



# AIRWORTHINESS BULLETIN

Emergency Locator Transmitter Battery Wiring  
Installation Discrepancies

**AWB** 25-024 **Issue :** 1  
**Date :** 16 August 2013

## 1. Effectivity

Honeywell ASCa Inc. Emergency Locator Transmitter (ELT) model RESCU 406AF and 406AFN with Transmitter Unit (TU) part numbers 1152682-1, -2 and -3.

## 2. Purpose

Alert maintainers and registered operators for potential issues with Honeywell ELT model RESCU 406AF and 406AFN.

## 3. Background

Following an event where a fire broke out on a parked and unoccupied aeroplane, the United Kingdom Air Accidents Investigation Branch (AAIB) carried out an investigation to determine the cause of the fire. Although the investigation is still ongoing, preliminary information indicated that there was combustion in the area of the ELT TU. Subsequent to the fire event, inspection of in-service ELT TUs revealed battery wiring installation discrepancies inside the TU that may result in an electrical short. The AAIB noted that in case of an electrical short, the ELT battery could provide the energy for an ignition.

Transport Canada issued Airworthiness Directive [CF-2013-25](#), dated 15 August 2013. This AD requested operators to carry out inspections of ELT TUs in accordance with Honeywell Alert Service Bulletin (ASB) 1152682-23-A22, Revision 1, dated 8 August 2013, or later revisions approved by, Transport Canada. The ASB details corrective actions for any discrepancies found.

## 4. Recommendations

It is strongly recommended that the instructions detailed in Airworthiness Directive CF-2013-25 are followed.

## 5. Reporting

Report any findings to the Type Certificate holder and CASA via the SDR system.



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## 6. 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](mailto:AirworthinessBulletin@casa.gov.au)

or in writing, to:

Airworthiness & Engineering Standards Branch  
Civil Aviation Safety Authority  
GPO Box 2005, Canberra, ACT, 2601