DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Office of Commercial Space Transportation: Millennium Engineering and Integration Company

Safety Approval Performance Criteria

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice.

SUMMARY: This is notification of criteria used to evaluate the Millennium Engineering and Integration Company (MEI) safety approval application. This Notice publishes the criteria that the FAA used to evaluate the safety approval application pursuant to FAA regulations.

Background: MEI applied for, and received, a safety approval for its ability to provide its Flight Analyst Workstation (FAWS) as a component of the process to build flight rules, generate the Mission Data Load (MDL), and verify the MDL prior to loading it onto a launch vehicle’s autonomous flight safety unit (AFSU).

The FAA issued MEI the safety approval, subject to the provisions of Title 51 U.S.C. Subtitle V, ch. 509, and the orders, rules and regulations issued under it. This Notice is published pursuant to Title 14 Code of Federal Regulations (14 CFR 414.35). MEI may offer FAWS as a component of the process of generating and verifying MDLs for AFSSUs to a prospective launch or reentry operator to meet the applicable requirements of 14 CFR 417.125(b), (d), and (e), and §417.309(b).

Criteria Used To Evaluate Safety Approval Application: The performance criteria used to evaluate the FAWS as a component of the process of generating and verifying MDLs for AFSSUs included the following FAA regulations, NASA standard, U.S. Air Force manuals or instructions, industry standard, and MEI-developed standards:


CMMI–Dev (ML3) Capability Maturity Model Integration.


FOR FURTHER INFORMATION CONTACT: For questions about the performance criteria, you may contact Randal Maday, Licensing and Evaluation Division (AST–200), FAA Office of Commercial Space Transportation (AST), 800 Independence Avenue SW, Room 331, Washington, DC 20591, telephone (202) 267–8652; Email randal.maday@faa.gov.

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George C. Nield,
Associate Administrator for Commercial Space Transportation.

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