

Metro SA227DC Chafing Wiring Looms

AWB 24-004 **Issue :** 1
Date : 15 June 2007

1. Applicability

This AWB is applicable to all Fairchild Metro SA227DC series aircraft.

2. Purpose

The purpose of this AWB is to bring to the attention of operators and maintainers of Metro SA 227DC aircraft, of the potential of short circuits in the wiring looms routed through the wings.

3. Background

A number of reports have been made indicating that the wiring looms routed through the wing of certain Fairchild Metro SA227DC aircraft are showing signs of chafing.

4. Recommendation

It is recommended that:

All Registered Operators of Fairchild Metro SA227DC aircraft:

- Inspect the wing wiring looms for fraying, chafing and signs of shorts, as soon as possible, by:
 - Remove the following access panels:
605,606,607,608,617,618,621,622,631,632,633,634,635,
636,639,640,643,644,647,648,651,652,655,656,659,660,
663,664,667,668,671,672 and L/H & R/H bussing plug panels.
 - Inspect the wiring loom, particularly where it is routed through the nacelle.
- Replace all wiring looms showing signs of fraying, chafing or shorting.
- Reinspect at each periodic inspection.



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5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletins should be made via the direct link e-mail address:

AirworthinessBulletin@casa.gov.au

Or in writing, to:

Manufacturing, Certification and
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