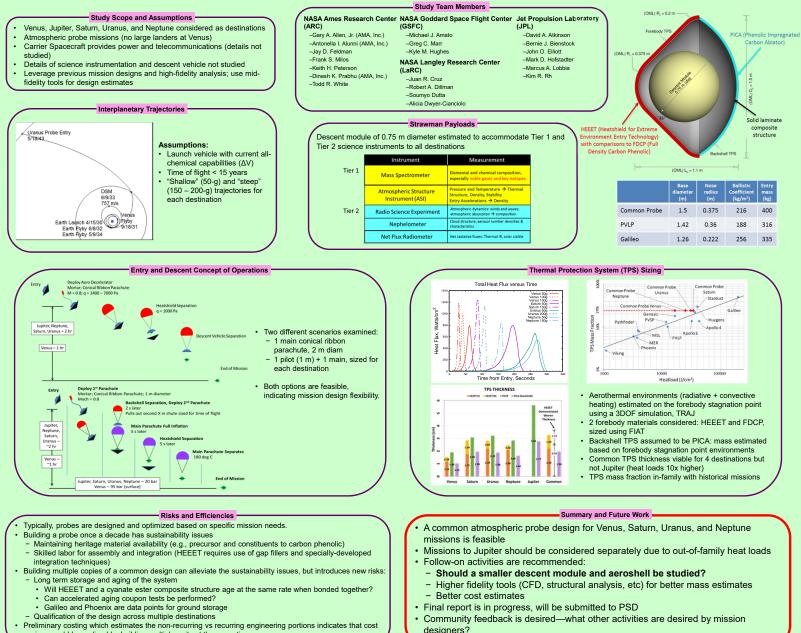




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- Introduction and Background The Planetary Science Division of the NASA Science Mission Directorate funded a study from October 2017 – June 2018, involving 4 NASA Centers (ARC, GSFC, JPL, and LaRC), to address if a common aeroshell design could be utilized at multiple destinations instead of optimizing a design for a specific mission. If this common design were built with several copies, what efficiencies and risks would be involved?



savings could be realized by building multiple units at the same time

Con

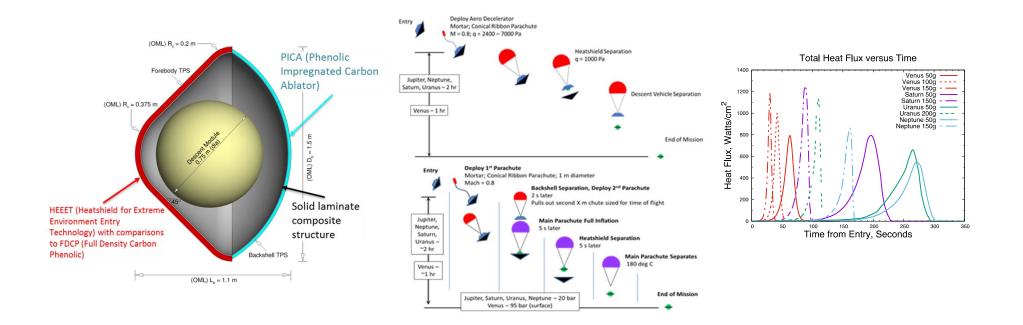


A Common Probe Design for Multiple Planetary Destinations

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Is it possible to "disrupt" the atmospheric probe mission design paradigm by designing and building an aeroshell that could be flown at Venus, Jupiter, Saturn, Uranus, and Neptune? Come find out!



Outer Planets Assessment Group Meeting, September 11-12, 2018, Pasadena, CA