



Federal Aviation Administration

Memorandum

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To: All Directorates
Managers, Aircraft Certification Offices

From: David W. Hempe, Manager, Aircraft Engineer Division, AIR-100

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Memo No: AIR100-12-120-105

Subject: Policy Statement on SAE Aerospace Information Report 6448, *Gaining Approval for Seats with Integrated Electronics in Accordance with AC21-49 Option 7b*

D. Hempe

This Memorandum communicates the FAA's expectations for the use of SAE Aerospace Information Report (AIR) 6448, *Gaining Approval for Seats with Integrated Electronics in Accordance with AC21-49 Option 7b*, dated June 2011, as a supporting document to the method described in paragraph 7.b of Advisory Circular (AC) 21-49, *Gaining Approval of Seats with Integrated Electronic Components*.

AC 21-49 provides guidance on three methods that will achieve compliance to 14 CFR, Part 21 for manufacturers seeking to incorporate electronic components into aircraft seating systems. One of the methods described in AC 21-49, paragraph 7.b, is "Type certification using a TSO-approved seat with electronic components defined in TSO design".

AIR6448 sets forth a framework for establishing a multi-party agreement to support the approval of electronic components integrated into aircraft seats when following AC 21-49, paragraph 7.b. Although the FAA does not dictate business agreements, the FAA believes AIR6448 provides a good example of how organizations may establish an acceptable multi-party agreement. The guidance in AIR6448 is not a requirement to meet AC 21-49 and use of the guidance in AIR 6448 does not ensure compliance to all applicable FAA requirements; however, applicants may successfully use the guidance in

AIR 6448 as a framework to define a multiparty agreement that supports compliance to all applicable FAA requirements.

Following AIR6448 does not in anyway supersede meeting the TSO requirements, airworthiness requirements, or any other FAA requirements. Furthermore, AIR6448 does not supersede or take the place of any FAA policy or guidance. For some specific projects, use of AIR6448 may lead to a non-compliant solution; therefore, modifications to the example framework in AIR6448 may be required depending on the specific project in order to meet FAA requirements.

Any questions regarding this memo should be directed to Robert Bouza, AIR-120, 202-385-6683.