



International Update

COMSTAC
DOT Headquarters

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IAC 2018 Presentation

AST presentation at the International Astronautical Congress in Bremen October 3, 2018
Paper on “FAA Licensing and the NASA Commercial Crew Program”

Available at https://www.faa.gov/about/office_org/headquarters_offices/ast/programs/international_affairs/



International Partnerships

- FAA is promoting its commercial space transportation regulations for adoption by other countries—goals are to:
 - 1) *Assist U.S. industry activity outside the United States;*
 - 2) *Provide international leadership;*
 - 3) *Establish and sustain international relationships; and*
 - 4) *Prepare for future interoperability between countries*
- FAA has signed non-binding commercial space Memorandums of Cooperation with:
 - Italy, United Kingdom, France, United Arab Emirates, and New Zealand
 - Exchanged letters with Spain and Curacao
 - Potential for future agreements with Canada, Australia, Norway, others

Regulatory Workshops

	Regulatory Workshops by FAA/AST
2009	France and Japan
2011	European Aviation Safety Agency
2013	Curacao and United Kingdom
2014	Italy and Curacao
2015	Japan, Italy, and two for United Kingdom
2016	New Zealand, United Arab Emirates, and France
2017	United Kingdom
2018	United Kingdom

International Frameworks

- Countries developing new national frameworks and/or legislation for commercial space transportation:
 - UK, New Zealand, Japan, UAE, Italy, Spain, Curacao, France, Australia, Sweden, and Norway
- Reasons for cooperating with FAA:
 - Privatizing domestic ELV operations
 - New domestic RLVs, ELVs in development
 - Interest in building spaceports
 - Developing law, safety frameworks to attract U.S. and international vehicles, investment
 - Implementation of national legislation
 - Dual-licensing and/or oversight of activity not licensed by FAA (such as ground safety)
 - Learn from US experience

ICAO and Space

- Renewed interest by the International Civil Aviation Organization (ICAO) in commercial space transportation
 - Some view space as within ICAO authority
 - Future task for COMSTAC feedback

Contact

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Regulations for Commercial Space Transportation
http://www.faa.gov/about/office_org/headquarters_offices/ast/regulations/

Annual Compendium of Commercial Space Transportation:
https://www.faa.gov/about/office_org/headquarters_offices/ast/new_publications/

FAA/AST international website
http://www.faa.gov/about/office_org/headquarters_offices/ast/programs/international_affairs/



SpaceX Falcon 9 launch of Iridium and GRACE FO from Vandenberg AFB, California, May 22, 2018.