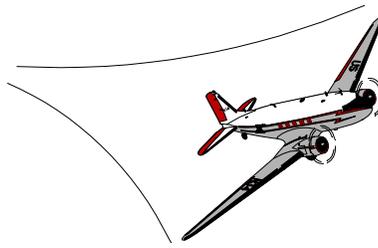


# SPECIAL AIRWORTHINESS INFORMATION BULLETIN



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

AIRCRAFT CERTIFICATION SERVICE  
800 INDEPENDENCE AVENUE, S.W.  
WASHINGTON, DC 20591

No. ACE-95-01  
May 3, 1995

Published by: FAA, AFS-613, P.O. Box 26460, Oklahoma City, OK 73125

This is issued for informational purposes only and any recommendation for corrective action is not mandatory.

## INTRODUCTION:

The purpose of this Special Airworthiness Information Bulletin is to advise operators of Fairchild Merlin/Metro SA226/SA227 model airplanes of the need to review the service bulletins listed on page 2.

## BACKGROUND:

A review of Fairchild Merlin/Metro SA226/SA227 Model Service Bulletins was conducted as part of the Aging Commuter Airplane program. Participation in the review included the certification branch of the Federal Aviation Administration (FAA), Fairchild Engineering and Customer Service representatives, a representative of the Regional Airlines Association, and several operators. The purpose of this review was to evaluate each age-related service bulletin and determine if any further FAA action was necessary to ensure the level of safety desired for commuter operations.

The options considered by the group included: mandated compliance by initiation of an FAA Airworthiness Directive, various forms of notices, or no further action required. The group reached a consensus with a recommended action for each service bulletin. The FAA and Fairchild further reviewed these recommendations and FAA determined that several of the service bulletins should be re-confirmed for compliance because they contributed to the higher level of safety expected for commuter operations.

## RECOMMENDATION:

It is recommended that all operators of Fairchild Metro SA226 or SA227 airplanes review compliance of the service bulletins listed on page 2. If compliance has not previously been accomplished, it is recommended that compliance be accomplished as soon as possible. For exact model and serial number effectivity, refer to the service bulletin.

NOTE: This is not an all inclusive list of service bulletins applicable to these airplanes.

<b>FAIRCHILD SB NO.</b>	<b>DATE</b>	<b>TITLE (Model Affected)</b>
226-28-005	4/11/79	Addition of Fuel Crossflow Switch Light on Instrument Panel (SA226 Series)
226-28-007	11/13/84	Installation of Fuel Cross Flow Switch Guard (SA226 Series)
226-32-021	6/8/79	Beef-up of Landing Gear Actuator Support (SA226 Series)

226-32-033	3/2/87 (R)	Landing Gear - Struts (SA226 Series)
226-32-050	12/5/91 (R)	Replace 27-51048/ 27K51037 Mount Assemblies (Downlock Spring Pulley) (SA226 Series)
227-32-018	12/5/91 (R)	Replace 27-51048/ 27K51037 Mount Assemblies (Downlock Spring Pulley) (SA227 Series)
226-53-004	9/27/77	Drain Holes (SA226 Series)
226-55-008	4/12/88	Modification of Elevator Balance Intercostal (SA226 Series)
227-55-004	4/12/88	Modification of Elevator Balance Intercostal (SA227 Series)
226-57-014	12/5/78	Wing/Fuselage Fairing Stiffener Beef-up Note: SRM Item 57-90-30 provides more thorough instructions for this modification (SA226 Series)
226-71-009	2/13/81 (R)	Supplementary Inspection of Lower Engine Mount Truss (SA226 Series)

**FOR FURTHER INFORMATION CONTACT:**

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