

MIL-G-25308B(USAF)  
AMENDMENT 2  
21 October 1974  

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SUPERSEDING  
AMENDMENT 1  
27 April 1972

MILITARY SPECIFICATION

GAGE, PRESSURE, DIAL INDICATING, HYDRAULIC  
TYPE ME-1

- \* This amendment forms a part of Military Specification MIL-G-25308B(USAF) dated 2 December 1971 and has been approved by all Departments and Agencies of the Department of Defense.
- \* Page 1, Paragraph 2.1 under "SPECIFICATIONS, Military, MIL-P-116 and MIL-C-5541" change to read:

"MIL-P-116 MIL-C-5541	Preservation-Packaging, Methods of Chemical Conversion-Coatings on Aluminum and Aluminum Alloys".
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- \* Page 2, Paragraph 2.1 under "STANDARDS, Military, MS28105". Change to read:

"MS28105	Cover Glass, Aircraft Instrument Dial".
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- "(Copies..." should read:
  - \* (Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific functions should be obtained from the procuring activity or as directed by the contracting officer.)"
  - \* Paragraph 3.3.3 Metals, line 2: Delete "spray" and substitute "fog".
  - \* Page 4, Paragraph 3.5.a: Change temperatures to read: "-54° to +100°C (-65° to +212°F)" and "-65° to +145°C (-85° to 293°F)".
  - \* Paragraph 3.5.c: Change temperature to read: "-55°C (-67°F)".
  - \* Table I, column 3, heading: Change temperature to read: "100°C (212°F)".
  - \* Table I, column 4, heading: Change temperature to read: "145°C (293°F)".

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Page 5, Table II, column 3, heading: Between "Tolerance" and "PSI", insert " $\pm$ ".

- \* Paragraph 3.7 line 5: Delete "flat" and substitute "lusterless".
- \* Page 7, Paragraph 3.13.1 line 1: Insert "lusterless" between "be" and "white".
- \* Paragraph 3.13.2 line 5: Insert "lusterless black" between "to" and "color".
- \* Paragraph 3.14 line 3: Change "2000" to read "2,000".
- \* Paragraph 3.14.1 line 1: Insert "lusterless white" between "in" and "color".
- \* Paragraph 3.14.1.1 line 4: Insert "lusterless black" between "with" and "color".
- \* Page 9, Paragraph 4.3.1 line 4: Change temperature to read: "25°C (77°F)".
- \* Page 11, Paragraph 4.5.2.2 line 1: Delete "3" and substitute "three".

Add Paragraphs:

"4.5.2.3 Rejection and retest. When one gage selected from a production run fails to meet the specification, no gages on hand or later produced shall be accepted until the extent and cause of failure have been determined.

4.5.2.3.1 Individual tests may continue. For operational reasons, individual tests may be continued pending the investigation of a sampling test failure. But final acceptance of gages on hand or later produced shall not be made until it is determined that gages meet all the requirements of this specification.

4.5.3 Defects in items already accepted. The investigation of a test failure could indicate that defects may exist in gages already accepted. If so, the contractor shall fully advise the procuring activity of all defects likely to be found and methods of correcting them."

- \* Page 12, Paragraph 4.6.5 line 2: Change temperature to read: "-54°  $\pm$ 2°C (-65°  $\pm$ 4°F)". Also add the following last sentence: "The gage shall be returned to room temperature for a minimum of 4 hours and subjected to scale error test. The scale errors shall not exceed the tolerances specified in table I, for room temperature."

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- \* Paragraph 4.6.6 line 2: Change temperature to read: "100° ±2°C (212° ±4°F)". Also add the following last sentence: "The gage shall be returned to room temperature for a minimum of 4 hours and then subjected to the scale error test. The scale errors shall not exceed the tolerances specified in table I, for room temperature."
- \* Paragraph 4.6.8 line 3: Change temperature to read: "-55°C (-67°F)".
- \* Paragraph 4.6.9 line 3 and line 5: Change temperatures to read: "-65° ±2°C (-85° ±4°F)" and "-54° ±2°C (-65° ±4°F)".

Page 13, Paragraph 4.6.10 line 2: Change temperature to read: "145° ±2°C (293° ±4°F)". Also after first sentence add: "The gage shall then be subjected to the scale error test. The scale errors shall not exceed the tolerances specified in table I for high temperature exposure."

Paragraph 4.6.15 line 5: Delete "table I" and substitute "table II".

- \* Page 14, Paragraph 4.6.16.1 lines 8, 9, and 10: Change temperatures to read: "-20°C (-40°F)", +50°C (+122°F), 5°C (41°F), +50°C (+122°F), -20°C (-4°F), -20°C (-4°F)". Also line 16: Change "perpare" to read "prepare".

Identification of changes. The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This has been 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 issue.

Custodian:  
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Preparing activity:  
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Review activity:  
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