



**Acronyms**

MAB	Manufacturers Advisory Board.
PRT	Performance Review Team
RGB	Regulatory Governing Board
SAB	Suppliers Advisory Board
CMH-17	Composite Materials Handbook 17 (formerly MIL-HDBK-17)

**Preface**

The National Center for Advanced Materials Performance (NCAMP) develops and maintains an aerospace industry-shared composite material property database along with their material and process specifications. The NCAMP shared material property database contains material property data of common usefulness to a wide range of aerospace projects. The intent of NCAMP is to promote the publication of data for advanced composite materials which may be used in the design and certification of aircraft structure. However, it is not anticipated that the data provided will fulfill all the design needs of every project. Each user will need to assess the data available against the specific properties, en

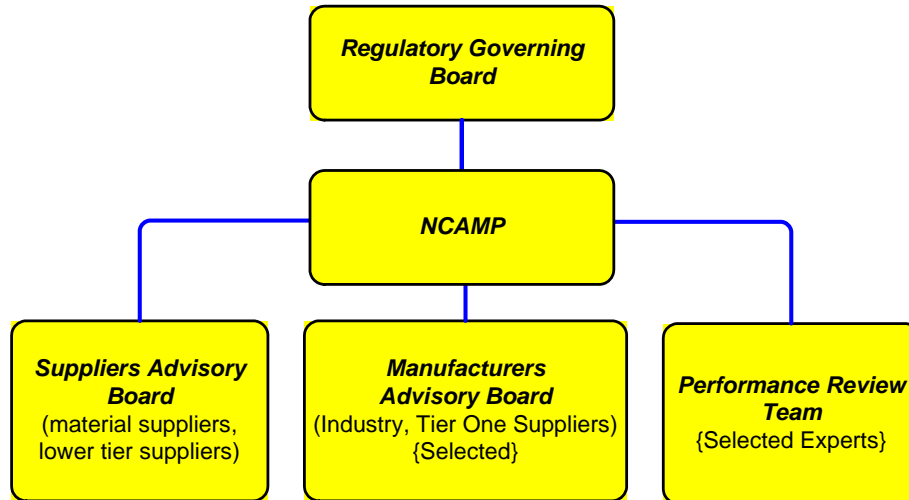


Figure 1. NCAMP Organizational Structure

The Manufacturers Advisory Board (MAB) consists of aerospace companies that are Original Equipment Manufacturers (OEMs), primes, and tier-1 suppliers. There are currently more than forty five (45) MAB members. Every MAB member has to designate

**Section 3. Scope of Activities**

1. Provide a means for interaction, discussion of common issues, and problem solving among participating companies.
2. Consolidate the common interests related to advanced composite material allowables and specifications.
3. Develop the framework and, if necessary, provide resources to ensure successful execution of projects that serve material end-user and industry interests.
4. Provide feedback to NCAMP to ensure generation and maintenance of reliable material allowables database and specifications.
5. Provide assistance and feedback to NCAMP for the development of analysis methods, material property data, and design

### **Section 1. Voting Procedures**

The ballot may be in the form of a webpage, Adobe Acrobat file, or email. Detailed information about the purpose of the ballot must be provided to the voting members. The votes will be considered by RGB and NCAMP staff for the purpose of making a final decision on the matter.

### **Section 2. Voting Members**

1. MAB will oversee all test plans, material specifications, process specifications, data reports, and allowables reports and vote on all changes. For technical matters such as document review and approval, every MAB member will receive a ballot.
2. RGB and the NCAMP Manufacturers Advisory Board (MAB) will participate in material selection process. For material selection matters, every company will receive a ballot. The individual companies will identify their own representatives, known as Company Appointed MAB Member, to receive and submit the ballot on behalf of the companies. Company Appointed MAB Member are appointed by the individual company managements, usually the vice-president of engineering, to be the official point-of-contact with NCAMP.

### **Section 3. Waiver Procedures**

When it is in the best interest of NCAMP members, the MAB shall have the right to waiver rules documented herein.

## **ARTICLE IV MEETINGS**

MAB meets on as-needed basis; typically, upon request of an MAB member or at the onset of a program when input from various companies are needed. Changes and revisions to documents are typically communicated and balloted electronically. At this time, there are no regularly scheduled MAB meetings.

### **Section 1. Meeting Procedures**

NCAMP MAB meet s:

1. NCAMP staff will open the meeting with an introductory statement and provide a report of the current NCAMP activities.
2. NCAMP staff will ask for comments on the prior meeting's minutes, if any, and propose their approval of the minutes with amendments, if any.
3. NCAMP staff will review the current status of all open agenda items. New agenda items will be identified.

### **Section 2. Item Introduction Procedures**

1. An MAB member may coordinate with NCAMP staff to define a proposed item. This coordination activm0to5-0.he5 0 Td(s:nutem)Mt.Td{An MAB mem)8beBDC.)Tj -1.64 5C /P 6AMCID 11 BD

**ARTICLE V APPROVAL AND MODIFICATION OF BYLAWS**

1. The initial approval of these By-Laws will require a review by all MAB members and acceptance by Company Appointed MAB Member.
2. A vote of the Company Appointed MAB Member will be taken for any proposed modifications of the By-Laws.