



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: **NOTIFICATION OF AMENDMENTS**

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

1. **PURPOSE**

This Service Information Letter (SIL) is applicable to all versions of the LGCIU Pt. No. 664700500A4X. This SIL provides preliminary information of the amendments being introduced by Ultra Electronics Controls to improve the manufacture and the long term reliability of the LGCIU.

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2. **BACKGROUND**

Ultra Electronics Controls has a continuous product improvement schedule and carries out a detailed analysis of Operators service data. This has resulted in the development of a series of amendments to improve the manufacture and reliability for the LGCIU.

3. **DESCRIPTION**

The series of amendments involve different components of the LGCIU described as follows:

A. Amendment 6 – Improved Ground Block Connection, Service Bulletin 6647-32-12

This amendment will replace the current method of attaching internal wiring to the ground block using nuts and bolts with soldered pins. This change of manufacturing process provides an improvement in LGCIU production.

B. Amendment 7 – Improvement to the Wire Wrap, Service Bulletin 6647-32-14

This reliability improvement amendment is to enhance the contamination protection of the wire wrap.

4. **ACTION**

New production units have Amendment 6 from Serial Number 5155 already installed. Amendment 6 is available for other LGCIUs at Operators request.

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

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