

Service Bulletin No: 46-003

Ref No: 256

Modification No: EC-09-0455

ATA Chapter: 46

**SYSTEMS INTEGRATION AND DISPLAY - DISPLAY AND CONTROL
INSTALLATION OF A CURSOR CONTROL DEVICE (CCD)****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545 and MSNs 1001 thru 1175.

MSN 1176 and subsequent will have this modification accomplished during production.

B. Concurrent Requirements

None.

C. Reason

This Service Bulletin installs the hardware and the wiring for a Cursor Control Device (CCD). It also includes a new Rear Center Console Panel (RCCP).

D. Description

This Service Bulletin gives the instructions and data necessary to:

- (1) Install the CC500 Control Unit.
- (2) Install the CCD.
- (3) Do the modification to the aircraft wiring.
- (4) Install the RCCP.

Revision No. 1 of this Service Bulletin adds screws and clips to the kit and to the CCD Installation instructions, corrects a contact part number in the instructions and hook-up charts and adds a wire to the post SB wiring diagram. No rework is required if this Service Bulletin has previously been accomplished on an aircraft.

Revision No. 2 of this Service Bulletin updates the Materials list and installs a new placard on the center console.

Operators who have already embodied this Service Bulletin at a previous issue must make sure that the placard P/N 511.32.12.515 is installed. The placard (PCL Operation) is installed on the rear center console lighting panel.

E. Compliance

Optional.

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.

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H. Manpower

	Total
Preparation	3.0
Modification	29.0
Close up	4.0
TOTAL MAN-HOURS	36.0

NOTE 1: Man-hour figures do not include the time required to cure sealants, paints and adhesives.

NOTE 2: If this Service Bulletin is accomplished during an annual inspection, the total man-hours will be reduced by approximately 6 man-hours.

I. Weight and Balance**(1) Weight Change**

0.76 Kg (1.676 lb.)

(2) Moment Change

2.686 KgM (19.43 ft lb)

J. Electrical Load Data

RCCP = 200ma Continuous.

CC500 = 280ma Continuous.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM), 12-B-20-31-00-00A-070A-A, 12-B-23-12-01-00A-920A-A, 12-B-24-30-07-00A-920A-A or 12-B-24-30-07-00A-920B-A, 12-B-25-10-03-00A-920A-A, 12-B-33-00-00-00A-903A-A, 12-B-34-57-01-00A-920A-A, 12-B-46-30-01-00A-920A-A, 12-B-46-30-03-00A-920A-A, 12-B-46-30-07-00A-903A-A

M. Publications Affected

Aircraft Maintenance Manual

Illustrated Parts Catalog (IPC)

Aircraft Wiring Manual (AWM)

Aircraft Flight Manual (AFM)

N. Interchangeability of Parts

Not applicable.

2. Material Information**A. Material - Price and Availability**

Pilatus advise that the standard lead times for the material needed in this Service Bulletin may be up to 4 months.

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,
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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.