



CIVIL AVIATION SAFETY AUTHORITY OF PAPUA NEW GUINEA

SAFETY ALERT BULLETIN (SAB)

SAB NO: 02/2024

DATE: 31 October 2024

A SAB is issued under section 12(k) of the Civil Aviation Act 2000(as amended). It contains important safety information and may include recommended action. SAB content should be especially valuable to air operators in meeting their statutory duty to provide service with the highest degree of safety in the public interest. Besides specific action(s) recommended in a SAB, an alternative action may be as effective in addressing the safety issue in the SAB.

TITLE: 406MHz ELT -Battery Replacement

OBJECTIVE: This SAB provides safety guidance information for:

- All Owners of PNG-registered aircraft
- All Air Operators of PNG-registered aircraft.
- Part 145 Aircraft Maintenance Organizations.

APPLICABILITY: This SAB is applicable to all 406 MHz Emergency Locator Transmitter (ELT) beacons used on PNG registered aircraft.

BACKGROUND

Following the requirement to install 406 MHz ELT many will be becoming due for routine battery replacement.

CA Rule 43.53 prescribes the requirements for persons performing maintenance.

CA Rule 43.51 prescribes what maintenance is required under Part 145, the maintenance requirements in regard to components, including the requirement for the use of test apparatus.

REGULATORY REQUIREMENTS

Part 145 Maintenance providers proposing to carry out ELT battery replacements must:

1. Have access to and be familiar with any test equipment required by the ELT manufacturer.
2. Have access to the manufacturer's current Technical Data.
3. Have any specialised tooling required.
4. Be trained, experienced, current and familiar in carrying out the task.

In carrying out ELT battery replacement the instructions as detailed by the manufacturer must be fully understood and complied with.

The above criteria need to be considered before maintenance providers can demonstrate they meet the requirements to carry out battery replacements in accordance with the applicable manufacturer's instructions and CA Rules.

RELATED REFERENCE MATERIALS:

1. CAA NZ Continuing Airworthiness Notice –23-001 Rev 1, *23 September 2011*.
2. PNG AC 91-30 Emergency Locator Transmitter (ELT)
3. PNG AC 91-31-Global Aviation Distress Safety System (GADSS) & Location of Aircraft in Distress Repository (LADR)

ENQUIRIES:

For any further enquiries regarding the contents of this Safety Alert Bulletin (SAB), you may contact the CASA PNG Manager Airworthiness Branch:

Mr Samson Yangom
Manager Airworthiness Branch
Safety Regulation Division
Civil Aviation Safety Authority of Papua New Guinea
P.O.BOX 1941 Boroko, NCD, PNG
Email: syangom@casapng.gov.pg