

# IAA Study Group Status Report

**Responsible Commission: III**

**Study Number and Title: SG 3.9 “Private Human Access to Space”**

**Short Study Description** (repeat from Study Group Proposal):

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

- 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

IAA Situation Report 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...)

**Progress in past six months:**

- Preparation of the Special Issue of Acta Astronautica on Private Human Access to Space following the IAA Conference in Arcachon 2011
- Minor progress in the technical content of the Situation Report in the following topics:
  - o System aspects
  - o Technical (sub-systems, propulsion)
  - o Market analysis, motivations
- Current status of completion: roughly 50%

**Website Study Information up to date?** (Study Group Membership, Study Plan and Schedule):

Yes, including all previous status reports

**Issues requiring resolution?** (recommend approach):

Problem to motivate the team considering the very low progress made on the developments (Virgin Galactic, XCor, RocketPlane, Astrium SP...) since 2004.

**Product Deliveries on Schedule?** (If modified explain rationale):

No, 6 months delay due to insufficient work within the team, starting by the chairman

**Study Team Member Changes?** (List any Study Team Members that you wish to discontinue, and provide names plus contact coordinates of any Members you wish to add on the second page of this Study Update form.) Note: Complete contact information including email, tel. and fax must be provided for all additions. Only Members with complete contact information will be listed and receive formal appointment letters from the IAA Secretariat.)

None identified so far.

**Name of person providing Study Group Status** (Study Group Chair or Co-Chair):

Christophe BONNAL

**Status Report Date:**

Sept.29, 2012