

# A320 Enhanced Landing Gear Control and Interface Unit (LGCIU)

Crane's Landing Gear Control and Interface Unit (LGCIU) PN 80-178-03-88013 replaces legacy LGCIU (PN 664700500A4A, B, C, D) as the standard on production A320 series aircraft.

- Fully interchangeable and intermixable with all previous LGCIU standards.
- Offers reduced weight, higher reliability
- Enhanced BITE functionality and fault isolation with LGCIU's inter-communication
- Reduced power consumption



	Enhanced LGCIU	Airline Benefits
<b>Weight</b>	3.2Kg per unit	4.7Kg per shipset weight reduction
<b>Intermixable</b>	Same ARINC 600 form factor as previous LGCIU	Interchangeable and intermixable in all A320 installations
<b>Enhanced LGCIU BITE Improvements</b>	Improved internal and external fault coverage	Increased accuracy for system status, fault identification and trouble shooting
<b>Improved Power Consumption and Handling</b>	19% less power usage and 3X more tolerant of power interrupts	Reliable operation with fewer system interruptions and NFF removals due to aircraft power
<b>Inter-LGCIU Communication Link</b>	Additional ARINC 429 between the two LGCIUs	Inter-LGCIU communication provides Enhanced fault detection and fault isolation

**Why perform costly repairs or reliability modification campaigns on your existing LGCIU?** Contact Crane Aerospace & Electronics to discuss lowering your maintenance cost and improving dispatch reliability with the enhanced Crane LGCIU.

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