



Electronics for Harsh Environments

**FEDERAL COMMUNICATION COMMISSION
445 12TH STREET, SW
WASHINGTON, DC 20554
USA**

Blagnac, on December 12th, 2005

V/Réf. :
N/Réf : 05B68728
P.J. :

SIÈGE SOCIAL :

14, place Marcel Dassault
B.P. 48
31702 BLAGNAC Cedex
France

ELTA Grantee Code: LYJ

ELTA contact : C. CRESP, c.cresp@elta.fr

SUBJECT : Attestations Statement (Request for Equipment notification)

Tél. : +33 (0)5 34 36 10 00

Fax : +33 (0)5 34 36 10 01

www.elta.fr

Dear Sir,

Please find here included the obtained approvals related to our new Emergency Locator Transmitter (ELT) model **ADT 406 S**.

This model is the Survival version and will complete the ADT406 family range (note: FCCID:LYJADT406 was already granted for the previous ELT models ADT 406 AF/AP & ADT 406 AP part of this family).

The new **FCC ID: LYJADT406S** is required.

This ELT is approved by:

- COSPAS-SARSAT, with the Type Approval Number N° 153 dated September 13, 2005
- EASA, with the ETSO 2C91a & ETSO 2C126 letter N° EASA.210.353 dated October 12, 2005
- FAA approval is in progress. TSO C91a & TSO C126 letter is pending

CEIS TM, ENERSYS, CITA
et ELFES ELECTRONIQUES
sont des marques
de ELTA S.A.

Copies of these approvals are presented here under.

S.A. au capital de 2 600 000 €

R.C.S Toulouse 92 B 1746

SIREN 388 919 177

Code A.P.E. 322 A

T.V.A. FR 27 388 919 177



COSPAS-SARSAT TYPE APPROVAL CERTIFICATE

For a 406 Megahertz Distress Beacon
for use with the Cospas-Sarsat Satellite System

WHEREAS, ELTA of Toulouse, France, the manufacturer of a 406 Megahertz Distress Beacon packaged as an *ELTA*, and identified as Model *ELTA 406 B* has submitted test data and had said beacon tested from November 2004 to December 2005 at a facility accepted by Cospas-Sarsat at Toulouse, France, to demonstrate that said beacon meets the applicable technical requirements for use with the Cospas-Sarsat Satellite System as defined in documents: *CIS T.001 "Specification for Cospas-Sarsat 406 MHz Distress Beacon"*, Issue 3 - Rev. 6, October 2004, and *CIS T.007 "Cospas-Sarsat 406 MHz Distress Beacon Type Approval Standard"*, Issue 3 - Rev. 11, October 2004, for frequency channel 406.028 MHz;

WHEREAS, the Cospas-Sarsat Council has determined, following a review of the test results, that the said beacon meets the Cospas-Sarsat Class 2 requirements and is suited for operating over the temperature range of -30°C to $+55^{\circ}\text{C}$, with battery;

Ultralife (U3160) or S4FT (S433000)

Minimum Magazine Discharge (L1000-C), 2 X 20-seg/ly and

WHEREAS, said manufacturer has certified that all other units of the same type will meet said technical requirements in a similar manner to the unit subjected to test, which incorporated the following features:

- *121.5 and 243 MHz: Auxiliary radio locating beacons (12.5 mW, continuous);*
- *1 kHz Sine Wave Activation;*
- *Self-test mode four hours of 400 mHz*

2) Beacon is approved for use with the following three protocols:

- *ELTA with Serial Number*
- *ELTA with 30-seg/ly Operator and Serial Number*
- *ELTA with 24-bit Address*
- *Position*

3) Symbol of operating frequency 29 bytes

NOW, THEREFORE, in reliance upon the following, the Cospas-Sarsat Council does hereby certify that the 406 MHz Distress Beacon Model identified herein is compatible with the Cospas-Sarsat System as of the date of this Certificate:

Certificate No: **153**

Date: **17 September 2005**

Signed by:

D. Levesque
Head of Cospas-Sarsat Secretariat

NOTE, HOWEVER:

1. This certificate does not authorize the operation or sale of any 406 MHz distress beacon. Such authorization may require type acceptance by national administrations in countries where the beacons will be distributed, and may also be subject to national licensing requirements.

2. This certificate is intended only as a formal notification to the above identified manufacturer that the Cospas-Sarsat Council has determined, on the basis of test data of a beacon submitted by the manufacturer, that 406 MHz distress beacons of the type identified herein meet the standards for use with the Cospas-Sarsat System. This certificate is not a warranty and Cospas-Sarsat hereby expressly disclaims any and all liability arising out of or in connection with the issuance, use, or misuse of this certificate.

3. This certificate is subject to revocation by the Cospas-Sarsat Council should the beacon type for which it is issued cease to meet the Cospas-Sarsat specification. A new certificate may be issued after satisfactory corrective action has been taken and correct performance demonstrated in accordance with the Cospas-Sarsat Type Approval Standard.



European Aviation Safety Agency

EUROPEAN TECHNICAL STANDARD ORDER (ETSO) AUTHORISATION

Pursuant to Regulations (EC) 1592/2002 and (EC) 1702/2003 and subject to the conditions specified below, the Agency hereby issues to

ELTA SA
14 Place Marcel Dassault
BP 70048
91702 Bagnac
France

POA FR.21G.0029

an ETSO Authorisation

EASA.210.353

according to Commission Regulation (EC) No 1702/2003, Part 21, Section A,
Subpart O and CS-ETSO C126, C91a

for

ELT Model ADT 406-S

Article	Part Number
Transmitter	04563754(1)
Whip Antenna (included)	04563718(1)
Bracket Mount (Optional)	04564250(1)
Protective Lens Cover (Optional)	04564255(1)
Storage & Transportation Bag	04564255(1)

DDP No. 05E63754 Rev B or Subsequent Revision

Remarks:

Cosplay-Sound emergency New channel 406.025 MHz instead of 406.025 MHz as required by CS-03

Conditions:

1. The above ETSO Authorisation holder is only authorized to identify an Article with the ETSO marking whilst remaining in compliance with the conditions retained for the issue of this Authorisation
2. This Authorisation shall remain valid until surrendered or revoked
3. This ETSO does not constitute an installation approval. It is the responsibility of those installing this article to demonstrate the correct installation conditions are within the ETSO standard

For the European Aviation Safety Agency,
Date of Issue: 12 October 2005

Kevin HALLWORTH
Avionics Expert
Parts & Appliances

C. CRESP
Product Support Manager