

MIL-H-45374D (AR)
AMENDMENT 2
29 March 1991
SUPERSEDING
AMENDMENT 1
22 December 1988

MILITARY SPECIFICATION

HOWITZER, MEDIUM, SELF-PROPELLED: 155MM, M109
M109A1, M109A1B, M109A2 AND M109A3

This amendment forms a part of Military Specification MIL-P-45374D (AR), dated 29 January 1988, and is approved for use by the U.S. Army Armament Munitions and Chemical Command, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

End of the Title paragraph: Add the following:

"Howitzer, Medium, Self-Propelled: 155MM, M109A5"

PAGE 2

2.1.1 Military Specifications: Add the following:

"MIL-C-70822 - Cannon, 155MM, Howitzer: M284
MIL-M-70821 - Mount, Howitzer, M182

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2.1.2 Other Government documents, drawings and publications:
Add the following:

"12910870 - Howitzer, Medium, Self-Propelled:
155MM, M109A5"

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3.4 Construction: At the end of the last sentence, add:

", 12910870 for M109A5."

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3.4.2.2 Flotation kit: At the end of the last sentence, add:

"or M109A5 vehicles."

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3.6.10.2 Flotation operation: At the end of the last sentence, add:

"and M109A5 vehicles."

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* 3.6.16.7 Delete in its entirety and substitute the following:

"3.6.16.7 Hydraulic fluid. When all the requirements of the cab and weapon control system specified herein have been met, the hydraulic fluid in the hydraulic system shall contain not more than 500 PPM water and not more than 50 PPM solvent content. The fluid shall meet the cleanliness requirements of MIL-STD-1246, Level 200 (see 6.4.3). The contractor shall maintain a permanent record by vehicle serial number with the results of this test for further use and reference by the Government."

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3.6.18 Mount: After first sentence, add:

"The M182 weapon mount shall conform to MIL-M-70821"

3.6.20 Rammer systems: At the end of table, add:

"M109A5 K12012186 C12012207"

3.6.22 Cannon: At the end of the paragraph, add:

"The M284 155MM howitzer cannon shall conform to MIL-C-70822."

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4.1.3 Parts and components: At the end of paragraphs, add:

"and 12910870 for the M109A5."

4.1.4 Inspection equipment: At the end of the first sentence, after M109A3, add:

"EL 12910870 for M109A5."

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Table VI. Location for tests: At the end of the Note, add:

"or M109A5."

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Table VI. Location for tests: At the end of the Note, add:

"or M109A5."

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4.5.1.22.2 Flotation test: At the end of the last sentence, add:

"or M109A5 vehicle."

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4.5.1.25.4 Horizontal deflection of panoramic telescope test.
Delete in its entirety.

4.5.1.25.5 Accuracy of elevation counter check: Last sentence, change "the elevation connection counter" to "the elevation correction counters."

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4.5.2.7 Flotation operational test: At the end of the last sentence, add:

"and M109A5 vehicle."

The margins of this amendment are marked with an asterisk or vertical lines to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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Preparing activity:
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