

INCH-POUNDMIL-L-81745B(AS)
AMENDMENT 2
30 April 1990
SUPERSEDING
AMENDMENT 1
9 January 1986

MILITARY SPECIFICATION

LAUNCHER CONTAINER, "A" SIZE SONOBUOY
LAU-126/A

This amendment forms a part of MIL-L-81745B, dated 26 September 1985, and is approved for use by the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Top right, document identifier: Delete "MIL-L-81745B" and substitute "MIL-L-81745B(AS)" and add "(AS)" to document identifier top center of all remaining pages.

* Top right, above document identifier: Add the words "INCH-POUND" and place in a rectangular box.

PAGE 2

- * 2.1.2, under DOCUMENTS, Naval Weapons Support Center, Crane, IN: Delete

"STF-TP-101, Vol III	Manual of Sonobuoy Test Procedures, "A" Size Store Packaging Test Procedures"
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- * 2.1.2, under DOCUMENTS, Naval Avionics Center, Indianapolis, IN: Add

"NAC TP 622, Vol V	Sonobuoy Test Operations Manual, Sonobuoy Receiving Warehouse, Operations And Responsibilities"
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- * 2.1.2, under DRAWINGS, Naval Avionics Center, Indianapolis, IN: Delete

"NAVAIR 1458AS120	SLC Internal Interface"
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- * 2.1.2, under DRAWINGS: Delete

"Naval Air Development Center, Warminster, PA TE21077	Envelope Control Drawing for "A" Size Store Launcher Systems"
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- * 2.1.2, under DRAWINGS, Naval Avionics Center, Indianapolis, IN: Add

"NAVAIR 3065AS100	Envelope Control Drawing for "A" Size Store Launcher Systems"
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AMSC N/A FSC PACK
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MIL-L-81745B(AS)
AMENDMENT 2

PAGE 6

- * 3.4.1.3, line 3: Delete "+160°F" and substitute "+160°F"

PAGE 7

- * Add as new paragraph 3.4.2.4:

"3.4.2.4 Corner drop, accelerated handling. (Note: This paragraph applies only when the store weighs 30 pounds (13.6 Kg) or less.) With sonobuoy or equivalent dummy store installed and stabilized at a temperature of 75°F ± 10°F (23.9°C ± 5.5°C), the SLC shall be dropped from a height of 22 inches (55.9 cm) with the muzzle end down and at a 15° ± 5° angle to the vertical onto a flat concrete surface. The SLC shall be accelerated by gravity and shall contact the concrete surface on its end at the angle indicated. During the test the SLC shall be allowed to bounce to a halt, but tipover onto the breech end is not required. After the drop the SLC shall remain completely intact including the muzzle cap and its parts. The retention mechanism may be deformed by the drop, but longitudinal displacement of the muzzle cap from the muzzle end shall be less than 0.13 inch (0.33 cm). The SLC and its component parts shall not break or crack, but stress whitening of the muzzle and muzzle cap is allowed. Note: This is an SLC test only, and store function or test thereof is not required following the test."

3.4.3.4: Delete all 4 lines. Redundant to 3.4.3.4 on page 8.

PAGE 8

- * 3.4.3.4, line 4: Delete "JAU-1/B" and substitute "JAU-22/B"
- * 3.5.1, line 5: Delete "JAU-1/B initiator, a"
- * 3.5.1, line 7: Delete "STF-TP-101" and substitute "NAC TP 622"

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First paragraph (unnumbered), line 1: Delete "seconds duration are permitted" and substitute "3.5.1.2 Launching. The muzzle cap release mechanism shall yield during launch to the force transmitted through the store. The reactive load on the aircraft launch tube structure shall be not greater than 2,000 pounds (8,896 N). Transient loads not greater than 3,500 pounds (15,568 N) and 4 milliseconds duration are permitted."

- * 3.6.1, line 7 and line 12: Delete "TE21077" and substitute "3065AS100"
- * 3.6.1, line 8: Delete "1458AS120" and substitute "3065AS100"

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- * 3.6.4, line 4: Delete "1458AS120" and substitute "3065AS100"
- * 3.6.5, line 2: Delete "JAU-1/B or"
- * 3.6.5, 3.6.5.1, 3.6.5.2, 3.6.5.4, 3.6.5.5, and 3.6.6: Delete "TE21077" and substitute "3065AS100"