

District Eleven (North) Auxiliary Operation Training Officer

AUXILIARY McMurdo PLB Monthly Inspection and Test

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

Revised Nov 2014

This worksheet is intended to assist Auxiliary members in completing monthly inspections and test of McMurdo 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) McMurdo PLB Users Manual

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

a. Read and understand the McMurdo Fastfind Users Manual before inspecting or testing the PLB.

2. Monthly McMurdo Fastfind/Plus/Max-G PLB Inspection:

a. Inspect PLB case for the following:

- Cracks
- Damage

b. Inspect lanyard securing tag for cracks and damage:

- Contact OTO for replacement lanyard securing tag, if required.

c. Check battery expiration date markings on the back of PLB battery cover.

- Contact OTO if battery is expired or will expire within the next 60 days.
- Restore expiration date using marker, if faded or missing.

d. Check hook fastener tape installed on the back of the battery cover for the following:

- Wear.
- Security of attachment.
- Replace hook fastener tape, if required. OTO can provide.

e. Check legibility of field number marking on PLB exterior, restore if needed.

f. 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.

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

h. 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 McMurdo Fastfin/Plus/Max-G 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.

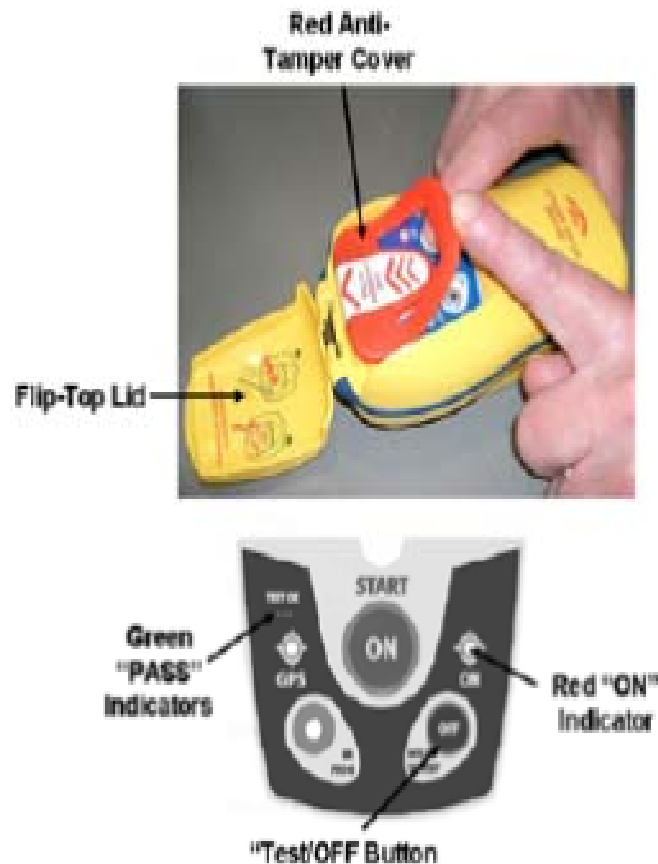
5. Report results of the PLB Inspection and test to the OTO:

- 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.



HOOK FASTENER TAPE

Figure 1



1. Open flip-top lid.
2. Slide finger under the handle of the red anti-tamper cover to locate the **TEST/OFF** button.
3. Press and hold the **TEST/OFF** button for 10 seconds.
4. Self-Test pass is indicated by illuminated green indicator lights under **"TEST OK"** along with an audible alarm buzzer.
5. PLB will switch itself off after a successful self test.
6. Test fail is indicated by the three flashes of the red **"ON"** indicator light.

SELF-TEST (MCMURDO FASTFIND/PLUS/MAX-G)

Figure 2

