

IAF HUMAN SPACEFLIGHT SYMPOSIUM (B3)  
Interactive Presentations - IAF HUMAN SPACEFLIGHT SYMPOSIUM (IPB)

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ARMILLIARY SPHERE; FLIGHT SIMULATOR AND SPACE SUIT

**Abstract**

As an astronaut or pilot, it's necessary to pass through a lot of training phases that involve medical, physical and psychological tests. NASA receives almost 12,000 requests per year. That means a very demanding selection process, and in the process of being a pilot is necessary to be evaluated in different fields at different times. Usage of Smart suits alongsides Virtual reality and real life stimulus to emulate and space shuttle so that biometric data can be read con aid determine whatever a subject can or can not tolerate low orbit or even high orbit space flights.