CREW TRAINING PROCESS

COMPONENT

TRAINING SERVICE

Additional Information

1) The scope of the safety approval will be limited by the scope of the demonstration contained in the application.
2) A safety approval is not an authorization to conduct a launch or reentry, or to operate a launch or reentry site.
3) FAA's determination of eligibility is based on acceptance of identified standards.
4) Safety Approvals will not be issued for items that do not perform a safety function in conducting a licensed launch or reentry.
5) The Safety Approval Regulation can be found at the following location: http://ast.faa.gov >>Regulations>>Part 414 -- Safety Approvals.

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Commercial Space Transportation
FAA Headquarters, AST 300,
Systems Engineering and Training
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Washington, DC 20591

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FAA
Commercial Space Transportation

Safety Approval Elements & Standards

AST

SAFETY APPROVAL: ELEMENTS & STANDARDS

SAFETY APPROVALS

Purpose

A safety approval enables launch and reentry vehicle operators to use an approved safety element within the scope specified in the safety approval without the FAA re-examining the element in a license or experimental permit application.

Eligibility

You may be eligible for a safety approval if you are a manufacturer or designer of a launch or reentry vehicle or component thereof; the designer or developer of a safety system or process; or personnel who perform safety critical functions in conducting a licensed or permitted launch or reentry.

SAFETY APPROVAL ELEMENTS

The FAA may issue a safety approval for the following safety elements.

- Launch Vehicle
- Reentry Vehicle
- Safety Systems
- Process
- Service

Or any identified component thereof

- Qualified and Trained Personnel, performing a process or function related to licensed or permitted launch activities or vehicles

SAFETY APPROVAL STANDARDS

The FAA will rely on the following sources of standards and practices in determining whether to proceed with the evaluations necessary for a particular safety approval.

- FAA or other appropriate Federal regulations
- Government-developed or adopted standards
- Industry consensus performance-based criteria or standard
- Applicant developed criteria

SAFETY APPROVAL FEATURES

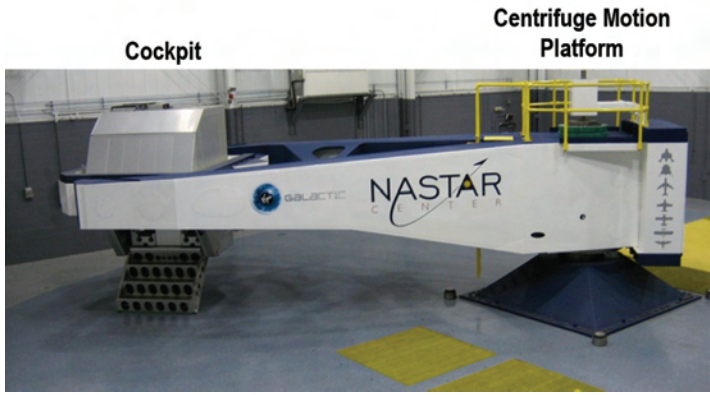
- Voluntary
- Renewable
- Transferable
- Modifiable
- 5-Year Term

EXAMPLE OF POTENTIAL SAFETY APPROVALS

RANGE SAFETY TELEMETRY SYSTEM (Either Design or Operation)

Honeywell International, Inc.

SPACE TRAINING SYSTEM



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