



Avionics Maintenance Trainer

Generic LRUs



“A Captec Group company have supplied a suite of Generic Avionics Line Replaceable Units (LRUs) to give the appearance and feel (dimensions and weight) of typical LRUs for installation in a representative airframe for our customers’ maintenance training system”



This customer provides an extensive range of training technology solutions and software products & services around the world, to train the next generation of maintenance engineers in the military and commercial aircraft sectors.

Requirements & Issues

- ▶ For completed LRUs to be shipped ready for final assembly within representative airframe
- ▶ For specific LRUs to interface with and provide responses to host computer system

The Solution

- Design of LRUs to outline customer requirements to provide look and feel of typical units
- Full fabrication and finishing of LRU enclosures
- Full electro-mechanical assembly of LRUs



The Outcome

- The equipment provides the necessary connections and data responses to the host software to enable suitable training of maintenance operators
- Assembly aligned to specific customer instructions to allow them to be integrated as part of the full airframe solution



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