

Space Perspective Background on Safety and Regulations

Space Perspective, the world's first carbon-neutral spaceflight experience company, is on a mission to make space travel more accessible than ever before. Its innovative Spaceship Neptune, which comprises a pressurized capsule propelled by a giant SpaceBalloon[™], offers a safe and transformative six-hour journey to the edge of space.

At Space Perspective, your safety is our top priority as we redefine the future of space tourism. We are dedicated to ensuring every aspect of your journey is both enjoyable and secure.

- Space Perspective's design, manufacturing and operations are extensively regulated everywhere in the world by the US Federal Aviation Administration (FAA) as well as the US Coast Guard. Starting with legacy technologies that have proven safety records, we adhere to or exceed all FAA regulations, safety protocols and standards, as well as NASA and industry standards.
- Furthermore, we employ industry leaders in both the engineering and manufacturing of the composite structure for our Spaceship Neptune Capsule. Our head of capsule manufacturing, for example, led flight composite manufacturing at SpaceX, including for the Dragon capsule and Falcon 9 composite structures.
- The composite structure of Spaceship Neptune is constructed from aviation and space industry standard materials using well established processes. Specifically, the material system that we have selected has been certified for aviation and space use under the National Center for Advanced Materials Performance (NCAMP). This requires strict process controls on the fabrication of both the material and the resulting structure.
- In addition to the materials and processes, the structural design and analysis of Spaceship Neptune follows standards established by the FAA and NASA, which have been proven to produce safe, reliable composite structures. Prior to human flight, the structural design and analysis of Spaceship Neptune will be reviewed and approved by the FAA following FAR Part 460 Human Space Flight Requirements. As part of these regulations, the FAA reviews the safety of every flight and is in our Mission Control monitoring the flight from beginning to end.

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