

Office of Commercial Space Transportation

Overview of *Informing Crew
and Space Flight Participants
of Risk (DRAFT Document)*

Presented to:
COMSTAC Business and Legal Working Group

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**Federal Aviation
Administration**



Purpose

- AST would like to leverage COMSTAC's insight and have them review the latest AST document *Informing Crew and Space Flight Participants of Risk*
 - Draft document released on 4/4/16
 - Similar to COMSTAC's review of the FAA Recommended Practices For Human Spaceflight Occupant Safety,



Background

- AST started receiving questions from industry and NASA about the application of the informed consent regulations as crew, government astronaut and space flight participant on commercial missions took place or neared
 - Acceptable documentation, timeframe, compensation, liability, etc.
- To help answer the questions and develop an FAA position, the FAA performed a comprehensive review of informed consent requirements in:
 - 51 U.S.C § 50905
 - Title 14 of the Code of Federal Regulations § 460.9 and § 460.45
 - Regulation preamble
 - FAA legal interpretations



Background

- The intricacies of the regulations led the FAA team to develop a guidance document
 - Helps explain the regulations and aid in compliance
 - Provides transparency into the FAA's evaluation of the regulations
 - Identifies an effort the FAA will undertake to track the human space flight record
- AST will use this document to inform operators, applicants, and prospective applicants on how to comply with the commercial space informed consent laws and regulations



Document Overview

- Documents the applicability of the regulations to operators
- Explains or clarifies the regulations and documents the rationale behind them (based on statute, preamble and legal interpretations)
 - Follows the format of regulation, requirement discussion, and rationale
- Informs industry of FAA reporting requirements as required by Statute
- Documents ground rules and assumptions to follow when developing acceptable human spaceflight and vehicle safety records
- Provides an informed consent documentation template for the crew and space flight participant



How Should COMSTAC Provide Comments?

- Provide comments to the FAA:
 - E-mail comments to: mike.machula@faa.gov
 - Cc: pam.underwood@faa.gov
 - Cc: chris.kunstadter@xlcatlin.com
- We would appreciate COMSTAC's comments by 5/31/16
- Comments will be considered for possible inclusion in the final version of the document
 - Released possibly around September 2016 depending on comments and internal review



QUESTIONS?

