



COMSTAC Virtual Agenda/Timeline

MORNING SESSION STARTING @ 10 AM

Monday, May 15, 2023; from 10:00am – 4:00pm EDT

Live Streamed and taking questions on YouTube:

Morning link, <https://youtu.be/CAmwyiNasCc>

- 10:00 – 10:04: Welcome remarks by DFO, James Hatt
- 10:05 – 10:14: COMSTAC Chair Opening Remarks and Introductions
- 10:14 – 10:16: COMSTAC Chair Introduction of FAA Administrator
- 10:16 – 10:21: FAA Administrator Remarks
- 10:21 – 10:22: COMSTAC Chair Introduces FAA Associate Administrator
Kelvin Coleman (AST-1)
- 10:22 – 10:29: **Remarks**
Kelvin Coleman, Associate Administrator - Commercial Space Transportation
- 10:30: Policy Updates**
- 10:30 – 10:40: **Licensing Updates**
Dan Murray, Executive Director, Office of Operational Safety, Commercial Space Transportation
- 10:40 – 10:50: **National Airspace Integration**
Duane Freer, Manager, ATO Space Operations.
- 10:50 – 11:00: **Lox/Methane Testing**
Brian Rushforth, Manager, Innovation Division, Commercial Space Transportation (with support from NASA and DoD)
- 11:00 – 11:05: **Introduction to CSWG**
Dr. Paul Wilde, Office of Operational Safety, Commercial Space Transportation
- 11:05 – 11:10: **Update on SpARC 440 and 460**
Sabrina Jawed, Manager, Space Regulations and Standards Branch, Commercial Space Transportation
- 11:10 – 11:20: **IWG on National Spaceport Strategy**
Pam Underwood, Director, Office of Spaceports, Commercial Space Transportation



11:20 – 11:21: Transition to Invited Speakers

11:21 – 11:35: ASTM F47 SDO Update

Michael Lopez-Alegria, Chief Astronaut, Axiom Space

11:35 – 11:50: RAND Corporation Briefing on the Independent Assessment Report to Congress

Benjamin M. Miller, Economist, RAND Corporation

11:50 – 12:25: Break

AFTERNOON SESSION STARTING @ 12:30 PM

Live Streamed and taking questions on YouTube:

Afternoon link, <https://youtu.be/9aTnMo03PZU>

COMSTAC Discussion and Deliberation

12:30 – 12:45: NSSL Phase 3, Range of the Future Plans, And Range Updates

Major General Stephen Purdy, (Program Executive Officer (PEO) Assured Access to Space (AATS); Director of Launch and Range Operations Space Systems Command (SSC/S3); Commander, Space Launch Delta 45 (SLD 45); Director, Eastern Range

12:45 – 3:45: Discussion and Vote on COMSTAC Observations and Recommendations

1. Given the FAA's Report on Human Space Flight Safety Framework and the RAND report on Assessing the Readiness for Human Commercial Spaceflight Safety Regulations, what recommendations and advice does COMSTAC have on the FAA's report? What recommendations does COMSTAC have for the activities most appropriate for an initial safety framework?
2. How can the FAA partner with industry to increase and encourage greater diversity and participation in STEM education supporting the growing need in the commercial space workforce? Provide a white paper or other report with recommendations, findings, and/or observations.
3. Industry Consensus Standards – Provide recommendations on how the FAA can measure the implementation of voluntary consensus standards developed within Standards Development Organizations in the U.S. commercial space industry. What additional recommendations can COMSTAC provide to the FAA to encourage the development of industry consensus standards as a means of compliance for performance-based safety requirements?



4. How can the current approach to flight authorization and the decision process to adjudicate access to government-provided range services be modified to better facilitate launch operations & launch range operations? How does this impact the transition to spaceports? Please provide information and perspectives on ongoing materials and resource related issues that are negatively impacting launch operators/launch operations, launch range operations and the transition to spaceports. Are these issues also negatively impacting timely launch operations, reentry licensing, and economic development? If so, please discuss the impacts and implications. What specific recommendations can the working group provide the FAA to address concerns and mitigate risks associated with the current oversight approaches, and the issues the team identified?

5. Identify any requirements in 14 CFR part 450 that COMSTAC believes require additional clarification by the FAA or a regulation change. If regulation changes are recommended, provide recommendations on how the FAA should prioritize a part 450 rulemaking in comparison to rulemakings?

3:45 – 3:50: **Public Comment Period**

3:50 – 3:55: Closing Remarks by DFO

3:55 – 4:00: Closing Remarks by COMSTAC Chair and Vice-Chair

4:00: Adjournment by DFO James Hatt

Next COMSTAC meeting is scheduled for November 7 and 8, 2023, in person. Location TBD.