



# SERVICE BULLETIN

This Service Bulletin complies with British Civil Airworthiness Requirements, Sect. A, Chap. A6-2.

Signed *A. Mayhew*  
CAA Approval No. DAI/1501/39

SERVICE BULLETIN No. 6647-32-1

## LANDING GEAR - EXTENSION AND RETRACTION - CONTROL AND INTERFACE

### MODIFICATION OF STANDARD SIX PSUs

#### MODIFICATION No. 1

#### 1. Planning Information

##### A. Effectivity

Airbus Industrie A320, all models.

Landing Gear Control and Interface Unit (LGCIU), part number 6647-004-00C, serial numbers :-

24/86	58/87	79/88	106/88
2/87	59/87	81/88	107/88
4/87	60/87	84/88	109/88
5/87	61/87	85/88	110/88
6/87	64/87	86/88	111/88
12/87	65/87	88/88	113/88
13/87	67/88	91/88	116/88
17/87	69/88	92/88	
30/87	70/88	93/88	
32/87	71/88	94/88	
33/87	72/88	95/88	
39/87	73/88	96/88	
44/87	74/88	98/88	
45/87	75/88	101/88	
48/87	76/88	102/88	
56/87	77/88	104/88	

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### B. Reason

A possible fouling condition can exist between a transistor securing washer and a heat-sink within the standard six power supply unit of the LGCIU.

The existence of this condition can result in a short circuit of the LGCIU 28V d.c. supply.

### C. Description

Modification No. 1, introduced by this Service Bulletin, involves the removal of the existing transistor securing washers and their replacement by new washers of a smaller overall diameter.

Electrical integrity is further enhanced by the addition of an insulating strip, which is bonded to the adjacent surface of the transistor heat-sink.

This modification does not affect unit interchangeability.

### D. Compliance

Compliance with this Service Bulletin is recommended.

### E. Approval

The technical content of this Service Bulletin is approved under the authority of CAA Approval No. DAI 1501/39.

### F. Manpower

Not applicable. Operator accomplishment of this Service Bulletin is by unit substitution.

### G. Material Cost and Availability

This modification will be incorporated by the manufacturer into returned units at no charge to the Operators.



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H. Tooling - Price and Availability

Not applicable.

J. Weight and Balance

Weight and balance are not affected.

K. Electrical Load Data

This modification has no effect on the aircraft electrical loads.

L. References

Dowty Component Maintenance Manual, Ref. No. 32-31-71.

M. Other Publications Affected

Not applicable.

2. Accomplishment Instructions

Operator accomplishment of this Service Bulletin is by unit substitution.

The manufacturer will incorporate Modification No. 1 into all LGCIUs returned for repair or investigation or for any other reason.

Pre-Mod. 1 units cannot be converted by Operators to post-Mod. 1 standard.

3. Material Information

Incorporation of Modification No. 1 does not affect the manufacturer's part number of the LGCIU.

Modified units will be identified by the addition of the numeral '1' on the amendment label located on the front panel of the LGCIU.