

SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS (D2)  
Commercial Human Spaceflight Safety (9)

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SPACESHIP TWO: DESIGNING FOR SAFETY

**Abstract**

This paper will present Virgin Galactic's approach to designing for safety across the vehicle development program, vehicle production, and passenger operations. SpaceShipTwo is the successor to SpaceShipOne, the Scaled Composites-designed vehicle that successfully won the X PRIZE in 2004. The new vehicle, currently undergoing test flight in the United States, will be capable of carrying eight people into space.