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

Blagnac, on September 5, 2003

V/Réf. :
N/Réf : 03B65221
P.J. :

ELTA Grantee Code: LYJ

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

SUBJECT : Operational Description of our ELT models ADT 406 (Request for Equipment notification)

Dear Sir,

Please find here under some information related to the operational description of our new Emergency Locator Transmitter (ELT) model ADT 406. This model can be divided in two versions:

- ADT 406 AF/AP, designed for Automatic Fixed application or Automatic Portable application when floatation is not required,
- ADT 406 AP designed for Automatic Portable application when floatation is required.

These two versions use the same transmitter board and the same integration concept (metallic case) .
This ELT equipment is only a simple three frequency transmitter without any adjustment controlled by the user.
The operational description is part of the document issued for JTSO & TSO Approval:

- Document 02E67355, "TSO C91a & TSO C126 Qualification Data Package for ELT model ADT 406 AP (here presented without appendixes)
- Document 02E65151, Declaration of Design and Performances

Emission type for 121.5 MHz is 3K20A3X (± 6 KHz allowed bandwidth),
Emission type for 243 MHz is 3K20A3X (± 12 KHz allowed bandwidth),
Emission type for 406 MHz is 16K0G1D (± 1 KHz allowed bandwidth).

Antenna requirements are part of the Cospas-Sarsat requirement and were tested in the accredited laboratory INTESPACE located in Toulouse, France.

Document 02E67355, “TSO C91a & TSO C126 Qualification Data Package for ELT model ADT 406 AP (extracts without appendixes)

02E67355A.pdf

Document 02E68861, Declaration of Design and Performances

02E65151B_DDP_ADT406.pdf

C. CRESP
Product Support Manager