

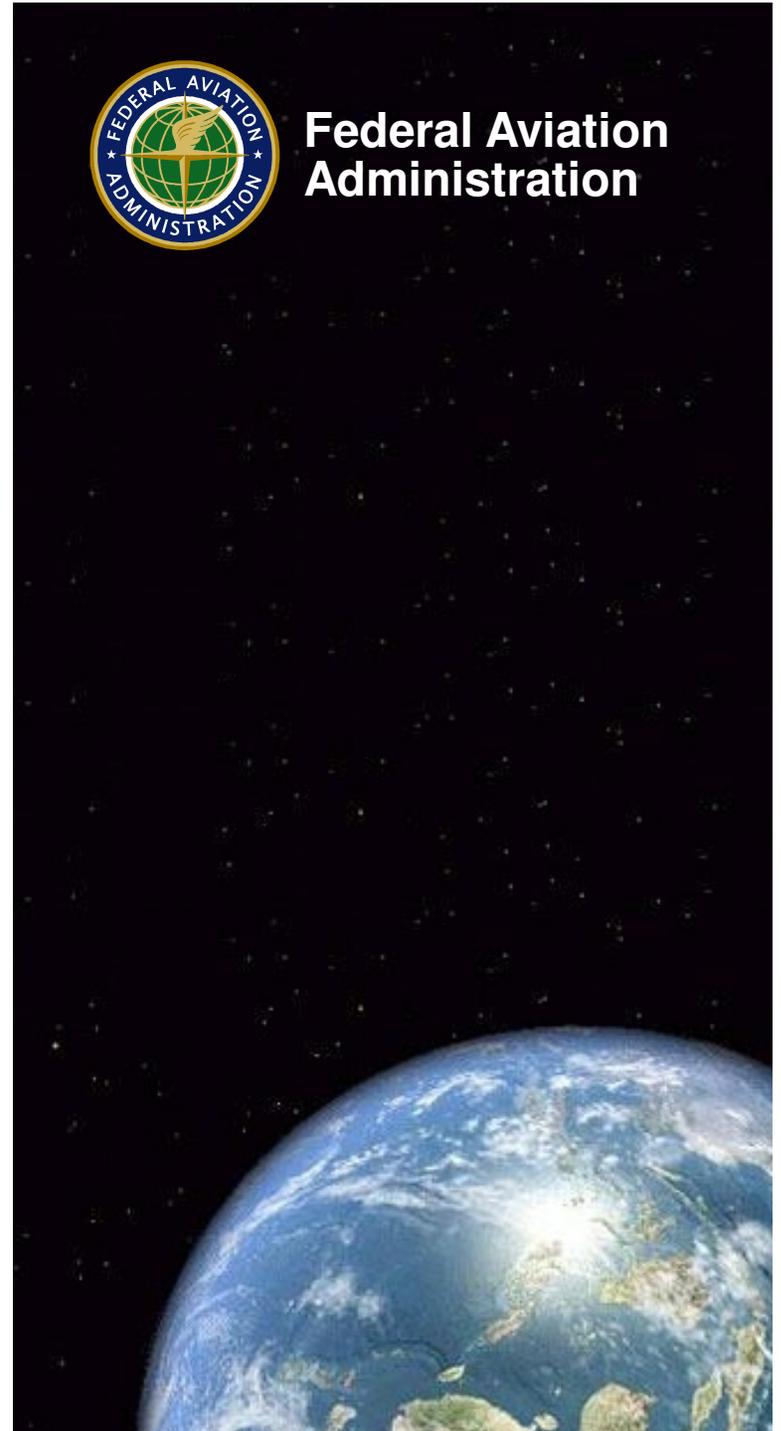
International Update From the FAA Office of Commercial Space Transportation

Commercial Space Transportation
Advisory Committee (COMSTAC)
International Space Policy Working Group

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**Federal Aviation
Administration**



United Kingdom non-binding agreement

- The FAA signed a non-binding Memorandum of Cooperation (MOC) with the UK Department for Transport, Civil Aviation Authority, and UK Space Agency at the Farnborough International Airshow on July 15, 2014
- Text of the MOC available at:
http://www.faa.gov/about/office_org/headquarters_offices/ast/programs/international_affairs/
 - Also at: <https://www.gov.uk/government/publications/commercial-spaceplane-operations-memorandum-of-cooperation>
- The parties agreed to exchange information about law, regulations, policies and programs and cooperate in the development of UK safety regulations for commercial space transportation.
- A UK delegation visited FAA Headquarters and Mojave during the week of September 8.
- Reports on the UK spaceplane review are available at:
<https://www.gov.uk/government/publications/commercial-spaceplane-certification-and-operations-uk-government-review> (80 page Summary and 321 page Technical Report)
- FAA/AST exchanged similar non-binding Letters of Intent with Spain (2012) and Curacao (2012-2013) and signed a similar MOC with Italy in March 2014.



IAC in Toronto

- FAA will present papers at the International Astronautical Congress in Toronto (September 29-October 3) on:
 - “Recommended Practices for Human Space Flight Occupant Safety”
 - “FAA Public Risks and Insurance Requirements for Orion’s First Entry Flight Test”
 - “Automatic Dependent Surveillance Broadcast (ADS-B) Flight Test Experiments on Commercial Space Transportation Vehicles”
 - “Assessment of the Likelihood of the US Human Orbital Markets Emergence”
- AST staff will also chair technical committee meetings of the Commercial Spaceflight Safety Committee (Sept 28) and the Entrepreneurial and Investment Committee (Sept 30) as part of the International Astronautical Federation (one of the three sponsors of the IAC).

COMSTAC Reps for UN COPUOS

- The State Department approved Mike Gold and Mark Sundahl as private sector advisors for US delegations to the United Nations Committee on the Peaceful Uses of Outer Space (UN COPUOS) and its subcommittees.
 - The COPUOS Scientific and Technical Subcommittee typically meets in February.
 - The COPUOS Legal Subcommittee typically meets in March or April.
 - The full COPUOS typically meets in June.
- For more information, see:
<http://www.oosa.unvienna.org/oosa/en/meetings.html>

UN COPUOS Long Term Sustainability of Space

- The most recent UN COPUOS report (about June 2014 meeting) is at:
http://www.unoosa.org/pdf/gadocs/A_69_20AEVE.pdf
 - Discussion of the working group on Long-Term Sustainability of Space Activities is on pages 24-28. Paragraph 199 lays out a revised workplan that call for the 77 COPUOS member States "to attempt, in all earnest, to finalize the work and have the draft guidelines ready for approval by the Committee, and for referral to the General Assembly for adoption, in 2016."
- LTSSA chair, Peter Martinez, plans to release a revised draft of consolidated guidelines this Fall from all the Expert Working Groups.
 - Once this is published, the State Department will circulate to U.S. agencies and private sector experts for comment.

International Civil Aviation Organization (ICAO)

- ICAO is creating an international “Learning Group” on commercial suborbital space transportation
- *ICAO provided the following information to FAA:*
- What is ICAO Doing About Commercial Space Transport
- Why ICAO?
 - Safety of the airspace is part of ICAO’s mandate
 - Lessons learned from aviation
 - Commercial space will be a catalyst to aviation evolution
- Near Term (2015) Expectations and Learning Group activity:
 - Collect and share the best practices required to support the expected/realistic developments in the next 5 years
 - Develop the “Commercial Space” thread within ICAO Global Air Navigation Plan

ICAO- continued

- What ICAO is not doing:
 - Writing policies and standards on Commercial Space
 - Taking-over any work that is ongoing
 - ICAO wants to share best practices, not critique them
 - Discuss any non-technical issues (e.g. where does space begin).
- U.S. industry associations can participate as observers in the Learning Group:
 - Contact Mr. Yuri Fattah, ICAO, Air Navigation Bureau
YFattah@icao.int tele (514) 891-9675