

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

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ATA CHAPTER: 34

**NAVIGATION - WEATHER RADAR  
REMOVE THE CONNECTION BETWEEN THE WEATHER RADAR AND THE WEIGHT-ON-WHEELS  
(WOW) SWITCH**

**1. Planning Information**

**A. Effectivity**

PC-12/47E aircraft MSN 545 and MSN 1001 thru 1080.

This modification will be incorporated in aircraft MSN 1081 and subsequent.

**B. Concurrent Requirements**

None

**C. Reason**

**(1) Problem**

The availability of the weather radar (ART 2000) on the ground is necessary for maintenance and for pilots prior to take-off. The weather radar installation does not transmit on the ground as commanded by the 429 control bus.

**(2) Cause**

The problem occurs when the input from the Weight-On-Wheels (WOW) strut switch, on the weather radar, is grounded.

**(3) Solution**

Remove the connection between the weather radar strut-switch and the relay K162A.

**D. Description**

This Service Bulletin gives the data and instructions necessary to disconnect, cap and stow the wire T2013A22 from the relay K162A1.

**E. Compliance**

Recommended.

**F. Approval**

The technical content of this document is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**G. Manpower**

	<b>Total</b>
Preparation	0.5
Replacement	0.5
Close up	1.0
<b>TOTAL MAN-HOURS</b>	<b>2.0</b>

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM): 12-B-06-20-00-00A-040A-A, 12-B-25-21-04-00A-920A-A, 12-B-25-22-04-00A-920A-A, 12-B-34-41-00-00A-903A-A.

**L. Publications Affected**

AMM: 12-B-34-41-00-00A-040A-A, 12-B-34-41-00-00A-903A-A

Pilots Operating Handbook (POH), Section 2

Wiring Diagram Manual (WDM).

**M. Interchangeability of Parts**

Not Applicable.

**2. Material Information**

**A. Material - Price and Availability**

No modification kit is required for this Service Bulletin.

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