



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)

1st IAA symposium organized in Arcachon, 28-30 May 2008

Planning:

Was agreed upon during the March meeting of IAA
First announcement and Call for Papers have been released
Dedicated contacts with potential participants to take place in the coming months
Second announcement by beginning of November
Deadline for abstracts (prior to extension): Dec 5th
Selection of abstracts by Feb 2008

Proposal to associate 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 (contact with Melchor J. Antunano)

Proposal to associate IAA Commission IV, on safety and reliability aspects (contact with Manola Romero)

Clear and enthusiastic interest from:

Alain Dupas, French consultant specialized on strategy

Dave Salt, (Vega), English specialist on Market Analyses

Francis Winisdoerffer, French Architect, teaching ergonomics at Strate College

Garrett Smith from Airbus, for the technical aspects

Pr. Mireille Couston from Lyon University on legal aspects

↳ Will be the basis of the International Program Committee which should be defined by end of October

Numerous positive answers to date from some 20 organisms or key individuals.

Very positive reaction from press (several dedicated interviews to date)

Several abstracts already received.

1 journalist has already booked his hotel room...

↳ Nevertheless, no idea yet of the expected size of Symposium

Questions relative to co-sponsorship:

What is the strategy ?

Possible support from AIAA, 3AF, BIS