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FCC TITLE 47 PART 95 COMPLIANCE CROSS REFERENCE

REQUIREMENTS, FCC PART 95 Paragraph	COMPLIANCE STATEMENT	Page
<p>95.1400 Basis and purpose. The rules in this subpart are intended to provide individuals in remote areas a means to alert others of an emergency situation and to aid search and rescue personnel locate those in distress. The effective date for the rules in this subpart will be July 1, 2003.</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 2.1, Responsible Use</p>	
<p>95.1401 Frequency. The frequency band 406.0-406.1 MHz is an emergency and distress frequency band available for use by Personal Locator Beacons (PLBs). Personal Locator Beacons that transmit on the frequency band 406.0-406.1 MHz must use G1D emission. Use of these frequencies must be limited to transmission of distress and safety communications.</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 8.2 Specifications</p>	
<p>95.1402 Special requirements for 406 MHz PLBs. (a) All 406 MHz PLBs must meet all the technical and performance standards contained in the Radio Technical Commission for Maritime (RTCM) Service document "RTCM Recommended Standards for 406 MHz Satellite Personal Locator Beacons (PLBs)," Version 1.1, RTCM Paper 76-2002/SC110-STD, dated June 19, 2002. This RTCM document is incorporated by reference in accordance with 5 U.S.C. 552(a), and 1 CFR part 51. Copies of the document are available and may be obtained from the Radio Technical Commission for Maritime Services, 1800 Diagonal Road, Suite 600, Alexandria,</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 8.2, Specifications</p>	

<p>Virginia 22314-2840. The document is available for inspection at Commission headquarters at 445 12th Street SW., Washington, DC 20554. Copies may also be inspected at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federalregister/codofllofederalregulations/ibrllocations.html.</p>		
<p>(b) The 406 MHz PLB must contain, as an integral part, a homing beacon operating only on 121.500 MHz and meeting all requirements described in the RTCM Recommended Standards document described in paragraph (a) of this section. The 121.500 MHz homing beacon must have a continuous duty cycle that can be interrupted only during the transmission of the 406 MHz signal. The 406 MHz PLB shall transmit a unique identifier (Morse code “P”) on the 121.500 MHz signals.</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 8.2, Specifications</p>	
<p>(c) Before a 406 MHz PLB certification application is submitted to the Commission, the applicant must have obtained certification from a test facility, recognized by one of the COSPAS/ SARSAT Partners that the PLB satisfies the standards contained in the COSPAS/SARSAT document COSPAS/ SARSAT 406 MHz Distress Beacon Type Approval Standard (C/S T.007). Additionally, an independent test facility must certify that the PLB complies with the electrical and environmental standards associated with the RTCM Recommended Standards.</p>	<p>Cospas-Sarsat Type Approved Certificate No. 179 Document No. E6557-CS dated 01/25/07, Intespace Laboratory</p> <p>All tests were conducted at an independent laboratory, Environment Associates Inc., Chatsworth, California</p> <p>Document No. 28061-0216905 dated 07/20/07 Test Report For Environmental Test Of the 406 MHz Satellite Personal Locator Beacons (PLB), Environment Associates Inc.</p>	
<p>(d) The procedures of Notification by the equipment manufacturer and Certification from either the Commission or designated Telecommunications Certification Body are contained in subpart J of part 2 of this chapter.</p>	<p>FCC type certification from a designated Telecommunications Certification Body</p>	
<p>(e) An identification code, issued by the National Oceanic and Atmospheric Administration (NOAA), the United States Program Manager for the 406 MHz COSPAS/SARSAT satellite system, must be programmed in each PLB unit to establish a unique identification for each PLB station. With each marketable PLB unit, the manufacturer or grantee must include a postage pre-paid registration card printed</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 1.3, Registration in the United States</p> <p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 1.1, Registration Importance</p>	

<p>with the PLB identification code addressed to: SARSAT Beacon Registration, NOAA, NESDIS, E/SP3, Room 3320, FB-4, 5200 Auth Road, Suitland, Maryland 20746-4303. The registration card must request the owner's name, address, telephone number, alternate emergency contact and include the following statement: "WARNING" failure to register this PLB with NOAA could result in a monetary forfeiture order being issued to the owner."</p>		
<p>(f) To enhance protection of life and property, it is mandatory that each 406 MHz PLB be registered with NOAA and that information be kept up-to-date. In addition to the identification plate or label requirements contained in §§ 2.925 and 2.926 of this chapter, each 406 MHz PLB must be provided on the outside with a clearly discernable permanent plate or label containing the following statement: "The owner of this 406 MHz PLB must register the NOAA identification code contained on this label with the National Oceanic and Atmospheric Administration (NOAA) whose address is: SARSAT Beacon Registration, NOAA, NESDIS, E/SP3, Room 3320, FB-4, 5200 Auth Road, Suitland, Maryland 20746-4303." Owners shall advise NOAA in writing upon change of PLB ownership, or any other change in registration information. NOAA will provide registrants with proof of registration and change of registration postcards.</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 1.3, Registration in the United States</p> <p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 4.3, Front label, back label, and name plate.</p> <p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 1.5, Change of ownership or contact information.</p>	
<p>(g) For 406 MHz PLBs with identification codes that can be changed after manufacture, the identification code shown on the plate or label must be easily replaceable using commonly available tools.</p>	<p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 4.1, Reprogramming at a service center.</p> <p>Document IM-451 Volume 2, Operation Manual for AK-451-PLB, paragraph 4.3.2</p>	

