

MILITARY SPECIFICATION

CRADLES, AIR LAUNCHED WEAPONS

This amendment forms a part of Military Specification MIL-C-81313(WP), dated / September 1965, and is approved for use within the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

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First line, delete "MIL-C-81313(HP) and substitute: "MIL-C-81313 (AS)".

Fourth line, delete from the title "AND STACKING FRAMES".

1.1 Scope, second line, delete "four" and substitute: "three", and, in the third and fourth lines, delete "and two types of Cradle Stacking Frames for use with the above Cradles".

1.2 Classification, delete the following:

- a. "Cradle, Multiple Bomb, MHU-62/E"
- b. "Stacking Frames"
- c. "Frame, Stacking, Small, MHU-64/E"
- d. "Frame, Stacking, Large, MW=66/E"

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2.1. under STANDARDS, delete title of MIL-STD-810 and substitute: "Environmental Test Methods and Engineering Guidelines".

2.1, under DRAWINGS, revise as follows:

- a. Delete "BUREAU OF NAVAL WEAPONS" and substitute: "NAVAL AIR SYSTEMS COMMAND (NAVAIR)"
- b. Delete "List of Drawings 620935" and substitute: "DL 2560370".
- c. Delete "List of Drawings 620936 Cradle, Multiple Bomb, MHU-62/E"
- d. Delete "List of Drawings 620938" and substitute: "DL 2560340".

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2.1, under DRAWINGS, revise as follows:

- a. Delete "List of Drawings 620939" and substitute: "DL 2560341".
- b. Delete "List of Drawings 620942" and "List of Drawings 620943" and their titles.

3.1 Construction, delete paragraph in its entirety and substitute: "The Cradles shall, as applicable, be manufactured in strict accordance with the following NAVAIR Data Lists and all documents listed therein:

Cradles

MHU-61/E	DL 2560370
MHU-63/E	DL 2560340
MHU-65/E	DL 2560341"

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3.2.1.1 Weight, second line, delete "not exceed" and substitute: "be not greater than" and, on the fourth line, delete "MHU-62/E 195 pounds".

3.2.1.2 Tie--down straps, delete the paragraph in its entirety and substitute: "AS shown on applicable drawings, all cradles shall be furnished with tie-down straps with quick-release buckles. The capacity of the tie-down straps shall be not less than 4000 pounds."

Delete "3.2.1 .3.1 MHU-62/E" and its paragraph in its entirety.

Delete "3.2.1.3.2" and substitute: "3.2.1.3.1". On the fourth, fifth, and sixth lines, delete "Further, these cradles shall be capable of receiving MHU-64 Small Stacking Frames for purposes of stacking loaded Cradles three high".

Delete "3.2.1.3.3" and substitute: "3.2.1.3.2".

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3.2. 1.3.2 MHU-65/E, on the second, third, and fourth lines delete "Further, these Cradles shall be capable of receiving MHU-66/E Large Stacking Frames for purposes of stacking loaded Cradles two high".

Delete "3.2.1.3.4" and substitute: "3.2.1.3.3".

Delete "3.2.2 Stacking frames", "3.2.2.1 Weight", "3.2.2.2 Locking device", "3.2.2.3 Stacking Frame/Cradle configurations", "3.2.2.3.1 MHU-64/E", and "3.2.2.3.2 ~HU-66/E" and their associated paragraphs in their entirety.

3.4 Environmental requirements, second line, delete "and Stacking Frames".

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3.4, on the sixth line, delete "507.1 Standard" and substitute: "507.2" and, on the eighth line, delete "510.1 Standard" and substitute: "510.2".

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4.2.1 Preproduction tests, second and third lines, delete ("i.e., Cradle or Stacking Frames)" and substitute: "of cradle".

4.2.2 Acceptance tests, second line, delete "and Stacking Frame".

4.3.1 Test conditions, second line, delete "and Stacking Frames".

4.3.2 Examination, first line, delete "and Stacking Frames".

Delete "4.3.2.1 Classification of Defects" and its paragraph in its entirety.

Delete "4.3.2.2" and substitute: "4.3.2.?". On the second line, delete "or Stacking Frame".

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Delete "4.3.3.1 MHU-62/E" and its paragraph in its entirety.

Delete "4.3.3.2" and substitute: "4.3.3.1".

Delete "4.3.3.3" and substitute: "4.3.3.2".

Delete "4.3.3.4" and substitute: "4.3.3.3".

Delete "4.3.4 Stacking Frames/Cradle configuration tests", "4.3.4.1 MHU-64/E", and "4.3.4.2 MHU-66/E" and their associated paragraphs in their entirety.

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Delete "4.3.5" and substitute: "4.3.4". On second line, delete ("see 4.3.3,4)" and substitute: "(see 4.3.3.3)".

4.4 Cradle compatibility-tests, second, third, eleventh, and twelfth lines, delete: "and Stacking Frames".

4.5 Environmental testing, second and third lines, delete "and Stacking Frames".

4.5.1 High temperature, first, second, third, and sixth lines, delete "and Stacking Frames".

4.5.2 Low temperature, first, second, third, and sixth lines, delete "and Stacking Frames".

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4.5.3 Humidity, first, second, and fifth lines, delete "and Stacking Frames". On the second and third lines, delete "507.1, Standard" and substitute: "507.2,".

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4.5.4 Sand and dust, first, second, fourth, and fifth lines, delete “and Stackin frames”. On the third line, delete “510.1, Standard” and substitute: “510.2, “.

Delete “5, PREPARATION FOR DELIVERY” and substitute: “5. PACKAGING”.

5.1.1.1 Cleaning and drying, first and second lines, delete “and Stacking Frames”.

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Delete “5.1.1.3.2” and “5.1.1.4.2” and their paragraphs in their entirety.

5.1.2.1 and 5.1.2.2, first and second lines, delete "and Stacking Frames”.

5.1.2.3 Unit packaging, first and second lines, delete “and Stacking Frame”.

5.2 Marking, second and third lines, delete “and Stacking Frames”.

6.1 Intended use, first and second lines, delete “and Stacking Frames”.

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6.2 Ordering data, revise as follows:

- a. In (c), delete “and Stacking Frames”
- b. Delete “(f)” and its paragraph in its entirety.
- c. Delete “(g)” and substitute: “(f)”.
- d. Delete “(h)” and substitute: “(g)”.
- e. Delete “(i)” and substitute: “(h)”.
- f. Delete “(j)” and substitute: “(i)”.

Add the following paragraph:

“6.3 Subject term (key word) listing.

Cradles, air launched weapons
Cradle, large universal, MHU-65/E
Cradle, sidewinder, MHU-61/E
Cradle, small, universal, MHU-63/E”

Last line, delete "BuWeps" and substitute: “AS”.

Preparing activity:
Navy - AS
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