



VENDOR SERVICE INFORMATION LETTER

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VENDOR SERVICE INFORMATION LETTER

LANDING GEAR AND INTERFACE UNITS 007LG03 SERIES

Part Number: 007LG037E

SUBJECT: **NOTICE OF SELECTIVE RECALL**

ATA CHAPTER: 32-31

AIRCRAFT TYPE: Airbus A330/A340

APPLICABILITY: Landing Gear and Interface Units

Part Numbers: 007LG037E

Serial Numbers: See Table 1

1. **PURPOSE**

This Vendor Service Information Letter is to provide Operators notice of a selective recall of the Landing Gear Control and Interface Units (LGCIU).

2. **BACKGROUND**

- A. Ultra Electronics - Controls has identified a number of units that are at risk of short circuit failures within the Power Supply Module (PSM).
- B. The failure mechanism is well understood and if it occurs will result in a localised failure within the LGCIU PSM which will not affect any other aircraft systems. If an LGCIU fails in this way the control and indication functions will be retained by the other LGCIU. As yet there have been no reported in service failures. Of the failing units identified within this

VSIL NUMBER: K8081-32-005
PAGE: 1 of 3
DATE: Oct 12 /11



VENDOR SERVICE INFORMATION LETTER

batch most failed during initial power up at Ultra Electronics – Controls; the rest were identified during the multiple acceptance tests performed both at Ultra Electronics – Controls and Airbus.

- C. Ultra Electronics - Controls has reviewed the material and has identified where affected material was used.
- D. To ensure that this production issue does not impact in-service operation of the LGCIUs Ultra Electronics-Controls is instigating a selective recall of in-service LGCIUs to modify all the affected units to either replace or modify the PSUs

3. DESCRIPTION

The affected LGCIUs and the operator/MRO they shipped to either on new aircraft or as a spare are detailed in Table 1.

LGCIU Serial Number	Operator/MRO	LGCIU Serial Number	Operator/MRO
007LG02764	Air France	007LG02774	Jetstar Airways
007LG02750	AAR Allen	007LG02714	Lufthansa Technik
007LG02768	AAR Allen	007LG02733	Lufthansa Technik
007LG02775	AAR Allen	007LG02729	Malaysian Airlines
007LG02763	Aeroflot	007LG02749	Malaysian Airlines
007LG02734	Air China	007LG02765	Malaysian Airlines
007LG02741	Air China	007LG02770	Malaysian Airlines
007LG02781	Air China	007LG02782	Malaysian Airlines
007LG02756	Airbus Operations	007LG02759	Royal Air Force
007LG02757	AJ Walter	007LG02762	Royal Air Force
007LG02766	Alitalia	007LG02730	Royal Saudi Air Force
007LG02772	Alitalia	007LG02754	Royal Saudi Air Force
007LG02722	China Southern	007LG02760	Royal Saudi Air Force
007LG02728	China Southern	007LG02776	Royal Saudi Air Force
007LG02753	China Southern	007LG02745	Sichuan Airlines
007LG02758	China Southern	007LG02746	Sichuan Airlines
007LG02715	Egypt Air	007LG02755	South African Airlines
007LG02724	Egypt Air	007LG02731	South African Airways
007LG02769	Egypt Air	007LG02773	South African Airways
007LG02783	Egypt Air	2043	TAP
007LG02721	Etihad Airways	007LG02716	Turkish Airlines
007LG02726	Etihad Airways	007LG02732	Turkish Airlines
007LG02742	Etihad Airways	007LG02747	Turkish Airlines
007LG02744	Etihad Airways	007LG02767	Vietnam Airlines
007LG02777	Hawaiian Airlines	007LG02784	Vietnam Airlines
007LG02779	Hong Kong Airlines	007LG02717	Virgin Atlantic
007LG02780	Hong Kong Airlines		

Table 1 – Affected LGCIUs



VENDOR SERVICE INFORMATION LETTER

4. **ACTION**

- A. Operators in Table 1 are requested to contact Ultra Electronics-Controls to organise a mutually agreeable schedule for removal of affected units from aircraft. Ultra Electronics – Controls will make available a pool of spares to ensure the recall is managed with the least inconvenience to Operators. The modification/replacement of PSUs on affected units will be carried out at no cost to Operators. The shipping address is:

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- B. The LGCIU should be prepared for transportation as detailed in CMM: 32-31-83
- C. Operators are requested to contact Ultra Electronics – Controls before shipping any material.

5. **CONTACTS**

All queries relating to information contained within this Vendor Service Information Letter and to organise an exchange are to contact:

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