



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: NARCO AVIONICS INC. SERVICE BULLETIN (SB) ELT 910 NO. 2

To all Customers, Operators and Service Centers:

Date: Dec 15/08

This Service Letter is issued to draw attention to the following vendor information:

NARCO AVIONICS INC. SB ELT 910 NO. 2 - ELT-910 'G' SWITCH REPLACEMENT AND TESTING INTERVAL.

Narco Avionics Inc. have issued SB ELT 910 No. 2 to advise customers that 'G' switches installed in Emergency Locator Transmitter (ELT) 910 units for more than five years can deteriorate and momentarily stick. The SB provides maintenance recommendations dependant on the time-in-service of the 'G' switch.

The Narco Avionics ELT 910 was installed as standard on PC-12 aircraft MSNs 101 thru 400.

SB ELT 910 No. 2 gives full details of the maintenance required and the manufacturing dates of the ELT 910 units (based on the unit serial number).

Pilatus advises customers, operators and service centers to follow the recommendations given in SB ELT 910 No. 2 as failure of the 'G' switch can prevent operation of the ELT.

NOTE: The 121.5 MHz COSPAS SARSAT signal will be decommissioned on February 1st 2009. Pilatus advises that the Narco ELT 910 can be replaced by a Kannad 406 MHz ELT by accomplishment of Pilatus PC-12 Service Bulletin 25-028 (Ref. No. 180).

Operators requiring further information on this subject, please contact one of the addresses given below:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND.

General Aviation
Tel : + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (Pty.) LTD.,
17 James Schofield Drive,
Adelaide Airport SA 5950,
AUSTRALIA

Tel : +61 (08) 8234 4433
Fax: +61 (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

Attachments: **NARCO AVIONICS INC. SB ELT 910 NO. 2**

≡PILATUS≡
PC12
SERVICE LETTER

INTENTIONALLY BLANK



270 COMMERCE DR STE 200., FORT WASHINGTON PA 19034 (215)-643-2905 FAX (215)-643-0197

SERVICE BULLETIN

Service Bulletin No.	Product(s) Affected	Date
ELT 910 No. 2	ELT 910	August 06, 2008

TO: ALL NARCO SERVICE CENTERS

SUBJECT: ELT-910 “G” Switch Replacement and Testing Interval

The manufacturer of the G switch used in the Narco ELT-910 ELT has recommended that switches which have been in service for five years or longer be replaced, or a more frequent testing program be developed to insure proper function of the switch.

The G switch manufacturer has found that G switches, which have been in service for various periods of time, can deteriorate and momentarily stick. The sticking is caused by a powder-like residue which comes from a deterioration of the gold plating inside the barrel and on the ball of the G switch. This phenomenon is most often found in G switches which have been in aircraft that are subject to higher levels of shock and vibration and have been in service five years or longer.

Based upon these recommendations, the following procedures should be followed.

10 years or more of service : Replace the G switch.

7 to 9 years of service : Replace the G switch **OR** perform the G switch test (see page 2) every three (3) months.

5 to 7 years of service : Replace the G switch **OR** perform the G switch test (see page 2) every four (4) months.

(The manufacturing date of the ELT can be determined from the chart on page 2.)

If the G switch requires replacement the ELT must be returned to Narco for service.

(over)

<u>Serial Number</u>	<u>Manufacturing Date</u>
10000 - 14969	before September 1998
14970 - 15115	9/98 - 8/99
15116 - 15273	9/99 - 8/00
15274 - 15386	9/00 - 8/01
15387 - 15484	9/01 - 8/02
15485 - 15586	9/02 - 8/03
15587 - 15713	9/03 - 8/04
15714 - 15783	9/04 - 6/05
15784 - 15797	1/06 - 5/06

G Switch Test (extract from FAA A 8150.3): Activate the ELT using applied force. The direction for mounting and force activation is indicated on the ELT. The ELT 910 can be activated by using a rapid forward (throwing) motion coupled by a rapid reversing action. Manufacturers instructions should be referred to prior to activation. Verify that the ELT has been activated by use of a wattmeter, the airplanes' VHF radio communications receiver when tuned to 121.5 MHz, or other means. (This is not a measured check: it only indicates that the G-switch is working.)