



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: LITEF GMBH SERVICE INFORMATION LETTER (SIL) 142185-0000-840-017

To all Customers and Operators:

Date: Feb 14/08

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

LITEF GMBH SIL-142185-0000-840-017 - 'SCHEDULER FAIL' DURING START-UP OF THE LCR-93 ATTITUDE AND HEADING REFERENCE SYSTEM (AHRS).

There have been some cases of the LCR-93 AHRS failing to operate during normal start-up procedures. This has been found to be a problem with the start-up sequence in the software. The failure can only occur during system start-up and not when the system is operating, therefore flight safety is not affected.

If the problem occurs, operators are advised to switch the AHRS power off and on again. The AHRS should then start and operate correctly.

Pilatus advises operators to inform their maintenance staff and aircrew of the content of LITEF GMBH SIL-142185-0000-840-017 to prevent unnecessary maintenance or flight delays.

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
Government
Tel: + 41 41 619 6226
Fax: + 41 41 619 6170
eMail: snolan@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: **LITEF GMBH SIL-142185-0000-840-017**

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SERVICE LETTER

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System: LCR-93 AHRS

Part Number: all 142185-xxxxx,
With the exception of ...

- 142185-x112
- 142185-x115
- 142185-1121

SUBJECT: "Scheduler Fail" during Start-Up of the LCR-93 AHRS

TO: TC/STC Holders, OEMs, Customers, operators and maintenance personnel of above mentioned AHRS

1 Reason

This service information letter is issued to inform TC/STC holders, OEMs, customers, operators and maintenance personnel about a potential problem of the LCR-93 Attitude and Heading Reference System (AHRS), which might happen during the start up of the system.

2 Description

During regular start up procedures of the LCR-93 AHRS operation failed in some cases. According to the technical investigation this related to the start-up sequence within the software.

Such a failure is accidentally but can only occur during the start up of the system - not in operation. The effect of this behaviour is that the system will not start.

The Built-In-Test (BIT-) entry will contain a so called "Scheduler Fail".

Flight safety is not affected.

3 Work Around

If this problem occurs again, we recommend following procedure:

If the AHRS does not start, switch the AHRS power off and on again. The unit should now operate.

4 Effectivity

All LCR-93 systems with the part numbers defined above are affected.

ADDRESS

Please address all requests or correspondence with regards to this
Service Information Letter
to:

LITEF GmbH
Product Support
Commercial Avionics
Loerracher Str. 18
79115 FREIBURG
Germany
Tel: ++49 761 4901-291
Fax: ++49 761 4901-572
ahrs.support@litem.de

or to

LITEF Field Service in the United States
c/o MASCO Service Corp.
2260 North Ridge Road, Suite 240
Wichita, KS 67205
U.S.A.
Phone 316-263-6100
Fax 316-263-9490
ahrs.support@litem.de