

District Eleven (North) Auxiliary Operation Training Officer

AUXILIARY ACR PLB Monthly Inspection and Test

For use by Auxiliary members issued ACR PLBs within District Eleven North

Revised Nov 2014

This worksheet is intended to assist Auxiliary members in completing monthly inspections and test of ACR PLB. It is a supplement to U.S. Coast Guard Maintenance Procedure Cards and should be used in conjunction with the referenced MPCs. If you are not comfortable performing the monthly test contact the OTO.

Ref: (a) MPC RSS583042.0 PLB INSP/ACCEPT, 8/22/2012
(b) ACR ResQLink+ Users Manual

1. PLBs must be inspected prior to being placed into service and monthly while in service.

a. Read and understand the ACR ResQLink+ Users Manual before inspecting or testing the PLB.

2. Monthly PLB Inspection:

a. Inspect Velcro strap for the following:

- Wear.
- Security of attachment (refer to Figure 1).

b. Inspect PLB for the following:

- Cracks around screws or antenna.
- Inspect for loose or unstable antenna.

c. Inspect the PLB attachment to the BCSV. The PLB shall be attached to the webbing loop inside the lower left survival vest pocket using a sear cut, 42 inch length of Type I Nylon cord secured with a bowline and overhand knot on each end. Use only cord supplied by the OTO or Coast Guard unit. NOTE: Finished length of line from knot to knot shall be 36-inches or greater.

d. Check battery expiration date markings on the side of the PLB. Notify the OTO if the battery will expire within 1 year.

e. Check legibility of Member number marking on the PLB exterior. Renew if necessary.

f. If any discrepancies are noted remove the PLB from service and contact the OTO.

g. Notify FSO-OP of completed test per your Flotilla's procedures.

3. Monthly PLB self-test warnings and cautions:

- a. Read and understand the attached ACR ResQLink+ users manual.
- b. Conduct self-test within the **first 5 minutes** of any hour.
- c. When inspecting and conducting the monthly test on a PLB it is important to exercise extreme caution so as not to produce an inadvertent activation.

4. Perform self-test:

- a. Test PLB. Test ACR ResQLink+ PLB in accordance with Figure 2.
 - Attempt test procedures again if PLB fails test.
 - If the self test fails remove the PLB from service and contact the OTO.
 - If the self test passes but the battery is less than six months from expiration notify the OTO.
 - Ensure the FSO-OP or designated Flotilla member has been notified per your flotilla's procedures. Some units require monthly tests be reported, other units only require reports of failed tests.

5. Report results of the PLB Inspection and test to the OTO:

- a. Report any discrepancies or PLB failures to the OTO immediately.
- b. Report successful PLB testing and inspection prior to beginning operations each Spring. Reports should be made to the OTO via email. Reports must be made no later than May 1. Include the battery expiration date in the report and the intent to continue monthly testing and inspection while the PLB is in use.



Figure 1

1. Unclip the antenna latch from the case.

2. Move the antenna into the upright position.
3. Depress the "TEST" button for one full second.

Light Scheme	Light Meaning
	Self Test Passed
	Self Test Passed (Battery: <24 Hours)
	Self Test Fail
	Self Test Fail (Battery: <24 Hours)
	Battery Fail

Green Light will flash followed by a Second Long Green Light flash and the strobe light. This indicates a successful Basic Self Test.

If a red LED flashes at the completion of the Self-test, the beacon has failed.

Figure 2

