engineer.
- c. Deputy Chief Engineer, Management.
- d. Director, Engineering and Program Management Division.
- e. Director, Advanced Planning and Analysis Division.
- f. Mission Directorate Chief Engineers.
- g. All NASA Centers, including the Jet Propulsion Laboratory (JPL), Directors of Engineering.
- h. Chief, Safety and Mission Assurance.
- i. Director, Facilities Engineering Division (Headquarters).
- j. EMB Executive Secretary (as appointed by the Chair).

The Chief Engineer will determine additional attendance at meetings and may designate temporary members or invite other representatives at any time, including representatives from industry and academia, international partners, national laboratories, and other Government agencies.

**6. MEETINGS**

The EMB shall meet at the call of the Chair and at least semiannually. The Office of the Chief Engineer will establish the agenda in consultation with the members.

**7. DURATION**

The EMB will remain in existence at the discretion of the Chair.

**8. ASSESSMENT**

The Chief Engineer will provide a status of EMB activities and accomplishments to the Office of the Administrator via weekly reporting and status briefings to the Strategic Management Council, Program Management Council, and the Operations Management Council, as appropriate.

**9. RECORDS**

The NASA Chief Engineer is responsible for the maintenance of this charter and all other records associated with the EMB.