

MIL-C-5604B  
AMENDMENT 3  
6 July 1979  
SUPERSEDING  
AMENDMENT 2  
15 May 1973

## MILITARY SPECIFICATION

### COMPASS; MAGNETIC, PILOT'S STANDBY

This amendment forms a part of Military Specification  
MIL-C-5604, dated 13 September 1962.

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Add to bottom of page:

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commanding Officer, Naval Air Engineering Center, ESSD, Lakhurst, NJ 08733, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document, or by letter

#### 2.1 Under Specifications:

##### Military:

Delete "MIL-P-116 Preservation, Method of" and substitute "MIL-P-116 Preservation - Packaging, Methods of".

Delete "MIL-C-5541 Chemical Films for Aluminum and Aluminum Alloys" and substitute "MIL-C-5541 Chemical Conversion Coatings on Aluminum and Aluminum Alloys".

Delete "MIL-P-7936 Parts and Equipment, Aeronautical, Preparation for Delivery".

Add "MIL-C-25050 Colors, Aeronautical Lights and Lighting Equipment, General Requirements for"

Delete "MIL-D-70327 Drawings, Engineering and Associated Lists" and substitute "MIL-D-1000 Drawings, Engineering and Associated Lists".

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Under Standards:

Military:

Add "MIL-STD-794 Parts and Equipment Procedures for Packaging and Packing of".

Add "MIL-STD-889 Dissimilar Metals".

Delete "MS25237 Lamp - Incandescent, T - 1 3/4 Bulb, Midget Flange Base" and substitute "MS25237 Lamp, Incandescent, Single Compact Midget Flanged Base (T 1 - 3/4 Bulb)".

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Delete parenthetical source paragraph in its entirety and substitute the following:

"(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer,)"

3.1 Delete paragraph in its entirety and substitute:

"3.1 First Article. When specified (see 6.2), the contractor shall furnish sample unit(s) for first article inspection and approval (see 4.3.1 and 6.2)."

3.3 Materials - Add the following sentence at end of the paragraph:

"The use of reclaimed materials in the manufacturing of the compass shall be encouraged to the maximum extent possible."

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3.3.2.1 Dissimilar metals. Delete "MS33586" and substitute "MIL-STD-889".

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Delete 4.1, 4.2, 4.3, and 4.3.1, and substitute the following:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise

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specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements."

"4.2 Classification of inspection. The inspection of the compass shall be classified as follows:

- (a) First article inspection (4.3)
- (b) Quality conformance inspection (4.4)"

"4.3 First article inspection. First article inspection shall consist of all the examinations and tests of this specification."

"4.3.1 First article samples. Unless otherwise specified, as soon as practicable after award of a contract or order, the manufacturer shall submit three compasses of each part number for first article testing. The samples shall be representative of the construction, workmanship, components, and materials to be used during production. When a manufacturer is in continuous production of these compasses from contract to contract, submission of further first article samples on the new contract may be waived at the discretion of the procuring activity (see 6.2). Approval of the first article samples or the waiving of the first article inspection does not preclude the requirements of submitting to the quality conformance inspection. The first article samples shall be furnished to the Government as directed by the contracting officer (see 6.2). Each sample size shall be plainly identified by a securely attached durable tag marked with the following information:

Sample for first article  
Submitted by (name) (date) for  
tests in accordance with the  
requirements of specification  
MIL-C-5604B under authoriza-  
tion (reference letter author-  
izing test)  
COMPASS, MAGNETIC, PILOT'S STANDBY  
Manufacturer's Part No.  
MS Part No.  
Name of manufacturer"

"4.3.1.1 Upon completion of the first article inspection, all the applicable inspection reports and when applicable, recommendations and

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comments pertinent for use in monitoring production will be forwarded to the Government quality assurance representative. The samples may be consumed or destroyed in the first article inspection and shall not be considered as part of the quantity to be delivered under contract (see 6.2)."

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4.4 Delete in its entirety and substitute the following:

"4.4 Quality conformance inspection The quality conformance inspections of the compass shall consist of the individual tests and the sampling plans of this specification.

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5. Delete title "PREPARATION FOR DELIVERY" and substitute "PACKAGING".

5.1 Packaging. Delete "MIL-P-7936" and substitute "MIL-STD-794".

5.2 Packing. Delete "MIL-P-7936" and substitute "MIL-STD-794".

5.3 Marking. Delete "MIL-P-7936" and substitute "MIL-STD-794".

6.2 Ordering data. Add subparagraph (h) as follows:

(h) Whether first article inspection is required and where the samples should be delivered (4.3.1 and 4.3.1.1).

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6.3 Delete in its entirety and substitute the following paragraph:

"6.3 Contract data requirements. When this specification is used in a procurement which incorporated a DD form 1423 and invokes the provisions of 7-104.9(n) of the Defense Acquisition regulations, the data requirements identified below will be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved Contract Data Requirements List (DD Form 1423) incorporated into the contract. When the provisions of DAR-7-104.9(n) are not invoked, the data specified below will be delivered by the contractor in accordance with the contract requirements. Deliverable data required by this specification is cited in the following paragraph:

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Paragraph	Data Requirement	Applicable DID
4.3.1.1	First Article Inspection Reports	DI-T-5329 - Inspection Test Reports
Custodians:		Preparing Activity:
Army - AV		Navy - AS
Navy - AS		(Project No. 6605-0295)
Air Force - 99		