



Progress report on IAA Study Group 3.9 “Private Manned Access to Space”

Proposer(s): H. Rauck – G. Brachet; **Chair:** Ch. Bonnal
Primary IAA Commission Preference: Commission 3
Secondary IAA Commission Interests: Commission 5

Overall Goal:

Identify and quantify the key topics associated to **Manned Private Access to Space** for both **Orbital** and **Sub-orbital** missions.

Key words:

- Technical aspects
- Legal and regulatory aspects, safety aspects
- Financial aspects, market analyses, associated business plans
- Motivations of potential customers
- Physiological and Psychological requirements, ergonomic constraints

Expected outcome of the study:

IAA Position Paper giving the keys to the topic and potentially including recommendations. Subdivision of the study into key chapters, with one “book captain” per chapter ; 7 or 8 members per chapter covering a wide range of origins (countries, agencies, industrials, searchers, operators...)

Time line:

2 to 3 years following the initial proposal (March 2007)

↳ Please correct the IAA table: end is not by December 2008!

Logic: IAA symposium ⇒ 28-30 May 2008
Publication of the full CD with all the papers ⇒ July 2008
Report during IAC Glasgow ⇒ October 2008
Publication in Acta Astronautica of the 15-20 best papers ⇒ March 2009
Drafting of the Position Paper ⇒ Daejeon, October 2009
Re-work within the SG3.9 working group ⇒ IPC, Paris March 2010
Draft release for Peer Review within IAA ⇒ IPC, Paris March 2010
Final publication ⇒ IAC, October 2010.

1st IAA symposium on Private Human Access to Space

Arcachon, 28-30 May 2008

Planning:

Was agreed upon during the March 07 meeting of IAA
 First announcement and Call for Papers have been released
 Preliminary program has been distributed (5000 copies)
 72 papers by authors coming from 16 countries
 So far, 6 registered delegates...

Association with IAA Commission II, in line with the SG2.6 relative to Medical Safety Guidelines for Passengers on Commercial Orbital Space Flights ; Final report expected by end of 2007, so very good timing

Association with IAA Commission IV, on safety and reliability aspects

Co-sponsorship from AIAA, ACE, 3AF, Aerospace Valley, IISL, Eucass, Astech, ARA and IAF

Very weak support from Commission III, and from IAA in general...

Current list of Program Committee members:

Chairman of the Programme Committee: Christophe Bonnal – CNES, IAA	
Dr. Melchor J. Antuñano	Director, Civil Aerospace Medical Institute, FAA
Max Calabro	The Inner Arch, former head of propulsion department in Astrium Space Transportation, IAA
Pr. Mireille Couston	University of Lyon 3, Head of Space Laws Center
Pr. Richard Crowther	Rutherford Appleton Laboratory
Philippe Droneau	Deputy Director, Toulouse Cité de l'Espace
Alain Dupas	Collège de Polytechnique
Patrick Eymar	N4E, former head of future projects at Astrium ST
Max Grimard	Head of Business Development, Astrium, IAA
Walter Peeters	Dean of ISU, International Space University
Manola Romero	ONERA, IAA
Dave Salt	Vega Group, European Space Agency
Garrett Smith	Airbus, Chairman of the 3AF Space Tourism Commission
Derek Webber	Spaceport Associates
Francis Winisdoerffer	Airbus, Professor at Strate College

+ Rupert Gerzer (sorry Rupert! Will be corrected asap...)

↪ Basic list of authors of the Position Paper

Full program, registration form, hotel list, available on IAA site of
www.avantage-aquitaine.com



IAA 1ST SYMPOSIUM ON PRIVATE HUMAN ACCESS TO SPACE,

ARCACHON / May 28 to 30
FRANCE / 2008

PRELIMINARY PROGRAMME

