

ELT REGISTRATION AT COSPAS SARSAT

ATTENTION AIRCRAFT OWNERS AND OPERATORS

Up till recently it was very difficult if not impossible to register the 406 Mhz ELT installed on your aircraft i.a.w. the requirements of cars part 7.1.8.5 with international organizations.

The CASAS with the assistance of the Search & Rescue Coordinator of the Dep. Of Civil Aviation have entered into an agreement with the COSPAS SARSAT organization which has resulted in creating the possibility for owners or operators of aircraft registered in Suriname, to directly register the ELT's installed i.a.w. our CARS requirement as referenced above, with this organization.

The COSPAS-SARSAT system provides distress alert and location information to search and rescue (SAR) services throughout the world not only for aviation but also for maritime and land users in distress.

The system is comprises of:

Satellites in Low-Altitude Earth Orbit (LEOSAR) and Geostationary Orbit (GEOSAR) that process and/or relay signals transmitted by distress beacons;

Ground receiving stations called Local User Terminals (LUTS) which process the satellite signals to locate the beacon; and Mission Control Centers (MCCS) that distribute the distress, alert information to SAR authorities.

The COSPAS-SARSAT system detects distress beacons that operate at 406 Mhz. Satellite reception. The processing of legacy analogue-technology, 121.5- Mhz beacon signals ended on 1 February 2009.

The image on the last page gives a pictorial view of the manner this system operates.

Take note that ELT beacon registration at the COSPAS SARSAT organization is a requirement and shall be carried out by all aircraft owners whether or not this was previously done with other organizations.

Each ELT installed on aircraft owned or operated whether privately or on the basis of an AOC, shall be registered.

The caspas will monitor the registration of the ELT's on the database of the COSPAS SARSAT organization and hereby allows a period of 30 days for the registration all Emergency Locator Transmitters as noted above and i.a.w. the procedure outlined on the following page.

Your urgent attention to the above is required.

For any questions pertaining to the above contact the undersigned via the caspas telephone numbers.

Regards

Brian de Souza
Actg Director

HOW TO REGISTER THE ELT INSTALLED ON YOUR AIRCRAFT.

GO TO [HTTPS://WWW.COSPAS-SARSAT.INT](https://www.cospas-sarsat.int)

ON THE WEBPAGE FROM THIS ORGANIZATION IS INCLUDED A SECTION WHICH STATES **“REGISTER YOUR BEACON”**. LEFT CLICK ON THE AREA NOTED **“REGISTER YOUR BEACON HERE”**. A NEW WEBPAGE OPENS AT <https://www.406registration.com> BELOW **“REGISTER A NEW BEACON”** CLICK ON THE CIRCLE NEXT TO **“I HAVE ONLY ONE BEACON TO REGISTER”**. OPTIONS FOR ENTERING THE BEACONS HEX ID (IDENTIFICATION) ARE THEN PROVIDED.

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 CHARACTER 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.

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.

ENTER AND RE-ENTER YOUR BEACON’S HEX ID IN THE SPACES PROVIDED.

ENTER YOUR BEACON TYPE FROM THE LIST PROVIDED

ENTER THE COUNTRY CODE FOR SURINAME WHICH IS **765**

A NEW PAGE OPENS IN WHICH VARIOUS DETAILS ARE TO BE PROVIDED PERTAINING TO YOUR COMPANY AND THE AIRCRAFT IN WHICH THE ELT BEACON IS INSTALLED. YOU WILL BE REQUIRED TO ESTABLISH A PASSWORD WHICH WILL BE NEEDED IN ORDER TO UPDATE THE REGISTERED BEACON’S DETAILS IF REQUIRED.

