

**TSO C91a & C126
QUALIFICATION DATA
PACKAGE for
ELT model ADT 406 AF/AP**

Référence : 02E67355

Révision : A

Rédigé par :
(issued by)

C. CRESP

Vérifié par :
(checked by)

B. DROXLER

Approuvé par :
(approved by)

A. LEMOAL

Emis le :

23rd January 2003

Ce document est un fichier informatique et ne peut être modifié manuellement.

Ce document est la propriété d'ELTA et ne peut être reproduit, ou communiqué, sans son autorisation écrite.

Révision <i>Issue</i>	Nom de l'émetteur <i>Name</i>	Description de l'évolution <i>Revision description</i>	Date <i>date</i>
A	CRESP	Creation (BPE)	21/01/03

SUMMARY

1. SUBJECT	3
2. APPLICABLE DOCUMENTS	3
3. OTHER RELATED DOCUMENTS.....	3
4. BACKGROUND ON EQUIPMENT DEVELOPMENT & QUALIFICATION.....	4
5. TSO DATA PACKAGE REFERENCES.....	6
5.1. APPLICABILITY	6
5.1.1. Minimum Performance Standard	6
5.1.2. Environmental Standard	6
5.1.3. Computer Software	6
5.2. MARKING.....	7
5.3. DATA REQUIREMENTS	8
5.3.1. Operating Instructions.....	8
5.3.2. Equipment Limitations.....	8
5.3.3. Installation Procedures & Limitations	8
5.3.4. Schematics Drawings as applicable to the Installation Procedures	9
5.3.5. Wiring Diagram as applicable to the Installation Procedures	10
5.3.6. Specifications	11
5.3.7. P/N Major Components List.....	11
5.3.8. Environmental Qualification Form as per RTCA DO-160D / ED-14D	12
5.3.9. Registration Information.....	13
5.3.10. Manufacturer's TSO Qualification Test Report.....	13
5.3.11. Name Plate Drawings.....	13
5.3.12. DO-178B / ED-12B Documentation.....	13
6. STATEMENT OF CONFORMANCE.....	14
7. ACTUAL APPROVALS	14
8. APPENDIX LIST	14

The following documents were issued (in French only):

- “Balise Cospas-Sarsat”ADT 406 Logiciel 00E65792 Spécifications (software specifications), document 00E66066 (x)
- Balise ADT 406 Logiciel 00E65792 Plan de développement (design Plan), document 00E66440 (x)
- “Balise Cospas-Sarsat”ADT 406 Logiciel 00E65792 Conception logicielle (software design), document 01E64647 (x)
- “Balise Cospas-Sarsat”ADT 406 Logiciel 00E65792 Fiche de tests (Tests sheets), document 01E64648 (x)
- Procédure de génération du code executable balise ADT 406 logiciel 00E65792 (Procedure for object code generation), document 01E64649 (x)
- Balise ADT 406 Logiciel 00E65792 V1.13 Fiche de version (software configuration), document 01E64650 (x)

The latest document 01E64650 (x) is presented in Appendix 7 for information.

They're no software option. The software is entered into a micro-controller during the manufacturing phase of the transmitter board.

6. STATEMENT OF CONFORMANCE

The statement of conformance requested for TSO approval is supplied in Appendix 4 2.

7. ACTUAL APPROVALS

A copy of the JAR 21 G & JAR 145 approvals granted to ELTA are presented in Appendix 8.

Copy of the JTSO approval obtained on model ADT 406 AF/AP is presented in Appendix 9

Copies of the JTSO and JTSO approvals already obtained by ELTA for similar ELT equipment in production are given in Appendix 10

8. APPENDIX LIST

- APPENDIX 1: CONFIGURATION FILE OF P/N 01P6590(x)
- APPENDIX 2: DECLARATION OF DESIGN & PERFORMANCE, P/N 02E65151
- APPENDIX 3: USER'S HANBOOK, P/N 02E62356
- APPENDIX 4: COMPONENT MAINTENANCE MANUAL, P/N 25-60-10
- APPENDIX 5: DRAWINGS (LABELS & WIRING RECOMMENDATIONS)
- APPENDIX 6: INSTALLATION PROCEDURES & LIMITATIONS
- APPENDIX 7: SOFTWARE CONFIGURATION
- APPENDIX 8: JAR 21 G – JAR 145 APPROVALS
- APPENDIX 9: F.O. 089 JTSO APPROVAL (ELTA ELT MODEL ADT 406 AF/AP)
- APPENDIX 10: TSO & JTSO APPROVALS (ELTA ELT RANGE)
- APPENDIX 11: USA REGISTRATION FORM EXAMPLE
- APPENDIX 12: STATEMENT OF CONFORMANCE
- APPENDIX 13: DEVIATION
- APPENDIX 14: EXTRACT OF QTP / QTR Ref. 02E66225 (First pages)