

CIAC | **Guidance Emergency Locator Transmitter (ELT) Registration**
Issue | **27-15**
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GENERAL

Cayman Islands Civil Aviation Authority (CAACI) Circulars are issued to provide advice, guidance and information on standards, practices and procedures necessary to support Overseas Territory Aviation Requirements. They are not in themselves law but may amplify a provision of the Air Navigation (Overseas Territories) Order or provide practical guidance on meeting a requirement contained in the Overseas Territories Aviation Requirements

RELATED REQUIREMENTS

This Circular relates to OTAR OTAR 125.705; 121.705; 135.705 and ICAO Annex 10, Volume III

CHANGE INFORMATION

Re-issue

ENQUIRIES

Enquiries regarding the content of this Circular should be addressed to:
Manager Flight Operations civil.aviation@caacayman.com

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1 Introduction

- 1.1 This Bulletin provides background information and guidance with regard to registration of an ELT for Cayman registered aircraft.
- 1.2 In the absence of dedicated SAR facilities the Cayman Islands, CAACI are following the UK procedure using Country code 232. The country code is part of every beacon message protocol. This code is a 3-digit decimal number allocated to each country/territory by the International Telecommunication Union (ITU) and listed as **Maritime Identification Digits (MID)** in Appendix 43 of the ITU Radio Regulations. (UK CAA Aeronautical Circular number [P134/2012](#) gives the procedure and options for the registration of ELT installed in UK registered aircraft.)
- 1.3 As of 3 September 2012, the UK MCC is no longer responsible for the registration of new ELT/PLB Registrations for CAACI registered aircraft. These will now be processed by the Epirb Registry which is part of the Maritime and Coastguard Agency in the UK. All ELT/PLB registration matters relating to CAACI registered aircraft will be the responsibility of the Epirb Registry, whose contact details are as below.

The UK Distress and Security Beacon Registry (UKDASBR)
Falmouth MRCC
Pendennis Point
Castle Drive
Falmouth, Cornwall
TR11 4WZ
Telephone: + 44 (0) 1326-211569
Fax: + 44 (0) 1326-319264
E-mail: epirb@mcga.gov.uk

- 1.4 Attached to this Circular is the form to be completed and sent to the address listed on the application to enable the registration of a 406MHz ELT installed in the aircraft.

2 ELT Coding

- 2.1 The Hex ID is a 15 hexadecimal character string (valid range: numbers 0 through 9 and letters A through F), referred to as the beacon 15 Hex Identification, or 15 Hex ID. Your beacon's 15 characters Hex ID uniquely identifies your 406 MHz beacon and is encoded in the message your beacon transmits to search and rescue services if your beacon is activated. When your beacon is activated satellites will detect the transmission and relay the distress alert to search and rescue services. The Hex ID contains the country code and other identification features relative to the carrier which is dependent upon the coding protocol used. The Hex ID can identify the carrier using the radio call sign, a serial number, aircraft registration marking, etc. (<http://www.cospas-sarsat.org/en/beacons/beacon-coding/beacon-coding-tutorial>)

- 2.2 You should find your beacon's Hex ID on a label affixed to the beacon or in the beacon documentation provided by your beacon manufacturer. If you have difficulty locating your beacon Hex ID, contact your beacon manufacturer.
- 2.3 Additional information on coding your ELT can be found on the International Cospas-Sarsat Programme website at: <http://cospas-sarsat.org/index.php>

3 ELT Registration Process

- 3.1 It is the responsibility of the aircraft operator or owner to make the application to the UKDASBR for registration of an ELT and to ensure the ELT is registered.
- 3.2 Guidance for the completion of the ELT Application is contained in the UK CAA AIC at Appendix A along with the address and methods for submission. The CAACI is not involved in this process.