



High Speed Aerospace Transportation (HSAT) Workshop 2021

Combined 3rd and 4th Edition
December 9-10, 2021

Enabling Air-Ground Infrastructure and Standards For High-Speed Aerospace Transportation Vehicles

Hosted by:

*Midland International Air & Space Port
Midland Development Corporation
University of Texas Permian Basin*

Collaborators, Supporters and Partners

*Global Spaceport Alliance
Commercial Spaceflight Federation
FAA Center of Excellence for Commercial Space Transportation
ASTM International
Foundation for the Future
The Aerospace Corporation
AIAA*





WELCOME MESSAGE FROM THE WORKSHOP CHAIRMAN

“Welcome to the 3rd and 4th combined edition of the High-Speed Aerospace Transportation Workshop (HSAT). This Workshop is unique as it is laser focused on the aerospace transportation Point to Point (P2P) missions, markets, challenges, and opportunities across all regimes: transonic, supersonic, hypersonic, and orbital. The workshop (not a conference) will yield practical solutions and initiatives to enable the safe, efficient, profitable, and scalable future of high-speed aerospace transportation.

This workshop recognizes and honors the fact that attendees are key stakeholders and the best experts in the P2P industry in all its key disciplines.

Together, and interactively, we will discuss how the basic and applied sciences and technology required to evolve ideas and concepts of operations into viable, safe, and sustainable modes of P2P transportation.

On this combined 3rd/4th edition, we are also emphasizing the standards and practices required for the industry to be scalable and interoperable globally.

As in previous editions, expert presenters will frame the challenges and opportunities in each high-speed segment through case studies of relevant markets, sciences, technologies, products and services.

We will further populate the comprehensive HSAT-P2P Issues-Work-Matrix that we compiled in the preceding editions. The Matrix addresses the P2P industry key conditions, frameworks, challenges, opportunities, and markets including ground and air infrastructure con-ops, design and engineering, economic, regulatory, and operational feasibility for commercial, military, government, and NGO’s use.

HSAT’s combined 3rd/4th edition promised to be extremely relevant, useful, and effective for this decade of exponential growth in the P2P industry.

Moreover, all our efforts and gains at the workshop as a group will be augmented by the ongoing and future collaboration between the High-Speed Flight/FastForward groups with:

- The Commercial Spaceflight Federation (CSF), as a Research and Education Member
- The FAA Center of Excellence for Commercial Space Transportation (COE-CST) as an Associate Member
- The Global Spaceport Alliance (GSA) as a member of its Point-to-Point Transportation Working Group

We welcome you onboard and are proud and excited, to be a part of this unique hands-on group meeting focused exclusively on enabling the world to fly faster and to do so safely, reliably, and profitably.

Again, it is my honor to Chair this event together with such distinguished, diverse, and forward-looking High-Speed Aerospace Transportation industry leaders.”

Oscar S. Garcia, Chairman & CEO
InterFlight Global Corporation/High Speed Flight-Fast Forward Group

