



“ShipInSpace 44 Passengers Suborbital Vehicle”

Fabrizio Boer, Ship In Space

--- ABSTRACT ---

SHIPinSPACE intends to present the details of its 44 Passengers Suborbital Vehicle currently under development for a pre-Phase B.

In particular the FEM static and dynamic analysis of the Passengers Module will be shown as well as the aerodynamic study of the selected wing and tailerons.

The vehicle shall be presented with the current aerodynamic baseline derived from the CFD study.

An innovative manufacturing concept will be also presented aimed at much reducing the manufacturing parts number, the assembly time of the parts tolerance issues. The objective is to reduce the manufacturing labour time by 50% and the design to manufacturing by 60% thanks to the use of recurrent structural parts.

--- SUNTO BIOGRAFICO DELL'AUTORE ---

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