



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

November 26, 2007

RE: FCC ID: L79AK-451_ATCB005656
Attention: SCOTT McCUTCHAN

I have a few comments on this Application. Please note that further comments may arise in response to answers provided to the questions below.

1. Please note that the 243MHz range for locator beacons is not a frequency under FCC control as it is a military frequency. As such a grant of authorization is not possible for this frequency range. While a grant note may be included, the actual frequency is not certified for use under FCC authorization. Please remove the 243MHz from the 731 form.
2. Please note that the COMPAS certificate embedded in the test report does not appear to be signed (see page 53 of part 1 report). Please explain and/or please provide a signed certificate.
3. Please overlay the mask from the associated RTCM documentation onto the spectral measurements in the report "FCC Test Report.pdf".
4. The test report "FCC Test Report.pdf" states that the device is an emergency locator beacon to locate aircraft. However, the rule part used is for Personal Locator Beacons under 95K. is 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". Please explain.
5. Please note that the power out of the device is not 5W at 406.028MHz but the actual measured power is 36.3dBm or 4.63W. Please reconcile the 731 power and the measured power and please.
6. Please note that 121.5MHz specifications IAW the RTCM requirements is 14 to 20dBm. Please note that the highest measured power out at this frequency is 19.5dBm but the 731 says 50mW (16.9dBm). Please also note that the manual says the power out of the device is up to 23dBm (200mW). Please reconcile the 731, test data and RTCM limits.

Dennis Ward

Dennis Ward
<mailto:dward@AmericanTCB.com>

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.