High Speed Aerospace Transportation (HSAT)
AIAA Workshop 2025 - 8th Edition

Wednesday, November 12th Afternoon
Thursday, November 13th Full-Day
Friday, November 14th Morning

Funding the High Speed Aerospace Transportation Industry, Leading Technology Development, Flight Demonstrations, Human Factors, Certification, Technologies Advancement, High Altitude and Speed Aerospace Medicine, Space Weather, Promoting the Market and Economics, Policy and much more.

Hosted by:

Midland Development Corporation (MDC)
Midland International Air & Space Port
The University of Texas System (UT), Permian Basin (UTPB)-College of Engineering
Center for Energy and Economic Diversification (CEED)
InterFlight Global Corporation (IFG)
High Speed Flight (HSF)

Collaborators, Memberships, Supporters and Partners:

American Institute of Aeronautics and Astronautics (AIAA)
Global Spaceport Alliance (GSA)
Commercial Space Federation (CSF)
FAA/FAA Office of Commercial Space Transportation (AST)
The MITRE Corporation
ASTM International-SAE
Joint Hypersonics Defense Office - University Consortium for Applied Hypersonics (JHTO-UCAH)
United States Space Force Association (SFA)
United States Transportation Command (USTRANSCOM)
Defense Innovation Unit (DIU)

The HSAT Workshop Protocols include: Chatham-House Rules, only non-ITAR information and no media presence.
Organizers reserve the right to change and modify this program as needed.

8th HSAT-AIAA WORKSHOP WELCOME MESSAGE FROM THE CHAIRMAN:

Welcome to the **8th High-Speed Aerospace Transportation (HSAT) Workshop**, a one-of-a-kind, action-oriented, and results-driven event for the **High-Speed Flight (HSF)** industry. This year's workshop, once again co-sponsored by the **American Institute of Aeronautics and Astronautics (AIAA)**, brings together the leadership and key members of the **HSF Task Force**. HSAT 8 is laser-focused on a bold vision: enabling **Point-to-Point (P2P)** transportation of people and goods across the planet, through all high-speed flight regimes—**transonic, supersonic, hypersonic, and suborbital**.

What makes HSAT truly unique is our comprehensive and integrated approach. We address every dimension necessary for industry advancement, encapsulated in the acronym **PRO-SST&F**: **Policy, Regulations, Operations, Standards, Safety, Technology, and Finance**.

A Bold Goal for the Future

The 8th edition sets the most ambitious target in our history: **to raise over $100 billion in capital by 2030**—a bold but achievable goal.

We believe the current global landscape is aligned with our mission. The conditions are ripe for the **demonstration and proliferation of supersonic, hypersonic, and orbital P2P transportation**. However, we remain mindful of the challenges ahead—**geopolitical, socioeconomic, and environmental** headwinds that can be intense, persistent, and complex.

Breaking the Tyranny of Mach 1

HSAT was founded to deliver real-world solutions to long-standing barriers in aerospace—what the HSF community calls the **"Tyranny of Mach 1."** Aside from the Concorde's limited run (1973–2003), commercial aviation has been stuck under this speed ceiling for over six decades.

Fortunately, **in June 2025**, a **historic Executive Order from the White House** signaled the potential end of the overland speed restrictions in place since 1973. This landmark policy shift could unlock a new era in high-speed flight.

Welcoming You Onboard

Whether you are joining HSAT for the first time or returning, I am honored to welcome you. We are proud to collaborate with organizations such as **AIAA**, the **Global Spaceport Alliance (GSA)**, and many others. Together, we share one mission: to enable safe, reliable, and profitable flight at and beyond **Mach 1.** We also include the **high-speed transonic** sector—long-range commercial aircraft cruising at speeds above Mach 0.90—as a valuable indicator of market readiness and public appetite for speed.

The HSAT 8 Experience

This year's workshop brings together **over 100 influential HSF stakeholders** from across the U.S. and the world—including Japan, Australia, the European Union, and the UK. Our discussions will respond directly to recent mandates from **Congress** and regulatory agencies to integrate high-speed commercial flight into both **National and International Airspace Systems (NIAS)**, in coordination with **Air Navigation Service Providers (ANSPs)**.

HSAT is firmly embedded in the trajectory set forth by the **FAA Reauthorization Act of 2024 (H.R. 3935)** and the **2025 White House Executive Orders**. Together, we will work to support agencies like the **FAA**, **DOT**, **DOC**, and even the **DOE**, with insights, deliverables, and actionable recommendations.

Interactive, Results-Oriented Format

Our interactive workshop format fosters open dialogue, candid debate, and focused collaboration. Task groups produce **White Papers**, **Observation Findings and Recommendations (OFRs)**, and frameworks for **voluntary standards and best practices**—all aimed at enabling financially and economically sustainable command and civil high-speed flight.

We will cover a wide range of technical domains:

- Vehicles, systems, and powerplants
- Airspace and infrastructure
- Adjacent technologies
- Safety and regulatory frameworks

Our **HSAT Matrix** approach allows us to cross-analyze issues across all speed regimes and identify synergies, avoiding duplication and maximizing effectiveness.

Safety, Standards, and Scalability

Safety is our top priority. HSAT promotes phased approaches to achieving safety and sustainability benchmarks equivalent to today's commercial aviation. We support industry-wide adoption of **voluntary consensus standards** to ensure global interoperability and scalability.

The **HSAT Issues Matrix** (included in the program appendix) reflects key stakeholder priorities, public survey responses, and adjacencies to defense, government, humanitarian, and NGO operations.

Building on Momentum

This 8th edition builds on the legacy of the past seven editions. We've identified the tools and platforms for the public to advocate for faster flight—what we call the right to "**shout politely**" for high-speed travel. We continue to propose **bilateral regulatory agreements** with like-minded nations.

Our vision remains clear:

To make the world smaller and more connected—enabling

anyone to fly anywhere on Earth and back within a single business day.

We believe the FAA reauthorization's inclusion of HSF reflects both our industry efforts and the **public's growing support**—as our hard-earned "**social license**." But we must continue to build momentum.

Ready for the World
The market is ready. Business, leisure, humanitarian, and military applications all stand to benefit. Shortening travel times—some of which currently exceed 20 hours—is not just about speed; it's about unlocking **productivity, connectivity, and global opportunity**.
Recently we have enhanced several important tracks, including:

- **Aerospace medicine** and **human factors**
- **Health and fitness** for flight (for crew, passengers, and ground personnel)
- **High-altitude and space weather** for improved air and space traffic safety
- **Artificial Intelligence (AI)**, **Machine Learning (ML)**, and **Quantum Computing** for system optimization

And, most critically, we are engaging with **investors, financiers, private equity firms, venture capitalists, and institutional stakeholders** in our quest to raise over **$100 billion for the HSF overall industry by 2030**.

Strategic Partnerships
We are proud to collaborate with a broad range of partners and organizations, including:

- **American Institute of Aeronautics and Astronautics (AIAA)/integrated outreach committees (100's)**
- **Global Spaceport Alliance (GSA)**
- **NASA**
- **Boeing Research and Technology**
- **Commercial Space Federation (CSF)**
- **US Space Force Association (SFA)**
- **UCAH – University Consortium for Applied Hypersonics**
- **ASTM F47 Commercial Spaceflight Standards Committee**
- **SAE Supersonic and Hypersonic Committees**
- **Hypersonic and Reusable Launch Vehicle Working Groups**
- **Transportation Research Board (TRB)**, including the **New Entrants in the NAS Working Group**

A "One-Day World"
HSAT's ultimate objective is to **mobilize markets**, **engage the public**, and **inspire policymakers, investors, and technologists** to make **safe, efficient, and profitable high-speed aerospace transportation** a global reality.

We believe in a **"one-day world"**—a world where people and goods can move swiftly, safely, and sustainably, through the atmosphere and even through space.
Once again, I am honored to Chair this event and to work alongside such a **diverse, visionary, and dedicated group of leaders**. I look forward to your active participation, your contributions to our working groups, and to building a faster, more connected world—**together**.

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

WELCOME MESSAGE FROM THE WORKSHOP CO-SPONSOR-AIAA

American Institute of Aeronautics and Astronautics (AIAA)
AIAA is proud to cosponsor the High-Speed Aerospace Transportation Workshop. The work you're advancing here is essential as we transform flight for the future.

As the world's largest network of aerospace professionals – more than 30,000 individual members and nearly 100 corporate members – AIAA is more than a network of technical experts. AIAA is an information ecosystem, accelerating insights into the complexities of modern aviation and space systems through dialogue and collaboration across the aerospace community – ultimately for the benefit of society.

The global aerospace sector stands at a pivotal moment. We face tough challenges: disruptive technological advances, geopolitical instability, and workforce transformation. Our industry is evolving rapidly, demanding increasingly sophisticated systems that integrate traditional aerospace disciplines with emerging technical capabilities like artificial intelligence, digital engineering, and systems-of-systems design.

The evolution that's needed requires us to break the barriers holding us back. To challenge conventional approaches. To pursue complex solutions for emerging markets. Together.

Hypersonics, supersonics, and transformational flight represent critical focus areas for AIAA. Our participation in this workshop enables deeper connection among the stakeholders who will deliver the diverse, strategic, future-facing systems thinking that we need for the future successes in aeronautics.

Your work is pushing toward a brighter horizon. Your collaboration achieves breakthroughs to fly farther, faster, and smarter. We look forward to our collective progress.

Clay Mowry, Chief Executive Officer, AIAA

WELCOME MESSAGE FROM THE WORKSHOP CO-CHAIR

Global Spaceport Alliance (GSA)

The Global Spaceport Alliance (GSA) continues to be an enthusiastic partner and supporter of the High-Speed Aerospace Transportation Workshop. With all the amazing progress being made in aerospace technology and operations, the goals of the GSA Point to Point (P2P) Advisory Group remain perfectly aligned with this event.

HSAT's interactions are focused on enabling safe, sustainable, and responsible high-speed, long-distance transportation. Although it is difficult to know exactly how and when such a future will unfold, it is clear that P2P travel through space is going to be a major game-changer, both for what it means for national security, and for its impact on economic competitiveness.

The ability to fly people or cargo from one side of the Earth to the other in just an hour or two will radically change not only how we travel, but also how we communicate, how we do business, and how we engage with and get along with other nations, other cultures, and other societies.

In October, GSA conducted the second annual International Spaceport Meeting in Sydney, Australia, immediately prior to this year's International Astronautical Congress. The meeting was a tremendous success, with over 100 participants from 14 different countries. Point-to-point transportation through space was a topic of one of the panel sessions, and it offered an opportunity for stakeholders to come together to identify issues and begin discussing potential solutions. We look forward to continuing the conversation with the broader HSAT community as we focus on how P2P flight through space will help to shrink the planet. Topics of particular interest for GSA will include spaceport readiness, testing, safety, infrastructure funding, and needed changes to laws, policies, and regulations.

GSA was established in 2015 with the goal of creating a global network of spaceports that will allow increased access to space, and that can serve as focal points and technology hubs in growing the space economy. The group currently has 102 Member Organizations, including spaceports and the companies that support them, government agencies, non-profits, and academic institutions, with representation from 15 different countries all over the world, and 6 of the 7 continents. We hold an annual GSA Spaceport Summit in Orlando, in conjunction with the Space Mobility and SpaceCom Conferences, and we are actively involved in partnering with stakeholders at NASA, DoD, and the FAA, and with industry, academia, and the international community.

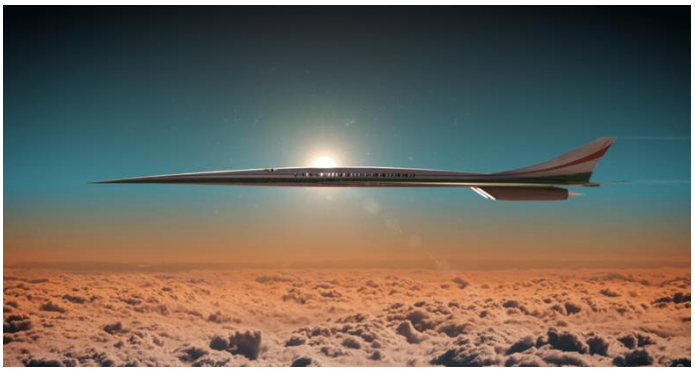
Dr. George C. Nield, Chairman, Global Spaceport Alliance

WELCOME MESSAGE FROM THE COMMERCIAL SPACE FEDERATION (CSF)

As the voice of the commercial space industry, CSF advocates for the continued growth and development of the industry including commercial point-to-point suborbital operations. These emerging vehicle operations will provide rapid transportation and cargo delivery capabilities to connect communities both within the United States and internationally. The enormous potential of these operations will drastically shorten business and recreational travel, enable enhanced logistics and supply chain capabilities, and drive economic growth.

CSF recognizes that realizing this potential requires dedication to modernizing domestic and international policy and regulations, significant investment by the private sector and government, and clear engagement and communication with the public. CSF will continue to engage with key stakeholders to drive the development of the point-to-point suborbital transportation industry to support the development of this critical industry.

Dave Cavossa, President, Commercial Space Federation (CSF)



WELCOME MESSAGE FROM THE WORKSHOP HOSTS

Midland Development Corporation (MDC)

Welcome to Midland, Texas and to the Midland International Air & Space Port. The City of Midland and the Midland Development Corporation are honored to host this important 6th Edition of the High-Speed Aerospace Transportation workshop. We welcome the opportunity to build upon our belief that high-speed aerospace transportation is the wave of the future, and to bring like minds together with the vision of high-speed aerospace transportation for the benefit of all in Texas, the United States, and the world.

We will introduce you to the leading ground and air infrastructure being developed at the Spaceport Business Park, the business opportunities present in the City of Midland, and the Midland International Air & Space Port, the only commercial airport with scheduled airline service co-located with a spaceport. We can help make your high-speed aviation and space ventures successful.

The University of Texas Permian Basin's Colleges of Engineering and Business, and Midland's local technical and engineering colleges are continuously evolving their industry relationships, curriculum, and training programs to provide you with qualified local apprentices, technicians, engineers, and researchers.

Over 700 acres of land owned by the MDC and City of Midland are available for new office, manufacturing, and research and development needs, and Midland boasts a workforce with over two times the national average of engineers per capita, as well as some of the nation's best fabricators.

Ms. Sara Harris, Executive Director, Midland Development Corporation

Midland Air & Spaceport

Welcome to Midland! The Midland International Air & Space Port is excited to be hosting this workshop. The airport offers unparalleled high-speed and space airspace access to well-established and entrepreneurial aerospace companies experiencing rapid growth.
Midland has airspace and weather conditions perfect for high-speed flight R&D, testing, evaluation, and training.

Midland International Air & Space Port is a 1,680-acre property owned by the City of Midland. Classified by the FAA as a primary commercial small-hub airport, MAF is certified under Federal Aviation Regulation Part 139 and Part 420 as a spaceport. MAF is served by three airlines - American, Southwest and United, with daily non-stop flights to Austin (AUS), Dallas (DFW & DAL), Denver (DEN), Houston (HOU & IAH), Las Vegas (LAS), and Phoenix (PHX). The property contains four runways and associated taxiways: two air carrier runways and two general aviation runways.

The City of Midland also operates Midland Airpark, located on the northern side of the city. Midland Airpark serves the general aviation public, including business and corporate traffic.

Midland International Air & Space Port believes in the future of high-speed aerospace transportation for our Nation's leadership in air and space transportation, and for our national security and safety, and is ready to support those who want to bring their ideas to West Texas.

Ms. Justine Ruff, Director of Airports, City of Midland

The University of Texas Permian Basin (UTPB)

Welcome one and all to the biggest and best HSAT workshop to date, UTPB is once again extremely honored to be your host for this tremendous event. We welcome all of you and appreciate you journeying to West Texas to join us for such an important topic to our Nation and the world.

While you are here at UTPB, we invite you to explore the halls of our Engineering building, which houses the recently reorganized College of Engineering and Sciences that now includes several physical science degrees to allow for more collaboration across disciplines. Next door to the Engineering building is the Center for Energy and Economic Diversification (CEED), that houses the Office of Innovation & Commercialization. CEED is the hub for innovation in the Permian Basin, serving as a gathering space for entrepreneurs and provides many resources for startups and small businesses. Lastly, you will dine in the Wagner Noël Performing Arts Center, a beacon of culture here in West Texas. As a regional comprehensive university, UTPB is proud of the diversity of educational experiences our institution has to offer.

We look ahead to also supporting the growing space and aerospace industry here in the Permian Basin. As the industry grows, we have the ability to support our partners through collaboration and a skilled workforce. I look forward to connecting with you, and welcome follow up at any time.

Brian Shedd, Ph.D. Executive Director, Office of Innovation & Commercialization UTPB

Program

Day 1. Wednesday, November 12th, 2025

13:00 HSAT Workshop Kick-off/Registration

- **INTRODUCTIONS AND HSAT AIAA FRAMEWORKS 2025-2050+**

13:00-13:15 High Speed Aerospace Transportation- Industry General Vistas 2025-2050

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

13:15-13:20 Welcome UT System - Vistas on economic diversification into aerospace-high speed flight industrial clusters

Dr. Sandra Woodley, President, University of Texas Permian Basin

13:20-13:40 AIAA Vistas on the High Speed Flight Industry- Aero/Space and R&D

Mr. Jim Sherman, Senior Director, Aeronautics, AIAA

13:40-14:00 GSA Vistas for Spaceports, ground and airspace infrastructure, policy and strategies

Dr. George Nield, HSAT Co-Chair and Chairman, Global Spaceport Alliance (GSA)

14:00-14:20 Regulatory and Safety vistas for space P2P transportation- Beyond Safety, by Encouraging, Promoting and Facilitating commercial spaceflight

Mr. Kelvin Coleman, Founder & Principal, Baines Advisory Group

14:20-14:40 The CSF today and its vistas for the future Point to Point Suborbital Transportation

Mr. Dave Cavossa, President, Commercial Space Federation (CSF)

- **STATE OF THE ART - TRANSONIC**

14:40-15:00 Industry, Markets and Economics- Existing high speed commercial aircraft. Aero derivatives-Realities and conditions precedent for faster vehicles integration into subsonic ecosystems

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

- **STATE OF THE ART – SUPERSONIC**

15:00-15:45 AIAA High Speed Flight Task Force deliverables/Supersonic Aircraft Technology and Industry State of the Art-Integration into subsonic ecosystems

Mr. Todd Magee, Principal Aerodynamics Engineer, Boeing Research & Technology, AIAA High Speed Task Force, Co-Chair

15:45-16:00 Coffee Break

- **STATE OF THE ART – HYPERSONIC**

16:00-17:00 Hypersonic Flight: How did we get here and how do we get where we want to go?

Dr. Kevin Bowcutt, Senior Technical Fellow & Chief Scientist of Hypersonics, Boeing Research & Technology

✈ **STATE OF THE ART – SUBORBITAL**

17:00-17:30 Suborbital P2P Transportation- Roadmap for spaceplanes-from Single stage to orbit to P2P

Mr. Jeff Feige, Chief Revenue Officer, Radian Aerospace

17:30-18:00 Dual Use- Suborbital P2P Vistas for Humanitarian-Logistics US Space Force and Civil Spacecraft Reserve Fleet (CSRF)

Brig. Gen. (Ret) Damon Feltman - COO, Space Force Association

18:30-20:30 HSAT Workshop Welcome Mixer

Join us for drinks and heavy hors d'oeuvres as we welcome you to the 2025 HSAT Workshop

- A shuttle will leave from the **UTPB College of Engineering** at **18:15** to the **Planetarium** and will go from the Planetarium to the **Hilton Garden Inn Midland Hotel**, after the event

Blakemore Planetarium
1800 W. Indiana Avenue
Midland, TX 79701

Hilton Garden Inn Midland
1301 N Loop 250 W
Midland, TX 79706

Please, contact Yvette Garcia (yvettegarcia@interflightglobal.com/305-904-5182) or Soraye Palmer (spalmer@midlandtxedc.com/432-301-1934) for further details.

Day 2 - Thursday, November 13th, 2025

7:45 Light breakfast/coffee and registration

✈ **HIGH SPEED FLIGHT FRAMEWORKS (PRO-SST & Finance)**

8:00-9:00 High Speed Flight main frameworks and areas of Policy and Regulations, Operations, Standards, Safety, Technology and Financing (PRO-SST), Barriers and Challenges, Opportunities and Markets/ Aeroderivative technologies and adjacencies.

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

✈ **DESIGN, SCIENCE AND TECHNOLOGY - SUBORBITAL**

9:00-9:30 Suborbital Long Range P2P Air Towed Launch Vehicle Concept - Focus US-UK/US Australia

Mr. Martin McLaughlin, Founder & CEO, McLaughlin Aerospace

✈ **DESIGN, SCIENCE AND TECHNOLOGY – HYPERSONICS**

9:30-10:45 Hypersonic-Commercial Hypersonics Alternatives- CONOPS comparisons-Historical Lessons Learned-Focus VTOL technologies roadmaps and technologies

Mr. Jess Sponable, President and CTO, New Frontier Aerospace

10:45 Coffee Break

✈ **AIRSPACE/INFRASTRUCTURE-SUBORBITAL**

11:00-11:30 Airspace S2S International - White Paper from GSA P2P WG Release of White Paper International Version

Mr. Bill Lash, Airspace Integration Engineer, Airspace Innovations, LLC

11:30-12:00 Spaceport Licensing, Infrastructure, Architecture, Design and Engineering-Point to Point Future Considerations

Mr. Andrew Nelson, Vice President, RS&H

12:00-12:15 Spaceport to Spaceport-Intercontinental Connectivity -Launch and Reentry

Mr. Stuart Nutting, Regional Director, South Australia Department of State Development, Australian Trade and Investment Commission (Austrade)

12:30-13:30 Lunch - UTPB CEED Building

✈ **FINANCE SESSION INTRODUCTION**

13:45-14:00 High Speed Flight Industry-Capitalization, Funding, Financing and Profiting - Action Planning

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project
&
Mr. Jon Kirchner, President and CEO, Perfero Advisory Group

✈ **MARKETS AND ECONOMICS**

14:00-14:30 Development Bonds-Airports and Spaceports and elated Infrastructure

Ms. Sara Mitran, CEO and Founder, NatheMC

14:30-15:00 Raising funds through Private Placing Memorandums- Fulcrum to IPO

Mr. John Quinn, CEO, Exos Aerospace

✈ **FUNDING AND CAPITAL NEEDS**

15:00-15:45 Raising $100B+ by 2030-Actions to financially enable the High Speed Flight industry /Air and Space

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

15:45 Coffee Break

✈ **FUNDING ANGELS/HNI/PE**

16:00-16:15 Funding the early-stage High Speed Flight industry-from Seed to IPO's-Novel approaches Reg C/A to NYSE/NASDAQ IPO's

Mr. Justus Parmar, Founder & CEO, Fortuna Investments

16:15-16:30 Messaging and leading the capital formation and funding from Angels and High Net Worth Individuals-Lessons Learned

Mr. Rick Tumlinson, Author, Speaker, Space Policy Expert, Consultant, Activist and Ethicist, Earthlight Foundation

✈ **FUNDING VC-INSTITUTIONAL**

16:30-17:30 Macro scale Public Private Partnerships-Strategic Funding-Lessons Learned from the aviation, advanced air mobility and other aerospace industries

Mr. Michael Dyment, Managing Partner, NEXA Capital Partners

✈ **FUNDING STRATEGY AND WAY FORWARD**

17:30-18:00 Sustaining the High Speed Flight industry financing- Innovative plans and actions after the Workshop 2026-2030

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

18:30-21:30 Cocktail – followed by Dinner Reception, Wagner Noël Performing Arts Center, Rea-Greathouse Recital Hall

✈ **KEYNOTE SPEECHES AND PRESENTATIONS**

19:45-20:15 – Keynotes

Support for the high speed flight industry- ground, airspace, incentives and financing

Mr. P. Lourcey Sams, Chairman, Board of Directors, Midland Development Corporation (MDC)

Support from the first, one and only City with a co-located airline airport and spaceport

Ms. Lori Blong, Mayor of Midland, or designee

AIAA Vistas for the High Speed Flight Industry 2050 and Beyond

Mr. Jim Sherman, Senior Director, Aeronautics, AIAA

CSF Vistas for Suborbital P2P spaceflight 2025-2050

Mr. Dave Cavossa, President, Commercial Space Federation (CSF)

High Speed Flight Industry Capitalization- From Seed Capital to IPO's

Mr. Justus Parmar, Founder & CEO, Fortuna Investments

Day 3 - Friday, November 14th, 2025

7:45-8:00 Light Breakfast/Coffee

✈ **INTRODUCTIONS AND ACTION PLANS 2025-2050+**

8:00-8:15 Incentivizing the High Speed Flight Industry- Aerospace economic diversification focus

Mr. P. Lourcey Sams, Chairman, Board of Directors, Midland Development Corporation (MDC) & Ms. Sara Harris, Executive Director, Midland Development Corporation (MDC)

8:15-8:30 Leading and Managing the World's first and only collocated airline airport and spaceport

Ms. Justine Ruff, Director, Midland Air and Spaceport

8:30-8:45 Technology diversification into Aerospace-Spaceflight and Transportation- Academia and Business Incubators perspective

Dr. Brian Shedd, Executive Director, Office of Innovation & Commercialization UTPB

8:45-9:15 High Speed Airports and Spaceports - Integration and Development-GS P2P White Papers and future vistas

Dr. George Nield, HSAT Co-Chair and Chairman, Global Spaceport Alliance (GSA)

9:15-9:45 The need and state of the art of industry consensus standards for suborbital spaceflight commercial P2P safety and scale

Mr. Andrew Nelson, Vice President, RS&H, ASTM F 47 Commercial Spaceflight Committee (Chair)

✈ **AIAA HIGH SPEED FLIGHT - STRATEGIC VISTAS**

9:45-10:10 AIAA HSF Task Force Report-Insights and Next Steps-Supersonic and Hypersonic

Mr. Jim Sherman, Senior Director, Aeronautics, AIAA

10:10-10:30 Suborbital spaceflight - Vistas and Next Steps - Industry-Regulator vis a vis

Mr. Kelvin Coleman, Founder & Principal, Baines Advisory Group

✈ **ACTIONS 2025-2026 - TRANSONIC/SUPERSONIC**

10:30-10:45 Final Transonics/Supersonic Workshop Conclusions, Recommendations and Actions

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

10:45-11:00 Coffee Break

✈ **ACTIONS 2025-2026 - HYPERSONICS**

11:00-11:30 Final Hypersonics Workshop Conclusions, Recommendations and Actions

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

&
Mr. Jess Sponable, President and CTO, New Frontier Aerospace

✈ **ACTIONS 2025-2026 - SUBORBITAL**

11:30-12:00 Final Suborbital Workshop Conclusions, Recommendations and Actions

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project
&
Dr. George Nield, HSAT Co-Chair and Chairman, Global Spaceport Alliance (GSA)

✈ **ACTIONS HSF INDUSTRY-2026 PLANNING**

12:00-13:00 Putting it all together-Final Workshop Conclusions, Recommendations and Actions for 2026

Mr. Oscar S. Garcia, Chairman & CEO, InterFlight Global Corporation (IFG) and High Speed Flight/Fast Forward Project

13:00 Boxed Lunch

14:00-17:00 (Optional/On Request) One-on-One Familiarization Visits to the Midland Air and Spaceport Business Park's facilities, Midland Altitude Chambers Complex (MACC), UTPB Campus visit and more, tailored to each visitors' objectives and goals.

SAVE THE DATE: 9TH ANNUAL HSAT WORKSHOP - NOVEMBER 11TH - 13TH, 2026

Be an active lead to the future of High Speed Flight!
Please contribute with your valuable insights, by completing the AIAA High Speed Flight (HSF) Task Force Surveys below

These Surveys are voluntary and should take between 10-20 minutes each. All information will be used by the AIAA and the HSF Task Force in an anonymous manner.

HIGH SPEED FLIGHT WORKFORCE SURVEY

This AIAA survey characterizes the landscape, roadblocks, and potential opportunities in the realm of Mach 1+ High Speed Flight. Focus areas include education and outreach. The survey outcomes will yield quantitative workforce landscape data, specifically for those undergraduate and graduate joining the workforce.

HIGH SPEED FLIGHT INDUSTRY SURVEY

The AIAA's HSF Task Force relies on this industry survey to quantitatively identify thoughts, insights and comments of interest to advance the HSF industry at all speed regimes above Mach 1+. The survey allows for both, multiple choice answers as well as open next and narratives to advance the HSF industry critical dimensions including design, engineering, research, policies, regulations, operations, standards, safety, education, outreach, etc.