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APPENDIX: 4

BULLETIN TYPE: Flight Standards Information Bulletin
(FSIB) for Airworthiness (FSAW)

BULLETIN NUMBER: FSAW 97-09 (Extended)

BULLETIN TITLE: Global Positioning Systems (GPS)
Localizer Lockout/Override Function

EFFECTIVE DATE: 03-13-97

1. PURPOSE. This bulletin provides guidance to Federal Aviation Administration (FAA) inspectors concerning the Global Positioning Systems (GPS) Localizer Lockout/Override Function.

2. BACKGROUND. Several concerns have been raised regarding installations that were previously approved with the lockout/override function. The use of the lockout/override function is acceptable and continues to be airworthy. However, no current policy exists, nor is any anticipated to be promulgated to mandate GPS localizer lockout or override functionality. If the implementation of this function was based on an existing supplemental type certificate (STC) approval, a deviation to the STC needs to be obtained to remove the requirement. The method of control and annunciation that is used must be clearly identified and all legends describing the navigation sources must be easily interpreted and readable under all conditions.

3. ACTION. If an FAA inspector has determined that a requested change to the existing STC can be accomplished through the field approval process, the following airworthiness considerations must be addressed. There should be an adequate lighted source selection annunciation(s) to inform the flightcrew of selected navigation source and if there is a need to revise the flight manual supplement it should be accomplished in accordance with FSAW 94-32A, Installation and Approval Procedures of Global Positioning System (GPS) Equipment Used for Supplemental Navigation for En Route, Terminal, and Non-Precision Approaches, or coordinated with an Aircraft Certification Office, if appropriate.

4. INQUIRIES. This bulletin was developed by the Flight Standards Airworthiness Systems and Air Agencies Branch, AFS-350. Any questions or comments regarding this bulletin should be directed to AFS-350 (202) 267-3812.

5. EXPIRATION DATE. This bulletin will expire on 05-31-01.

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