

## **CHARTER**

### **International Academy of Astronautics (IAA) Committee of International Policy and Programs Working Group on Advanced Space Propulsion Concepts**

The permanent working group on Advanced Propulsion Concepts is established and chartered by the International Academy of Astronautics (IAA) under the aegis of the committee on International Policy and Programs to advocate, foster, and support, by all appropriate means, all activities involving those techniques and technologies which are enabling in the advancement of all aspects of the science of propulsion as related to access to, operating in, and return from space.

The working group will be composed of IAA members and others selected for their interest and expertise in one or more of the technologies related to space propulsion. The working group will function under the guidance of the following governing body:

1. Chairman
2. Vice-chairman(s)
3. Secretary

The working group will meet in business sessions in conjunction with the regularly scheduled International Astronautical Congress (IAF) semi-annual meetings. Working or special interest meetings will be held as deemed appropriate by the membership.

#### **INAUGURAL MEETING ATTENDEES**

Fourteen people attended the inaugural meeting. The membership is currently under review.

#### **STEERING COMMITTEE MEMBERS**

The following individuals attended the steering group meeting in Paris in April, 1997.

- M. Bayer, MAN Technologie
- R. Beichel, Aerojet/Aerospace Consultant
- M. Calabro, Aerospatiale
- M. Caporicci, European Space Agency
- A. Goldstein, The Aerospace Corporation
- M. Hansson, Reaction Engines Limited
- M. Pouliquen, SEP
- Wolfe, The Aerospace Corporation

On July 17, 1997, in El Segundo, California, Messrs. Pouliquen, Caporicci and Wolfe met with Aerospace Corporation personnel to discuss the feasibility of The Aerospace Corporation hosting the last two days of the proposed workshop. The Aerospace participants included:

- James D. Gilchrist
  - Gary F. Mueller
  - Edward K. Ruth
  - William W. Wang
  - George F. Widhopf
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## **MISSION STATEMENT**

### **International Academy of Astronautics (IAA) International Space Policy and Plans Committee Working Group on Advanced Space Propulsion Concepts**

The working group on Advanced Space Propulsion Concepts shall:

- Survey and record current and future international space propulsion needs,
- Invite publications and discussion of new space propulsion concepts, new relevant technologies, and possible new combinations of existing technologies that can contribute to more economical access to and operations in space,
- Evaluate various concepts proposed and publish and promote new concepts and approaches of merit,
- Promote and provide leadership for responsible national and international debate on the relative merits of alternative proposals, possibly organizing appropriate meetings for this purpose,
- Stimulate improved public awareness of the relative economic, performance, and reliability merits of new space propulsion concepts, and
- Promote the publication and international dissemination of ideas and commentary of merit addressing the broad range of space propulsion needs, with special attention to meeting space transportation requirements on a timely basis.