

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 34-003

REF NO: 14

MODIFICATION NO: LITEF SB 14150-0000-840-003

ATA CHAPTER: 34

## MODIFICATION ON LITEF LCR-92 AHRS

### 1. Planning Information

#### A. Effectivity:

All PC-12 and PC-12/45 aircraft from MSN 101 thru 156 which do not have an AHRS unit (PIL. P/N: 985.99.11.842) {LITEF LCR-92 (124210-2011)} installed.

#### B. Concurrent Requirements

None.

#### C. Reason

Depending on the frequency of the induced electromagnetic field, exposure to a higher level than 20 V/m may result in erroneous angular rates and in misleading attitude and heading angles.

By embodiment of the modifications, as described in the Service Bulletin 14150-0000-840-003 of LITEF GmbH, the AHRS will be more resistant to induced electromagnetic fields.

The aircraft is not restricted to any special limitations and can continue operations in accordance with the AFM (POH).

#### D. Description

This Service Bulletin gives the data and instructions necessary to:

- (1) Gaining access to AHRS 1 (and AHRS 2 - if fitted).
- (2) Do the LITEF Service Bulletin 14150-0000-840-003.

Revision 1 changes the Effectivity and updates the Service Bulletin to the latest standard.

#### E. Compliance

Highly Recommended.

#### F. Approval

The technical content of this Service Bulletin 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**

Refer to LITEF Service Bulletin 14150-0000-840-003, Para. 1. F for special requirements.

	Total
Preparation	0.5
Removal/Installation of LCR-92	1.0
LITEF Service Bulletin	2.5
Aircraft Checks	1.0
Close up	0.5
<b>TOTAL MAN-HOURS</b>	<b>5.5</b>

**NOTE:** Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not affected.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM): 24-00-00, 25-24-02, 34-25-01, 34-25-00.

**L. Publications Affected**

Wiring Diagram Manual (WDM).

**M. Interchangeability of Parts**

Not applicable.

**2. Material Information**

**A. Material - Price and Availability**

Refer to LITEF Service Bulletin 14150-0000-840-003. Para. 1. G.

**B. Warranty**

Not applicable.

**C. Tooling - Cost and Availability**

Refer to LITEF Service Bulletin 14150-0000-840-003.