



*Electronics for Harsh Environments*

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

Blagnac, on December 12<sup>th</sup>, 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

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[www.elta.fr](http://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**

**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



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 **CSS T.001** Specification for Cospas-Sarsat 406 MHz Distress Beacon", Issue 3 - Rev. 6, October 2004, and **CSS T.007** "Cospas-Sarsat 406 MHz Distress Beacon Type Approval Standard", Issue 3 - Rev. 11, October 2004, for frequency channel **406.078 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 used for operating over the temperature range of **-30°C to +55°C**, with beacon:

**Channel 03360 or 0477 (0.433000)**  
**Minimum Magnetic Decline 0.1000, 2 X 20-sigfig 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:

- **12.5 and 24.5 MHz Auxiliary radio frequency devices (12.5 MHz continuous)**
- **White Noise Emission**
- **Spurious mode four hour of 400 min**
- 1) Beacon approved for use and the following test protocols:
  - **ELTA test Number**
  - **ELTA test Setup Operator and Serial Number**
  - **ELTA test 24 bit Address**
  - **Position**
- 2) **Spurious operating frequency 29 hours**

**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 Beacon 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 beacon of the type identified herein meets 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 2C126, 2C91a

for

ELT Model ADI 406 S

| Article                          | Part Number |
|----------------------------------|-------------|
| Transmitter                      | 04963718(C) |
| Whip Antenna (included)          | 04963718(C) |
| Bracket Mount (Optional)         | 04964265(C) |
| Protective Lens Cover (Optional) | 04964265(C) |
| Storage & Transportation Bag     | 04964265(C) |

DDP No. 05E63754 Rev B or Subsequent Revisions

**Dimensions:**

Complies with mandatory New standard 406 MHz instead of 406.025 MHz as required by DD-01

**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 determine that the aircraft installation conditions are within the ETSO standard

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

Kevin HALFWORTH  
Avionics Expert  
Parts & Appliances

C. CRESP  
Product Support Manager