MULTI-PURPOSE ELT PROGRAMMING DATA SHEET

# Purpose

|  |  |  |  |
| --- | --- | --- | --- |
| Installation | Removal | Re-coding | New owner |

# Aircraft

|  |  |
| --- | --- |
| Type of aircraft (use ICAO abbreviation) |  |
| MSN (if forwardfit) |  |
| Homebase (airport) |  |

# Aircraft identification

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Country of registration of the aircraft | | |  | | | | | | | | | |
| Country of ELT Registration (if different)  Aircraft registration marking (Tail Number) | | |  | | | | | | | | | |
|  | | | | | | | | | |
| Repeated in International Alphabet  (ex: FOX BRAVO ROMEO ZOULOU ECHO) | | |  | | | | | | | | | |
| Aircraft 24-bit address (hexadecimal format) | | |  |  |  |  | |  |  |  | | |
| Protocol | T/N (tail number) | S/N (serialized number) | | | | | ICAO (24 bit address) | | | | AOD (Op. Designator) |

# Aircraft operator

|  |  |
| --- | --- |
| Airline / Name (if private) |  |
| Three letter airline designator (AOD) |  |
| Address |  |
|  |  |
| Country |  |
| Phone (with country code) | + |
| Fax (with country code) | + |

# H24 contact

|  |  |
| --- | --- |
| Contact name |  |
| Phone (with country code) | + |
| Fax (with country code) | + |

# Aircraft configuration

|  |  |
| --- | --- |
| Type of ELT (Fixed/Portable or Survival) |  |
| No. of ELT on Aircraft |  |
| This form is for the (1st/2nd/3rd etc) |  |

|  |  |  |
| --- | --- | --- |
| Installation with programming dongle or program loading box | Yes | No |

**Date:** Signature:

# *Part to be completed by authorized programmer or by the operator if “New Owner”*

# ELT or DONGLE information

|  |  |
| --- | --- |
| CSN (ex: 322742) |  |
| S/N (ex: 2611493-0027) |  |

# Coding information

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| COSPAS-SARSAT Country Code (MID) | | |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | |
| Protocol | T/N (tail number) | S/N (serialized number) | | | | | | ICAO (24 bit address) | | | | | | AOD (Op. Designator) | | | | | | |
| Identification number | | |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | |
| Identification (15 HEX ID) | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  |

# Programmer details

|  |  |
| --- | --- |
| Name of distributor / dealer / airline |  |

**Date:** Signature (the programmer):

INSTRUCTIONS

# Purpose

Installation: for ELT or DONGLE installation on board A/C.

Removal: for ELT or DONGLE removal from A/C. In this case, complete S/N and CSN in paragraph “ELT or DONGLE information”

ELT Replacement: Unless the A/C is equipped with a “programming dongle”, complete two “Programming Data Sheet” forms to replace an ELT on board an A/C (one for the removed ELT, the second for the installed ELT).

Re-coding: in case of change of country of registration (and in some case, if PCB is replaced), the coding shall be updated.

New-owner: In case of change of ownership (without change of registration number), the ELT registration should be updated.

# Aircraft

Complete “Type of Aircraft” by using ICAO abbreviation.

The “Mainframe Serial Number” must be completed if ELT is delivered to an Aircraft Manufacturer for installation on board a new aircraft.

# Aircraft identification

This information is mandatory. It is either programmed into the ELT or, for serialised protocol, registered with Sarsat Point of Contact (SPOC) depending on the coding protocol accepted by the SPOC.

The 24 bit address is available from the Civil Aviation Authority and must be converted in Hexadecimal format.

Ex: “1101 1111 0010 1100 0011 0001” becomes “DF2C31”

# Aircraft operator

To be completed…

# H24 contact

One phone number must be given as a minimum requirement.

# Aircraft configuration

Complete the exact type of ELT to be installed. Ex: KANNAD 406 ATP or ARTEX B406-4 …

The rank of the ELT must be specified if other ELTs are installed on board.

In T/N protocol, rank 1 usually designates the automatic ELT, rank 2 the first survival ELT, rank 3 the second survival ELT, etc.

In 24-bit address protocol, rank 0 usually designates the automatic ELT, rank 1 the first survival ELT, rank 2 the second survival ELT, etc.

# Signature

Date and signature of the aircraft operator (initials as signature if electronic format)..

**This form must be returned to your distributor duly completed with required data   
necessary to program your ELT or Dongle**

This procedure does not exempt you (the operator) from registering   
the ELT with the local COSPAS-SARSAT authority (SPOC).

The following instructions are for the distributor / dealer / airline that will program the ELT:

# ELT or DONGLE information

This information is available on the equipment name plate.

If option “Yes” in “Aircraft Configuration” is checked, supply dongle data.

If option “No” in “Aircraft Configuration” is checked, supply ELT data.

# Coding information

This information is added when programming the ELT or DONGLE.

Important remark: According to C/S G005, it is the programmer’s responsibility to determine the protocol accepted in the country of registration of the aircraft.

Examples of Identification numbers (depending on the identification protocol): FBXRV/1, CFEYS/1, 3A7C21, AFR 0783, 322742

The Identification (15 HEX ID) is computed by the relevant manufacturers programming equipment. It is a “key information” within the COSPAS-SARSAT system. This number is required to complete the local “Registration Form” (when applicable).

# Programmer

Name of the organization that has performed the ELT or DONGLE programming.

# Signature

Date and signature of the programmer (initials as signature if electronic format).