



April 14, 2003

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, Pa 15251-5315

Attn: Mr. Andy Leimer

Ref. ID: FCC ID B66-ACR-PLB100

Subj: Request for Type Acceptance of 406 MHz Satellite Personal Locator Beacon (PLB)

Dear Mr. Leimer:

FCC Type Acceptance is hereby requested for model ACR / PLB-100 Category 1, Class 1 406 MHz Satellite Personal Locator Beacon (PLB). Our check in the amount of \$675 is enclosed per your fee notice.

The PLB-100 is submitted for Type Acceptance under FCC Rules and Regulations Part 2 and 95. Requirements for such Type Acceptance were established by FCC Report and Order (WT Docket No. 99-366) adopted by the Commission on September 27, 2002 with erratum DA 03-187 published by Chief, Public Safety and Private Wireless Division on January 22, 2003.

Please note that Circuit Diagrams ACR Y1-01-0624, Y1-01-0629, Y1-01-0644 are hereby submitted as proprietary data (pursuant to 47 CFR 0.459 of the FCC rules) with proprietary legend marked on the diagrams.

I certify that the information submitted with this application was developed at my direction and are true and correct to the best of my knowledge.

Please call me directly for any additional information you may require regarding this matter.

Very truly yours,

John F. Flood
Vice President, Engineering

Encl. Form 731 Application Confirmation
Form 159 Remittance Advice
Check in the amount of \$675
Type Acceptance Application Report

Appendix 1 - Circuit Diagrams (ACR Y1-01-0624, Y1-01-0629, Y1-01-0644)

Appendix 2 - Instruction Manual

Appendix 3 - Assembly Drawings

Appendix 4 - Label Drawings

Appendix 5 - Photographs

Appendix 6 - Independent Lab Test Report (US Army, EPG)

Appendix 7 - Independent Lab Test Report (QC Metallurgical) 12/14/00

Appendix 8 - Independent Lab Test Report (QC Metallurgical) 3/17/99

Appendix 9 - USCG Acceptance Letter

Appendix 10 - Approval Certificates:

Cospas Sarsat

Industry Canada

Australian Communications Authority

Appendix 11 - RTCM Compliance Matrix

Appendix 12 - FCC Part 95 and Part 2 Compliance Matrix