



AIRWORTHINESS BULLETIN

Suspected Unapproved Parts in L-3
Communications Products

AWB 01-025 **Issue :** 1
Date : 18 December 2012

1. Effectivity

L-3 Communications Cockpit Voice Recorder (CVR) model A200S CVR P/N S200-XX03-XX and S200-XX12_XX, model FA2100 CVR P/N 2100-XXXX-XX and FA23XX MADRAS and playback equipment Digital Audio Playback Unit (DAPU) P/N 17TES0250 and Portable Interface (PI) P/N 17TES0043.

2. Purpose

To alert owners, operators, maintainers and parts distributors that suspected unapproved parts have been introduced into the L-3 Communications Aviation Recorders Division (L-3AR) supply chain.

3. Background

L-3AR has conducted an inventory inspection of components received from all distributors to determine if suspect parts have been introduced into their inventory from any distributor. During this investigation L-3AR discovered a small percentage of electronic components that warranted additional analysis.

These parts were sent to a third party for verification and these parts have now been confirmed as suspect counterfeit. L-3AR has informed that a limited number of L-3AR products may have been delivered with these newly identified suspect parts.

The parts potentially entered the L-3AR supply chain between late 2003 and 2012 and, beginning in 2006, these components may have been used in the products identified above in Effectivity.

L-3AR indicate that prior to delivery all potentially affected equipment had passed all functional inspection test requirements and that they have reviewed their relevant field history data which has shown reliability is within projections and there has not been an elevated failure rate. L-3AR also indicate that their engineering analysis has determined there is no flight safety risk and no tangible reliability risk, however should one of the units that may contain suspect parts suffer a confirmed failure the unit should be returned to L-3AR for inspection.

4. Recommendations

CASA recommends that should one of above the listed LRUs suffer a confirmed failure for any reason, the LRU should be returned to L-3AR for standard bench test and inspection for suspect counterfeit parts.



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5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

AirworthinessBulletin@casa.gov.au

or in writing, to:

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