



AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.

Number:

CF-2026-05

Effective Date:

13 February 2026

ATA:

25

Type Certificate:

AP-84, AP-101

Subject:

Equipment/Furnishings – Emergency Locator Transmitter (ELT) - Degraded Performance in High Temperature environment.

Applicability:

Honeywell ASCa Inc. ELT models RESCU 406AFN2 with Part Numbers (P/N) 51090152-2, 51090414-1, and 51090130-2, and RESCU 406SG with P/N 51090368-1.

Note: These ELTs are known to be installed on, but not limited to, the following aeroplane series/models and/or their variants:

- The Boeing Company: 737, 767, 777 and 787 series aeroplanes.
- Airbus S.A.S: A318, A319, A320, A321, A330, A340, A350 and A380 series aeroplanes.
- Airbus Canada Limited Partnership (formerly C Series Aircraft Limited Partnership, Bombardier Inc.): model BD-500-1A10 and BD-500-1A11 aeroplanes.

Compliance:

Within 36 months from the effective date of this AD, unless already accomplished.

Background:

An investigation by Honeywell and its suppliers has revealed that a subset of the ELTs mentioned in the Applicability section of this AD may fail to transmit the 121.5 MHz homing beacon signal at the minimum required Equivalent Isotropic Radiated Power (EIRP) of 17 dBm when exposed to environmental temperatures in the range of 30 to 55°C. The affected ELTs are non-compliant to Canadian Technical Standard Order (CAN-TSO) design standards. The non-compliance could result in a reduced detection range and a corresponding increase in the response time of search and rescue teams.

ELTs are considered emergency equipment and non-compliances affecting their function are deemed to be unsafe conditions. This AD mandates replacing the inductors which are causing the non-compliance in the affected ELTs.

Corrective Actions:

Identify the affected ELTs by their serial numbers and replace their inductors in accordance with section 3 Accomplishment Instructions of the applicable Service Bulletin (SB) listed in Table 1 below.

Table 1 – Applicable ELTs and SBs

ELT Type	ELT P/N	Affected ELT serial Numbers	Applicable SB and Revision
RESCU - 406AFN2	51090152 - 2	As listed in Table 2 of Honeywell SB Number 51090152-23-0002 Revision 0 dated 3 rd October 2025.	Honeywell SB Number 51090152-23-0002 Revision 0 dated 3 rd October 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
RESCU - 406AFN2	51090414 - 1	As listed in Table 2 of Honeywell SB Number 51090414-23-0001 Revision 0 dated 22 nd September 2025.	Honeywell SB Number 51090414-23-0001 Revision 0 dated 22 nd September 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
RESCU - 406AFN2	51090130- 2	As listed in Table 2 of Honeywell SB Number 51090130-23-0001 Revision 0 dated 19 th September 2025.	Honeywell SB Number 51090130-23-0001 Revision 0 dated 19 th September 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
RESCU - 406SG	51090368 - 1	As listed in Table 2 of Honeywell SB Number 51090368-25-0051 Revision 0 dated 2 nd October 2025.	Honeywell SB Number 51090368-25-0051 Revision 0 dated 2 nd October 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 30 January 2026

Contact:

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