



SERVICE INFORMATION LETTER

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SERVICE INFORMATION LETTER

LANDING GEAR CONTROL AND INTERFACE UNIT 6647 SERIES

(Used on A318, A319, A320 and A321 Aircraft)

SUBJECT: **AMENDMENT 8**

ATA CHAPTER: 32-31

AIRCRAFT TYPE: A318, A319, A320 and A321 Aircraft

APPLICABILITY: Landing Gear Control Interface Units (LGCIU) Pt. No. 664700500A4X.

REFERENCES: Component Maintenance Manual 32-31-39
Service Bulletin 6647-32-13 – Amendment 8
Service Bulletin 6647-32-14 – Amendment 9
Service Bulletin 6647-32-15 – Amendment 10

1. **PURPOSE**

This Service Information Letter (SIL) is applicable to all versions of the LGCIU Pt. No. 664700500A4X. This SIL provides preliminary information of Amendment 8 which replaces obsolescent components of the LGCIU. The SIL also provides details of the configuration necessary for Amendment 8.

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2. BACKGROUND

The Ultra Electronics Controls Obsolescence Management Program has identified components which have become obsolete. This has resulted in the development of Amendment 8 to ensure continuous availability of components for the production and Operator support of the LGCIU.

3. DESCRIPTION

Amendment 8 will involve replacement of obsolete components and will be authorised by Service Bulletin 6647-32-13. The modification will install boards with the following Part Numbers(PNRs):

- Microprocessor PCB Assembly: PNR: 001-LG-01-0800
- Output Board Assembly: PNR: 001-LG-01-0810
- Filter and Power Supply Assembly PNR: 001-LG-01-0830
- Power Supply Assembly PNR: 002-PM-02-0000

IF EITHER THE FILTER AND POWER SUPPLY ASSEMBLY PNR: 001-LG-01-0830 OR THE POWER SUPPLY ASSEMBLY PNR: 002-PM-02-0000 ARE INSTALLED IN A UNIT THEN ALL BOARDS MUST BE REPLACED AND UNIT IDENTIFIED AS AMENDMENT 8.

Refer to SB 6647-32-14 for the use of Microprocessor PNR:001-LG-01-0800 and SB 6647-32-15 for the use of Output Board PNR 001-LG-01-0810 in pre-Amendment 8 LGCIUs.

4. ACTION

New production units have Amendment 8 already embodied from Serial Number 5433. Amendment 8 is available for other LGCIUs at Operators request.

Operators wishing to take advantage of this improvement amendment should contact Ultra Electronics Controls, Customer Support Team at the contact detailed below.

Customer Support Manager
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