



SERVICE BULLETIN

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SERVICE BULLETIN No. 007LG-32-8

LANDING GEAR - EXTENSION AND RETRACTION - CONTROL AND INTERFACE

INTRODUCTION OF LANDING GEAR CONTROL AND INTERFACE UNIT PART NUMBER: 007LG049G

1. Planning Information

A. Effectivity

Landing Gear Control and Interface Units (LGCIUs), PNR: 007LG049G.

B. Concurrent Requirements

Not Applicable.

C. Reason

This Vendor Service Bulletin (VSB) introduces a new LGCIU PNR: 007LG049G to address component obsolescence with the current production standard LGCIU PNR: 007LG038G. There are no functional changes introduced by LGCIU PNR: 007LG049G.



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D. Description

The current Proximity Sensor Interface Card (PSIC), Crane Aerospace PNR: 8-694-05 (Ultra Electronics Controls PNR: 28747-331-9-7) is subject to component obsolescence.

To resolve this component obsolescence PSIC Crane Aerospace PNR: 8-694-06 (Ultra Electronics Controls PNR: 28747-350-9-7) has been introduced.

This VSB introduces a new LGCIU PNR: 007LG049G variant which incorporates PSIC PNR: 8-694-06.

The introduction of the PSIC PNR: 8-694-06 also requires additional changes to other LGCIU sub-assemblies. The summary of changes introduced with LGCIU PNR: 007LG049G are as follows:

- (1) PSICs (2 off) to PNR: 8-694-06 standard.
- (2) The Digital Board is changed for the hardware configuration identification to PNR: 007LG04-0030.
- (3) The On-Board Replaceable Module (OBRM) software is revised changing to the "04" hardware configuration and the "9G" software configuration standard to OBRM PNR: 007LG04-0080.

E. Compliance

LGCIU PNR: 007LG049G will be fitted to all new build Long Range aircraft from October 2012. There are no functional changes introduced by LGCIU PNR: 007LG049G.

F. Approval

The technical content of this document is approved under the authority of EASA Design Organisation Approval No: EASA.21J.031.

This Service Bulletin approval is granted by Airbus only for aircraft under EASA regulations, as Aircraft Modification N° 201761 H16485 (classified major) is not yet approved by the FAA.



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G. Manpower

Not Applicable

H. Weight and Balance

Weight and balance are not affected.

I. Electrical Load Data

This VSB does not change the aircraft electrical load.

J. Software Accomplishment Summary

The Software Accomplishment Summary has been amended for VSB 007LG-32-8 as detailed in the Declaration of Design and Performance document.

K. References

Airbus Equipment Definition Evolution Sheet 2, EDES 007-LG/28, Issue 1, Introducing LGCIU PNR: 007LG049G.

Ultra Electronics Controls LGCIU Component Maintenance Manual Ref. No. 32-31-83 (Latest Revision).

Ultra Electronics Controls VSB 007LG-32-4

Ultra Electronics Controls VSB 007LG-32-5

This VSB is subject of Airbus aircraft modification No: 201761 H16485 (classified major)

Under no circumstances shall the modified equipment, resulting from the application of this VSB, be installed on the aircraft type unless the corresponding modification, and if applicable, its aircraft Service Bulletin are approved.

L. Other Publications Affected

Not applicable.



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M. Interchangeability or Intermixability of Parts

On A330-200/300 and A340-200/300 LGCIU PNR: 007LG049G is fully interchangeable and intermixable with the previous standards of LGCIU PNRs: 005LG005B, 007LG027D, 007LG027G, 007LG037E and 007LG038G.

On A340-500/600 LGCIU PNR: 007LG049G is only fully interchangeable and intermixable with the previous standards of LGCIU PNRs: 007LG027G and 007LG038G.

NOTE: A340-500/600 Operators wanting to install LGCIU PNR: 007LG049G with PNR: 007LG027D must first embody VSB 007LG-32-4. Operators wanting to install LGCIU PNR: 007LG049G with PNR: 007LG037E must first embody VSB 007LG-32-5.

2. Material Information

A. Material – Price and Availability

Price: The necessary material is detailed in paragraph 2.C.

Availability: Contact Ultra Electronics Controls for availability

B. Industry Support Information

LGCIU PNR: 007LG049G is available for purchase as a spare.

C. Material Necessary for Each Component(Unit)

The following parts from Ultra Electronics Controls are necessary to accomplish this VSB.

(1) Material to be Purchased

<u>New PNR</u>	<u>Key Word</u>	<u>Old PNR</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Inst/Disp</u>
007LG049G	LGCIU	007LG038G	1	\$96,077.39 2013 World List Price	New LRU



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(2) Material Supplied by the Operator (Consumables)

(a) Standard Material

Not Applicable.

(b) Specific Material

Not Applicable.

D. Material Necessary for Each Spare

Not applicable.

E. Re-identified Parts

Not applicable

F. Tooling – Price and Availability

Not applicable

3. Accomplishment Instructions

Not Applicable

4. Further information

If you need more information about this VSB, or to obtain price/delivery data, contact the Customer Support Manager at:

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