

**ORDER**

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

8600.3

1/18/91

PROCESSING FEDERAL AVIATION ADMINISTRATION (FAA) FORM 337, MAJOR  
REPAIR AND ALTERATION (AIRFRAME, POWERPLANT, PROPELLER, OR  
SUBJ: APPLIANCE)

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1. PURPOSE. This order establishes an identification process for FAA Form 337 in which major alterations for fuel tanks and system modifications will be identified from other major repairs and alterations.

2. DISTRIBUTION. This order is distributed to the branch level in the Flight Standards Service and in the Aviation Standards National Field Office; to the branch level in all regional Flight Standards Divisions; to all Flight Standards District Offices (FSDO); and to all International Aviation Field Offices.

3. BACKGROUND. At the request of the U.S. Customs Service, the FAA amended Federal Aviation Regulations Parts 43, 45, and 91 to require aircraft make, model, and serial numbers be marked on the fuselage exterior, to require 12-inch high registration marks when flying across the U.S. border in certain locations; AND TO REQUIRE THE CARRIAGE OF THE FAA FORM 337 IF EXTENDED RANGE FUEL TANKS HAVE BEEN ADDED TO THE PASSENGER CABIN OR TO A BAGGAGE COMPARTMENT.

4. PROCEDURES. The following procedure shall be used by all FAA FSDO's that process FAA Form 337.

a. Within 24 hours of receipt of an FAA Form 337 that describes a modification to an aircraft fuel system or shows additional tanks installed, the field inspector performs the following:

(1) Reviews the form to ensure that all airworthiness requirements are met.

(2) All applicable sections, signatures, dates are affixed; the office identifier is stamped in the place provided for in the upper right-hand corner; and sends the form first class mail to the FAA's Aircraft Registration Branch, AVN-450, P.O. Box 25082, Oklahoma City, Oklahoma 73125.

b. AVN-450 will record the information in a computer for use by law enforcement officials.

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Distribution: A-W(FS/VN)-3; A-X(FS)-3; A-FFS-7 (MAX);  
A-FIA-0 (STD); AAC-950 (80 copies)

Initiated By: AFS-340

5. INFORMATION CURRENCY. Any deficiencies found, clarifications needed, or improvements to be suggested regarding the content of this order should be forwarded to the originating office, Attention: Directives Management Officer, for consideration. Your assistance is welcome. FAA Form 1320-19, Directive Feedback Information, is located on the last page of this order for your convenience. If an interpretation is urgently needed, you may call the originating office for guidance, but you should also use the tearout sheet as a followup to verbal conversation.



David R. Harrington  
Acting Director, Flight Standards Service



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

### Directive Feedback Information

Please submit any written comments or recommendations for improving this directive, or suggest new items or subjects to be added to it. Also, if you find an error, please tell us about it.

Subject: Order \_\_\_\_\_

To: Directive Management Officer, \_\_\_\_\_

*(Please check all appropriate line items)*

- An error (procedural or typographical) has been noted in paragraph \_\_\_\_\_ on page \_\_\_\_\_.
- Recommend paragraph \_\_\_\_\_ on page \_\_\_\_\_ be changed as follows:  
*(attach separate sheet if necessary)*

- In a future change to this directive, please include coverage on the following subject  
*(briefly describe what you want added):*

Other comments:

I would like to discuss the above. Please contact me.

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

FTS Telephone Number: \_\_\_\_\_ Routing Symbol: \_\_\_\_\_

