

## 4. TESTING

Routine testing of your PLB is recommended to ensure it is in good working order if needed, but please follow the guidance notes below on the frequency that tests should be carried out. Please remember that each test will reduce the battery capacity slightly and reduce the operation time of your PLB during an emergency.


### 4.1 Beacon test


 Pull antenna out fully before commencing the test. Retract the antenna after the test.


To test your PLB1 is functioning correctly, press and hold the **TEST** key for one second. The red LED will come on to indicate the switch is depressed, followed by the red LED flashing rapidly. The switch may now be released. After a delay, the strobe light will flash once and the indicator LED will flash to show the pass or fail status. *Note: This status indication is repeated a second time after a short delay.*

The number of green/amber flashes in each group indicates the battery status as shown in the table below.

Green / Amber Indicator. <i>Changes to Amber after 1 hour of use</i>		Red indicator
No of Flashes	No of Hours Use	Type of Failure
1 Flash	0 to 1hr (Green)	121.5MHz homer
	1 to 2hrs (Amber)	
2 Flashes	2 to 4hrs (Amber)	406MHz generation
3 Flashes	4 to 6hrs (Amber)	406MHz power amp
4 Flashes	6 to 8hrs (Amber)	Replace battery
5 Flashes	8 to 10hrs (Amber)	Other failure
6 Flashes	Over 10hrs (Amber)	

 Because the test transmits a short burst on the aircraft distress frequency of 121.5MHz, please only carry out this test in the first five minutes of each hour.

 It is recommended to test your PLB once a month.

 The amber test result is an electronic witness that indicates the battery has been used for over one hour or the allowed number of tests has been exceeded. The PLB will still operate normally in distress, but the battery should be replaced to ensure the full operating life when your PLB is needed.