

**MIL -M -008910A(AS)
AMENDMENT 2**

14 April 1977

**Superseding Amendment 1
29 October 1971**

MILITARY SPECIFICATION
MANUALS, TECHNICAL: ILLUSTRATED PARTS BREAKDOWN,
PREPARATION OF

This amendment forms a part of MIL-M-008910A(AS), dated 7 February 1968.

Page 1, paragraph 2.1. Delete and substitute:

2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATIONS

Military

MIL -M -38784

Manuals, Technical: General Requirements for Preparation of

PUBLICATIONS

Military

**Department of Defense
Cataloging Handbook,
H4-1 and H4-2**

**Federal Supply Code for
Manufacturers**

(Copies of documents, other than specifications and standards required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer. Specifications and standards are available from the U. S. Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, Pa. 19112.)

TMSS

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Page 1, paragraph 3.1. Delete and substitute:

3.1 Manner and form of preparation. - The illustrated Parts Breakdown shall be prepared in accordance with the format of figures 1 through 25, except as modified herein. It shall be prepared in the form (reproducible copy, negatives, printed copies, etc.) specified in the contract. Except as specifically provided herein, the preparation of reproducible copy shall be in accordance with MIL-M-38784. Reproducible copy prepared by electric accounting machine (EAM) is acceptable provided such copy conforms to the applicable requirements of MIL-M-38784 for preparation, correction, mechanical assembly, and reproducibility. Large Illustrated Parts Breakdowns for major end articles, such as missiles or aircraft, may be prepared in a series of separate volumes, each covering a functional system or major component of the end article; for example: VOL 1 Numerical Index, VOL 2 Structure, VOL 3 Power Plant and Fuel System, VOL 4 Hydraulic and Pneumatic Power Systems, VOL 5 Electronic System, etc. The contractor shall submit a proposed volume organization to the procuring activity for approval before proceeding."

Page 2, paragraph 3.1.1, line 8. Delete "MIL-H-5474" and substitute "MIL-M-38784."

Page 2, paragraph 3.1.2, line 4. Delete "MIL-H-5474" and substitute "MIL-M-38784."

Page 2, add new paragraph 3.1.3:

"3.1.3 Type size - Text shall be ten to eleven point except on illustrations. Text on illustrations shall not be less than seven point. If oversize sheets are used the above type sizes apply after the sheet has been photographically reduced to manual size."

Page 2, paragraph 3.4 (d). Delete and substitute:

"(d) One of these statements, as applicable:

(1) Definitions and explanation of Source, Recoverability/ Accountability and Kit Codes used in the Numerical Index of the Manual are contained in BUWEPS INST 4423.2.

(2) Definitions and explanation of Source, Recoverability/ Accountability and Kit Codes and Source, Maintenance and Recoverability (SM&R) Codes used in the Numerical Index of the manual are contained in BUWEPS INST 4423.2 and NAVAIR INST 4423.3. The distinguishing characteristic of the new SM&R Codes is the use of five consecutive positions (digits).

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(3) Definitions and explanation of Source, Maintenance and Recoverability (SM&R) Codes used in the Numerical Index of the Manual are contained in NAVAIR INST 4423.3."

Page 4, paragraph 3.5.1.2, lines 5 and 6. Delete "MIL-H-5474" and substitute "MIL-M-38784."

Page 6, paragraph 3.5.1.4.3 - insert subparagraph e.

"(e) Detail parts of assemblies coded nonrepairable/consumable."

Page 7, paragraph 3.5.1.4.4.11. Delete first sentence and substitute: "Type and model numbers for equipment of Navy Commands, such as Naval Air Systems Command, Naval Ordnance Systems Command, shall not be listed in the Part Number Column."

Page 8, paragraph 3.5.1.5.1. Delete and substitute:

"3.5.1.5.1 Assignment of index numbers. - Index numbers shall be assigned to all parts having maintenance or supply significance, except as noted below. Index numbers shall be assigned to the parts listing first and then transposed to the figure, to insure that the index numbers fall in sequence in the breakdown. When the same part appears more than once in an illustration and it is necessary to list it more than once in the breakdown, it shall be assigned a different index number for each listing. To eliminate the necessity of remembering all the index numbers that follow, parts that are added to a listing by change may be assigned suffixed numbers such as 2A, 2B, 2C, etc. This system may also be used in basic manuals (initial issues) and revisions when errors are discovered so late in preparation that renumbering of all following index numbers would delay submittal."

Page 9, paragraph 3.5.1.8.5. Delete first sentence and substitute: "Abbreviations shall be in accordance with the requirements of MIL-M-38784."

Page 10, paragraph 3.5.1.8.7. Delete and substitute:

"Make from instructions. - When a part has been source coded MO, MF, MH and MG by the procuring activity, the raw (bulk) stock from which the part is to be made will be listed. This listing will be preceded by the words "MAKE FROM."

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Page 11, paragraph 3.5.2, line 2. Delete "MIL-H-5474" and substitute MIL.-M-38784 except as specified herein."

Page 11, paragraph 3.5.2.1. Delete title and first sentence and substitute:

"3.5.2.1 Photographs/Halftones. - Photographic (halftones) artwork shall not be used. When a photograph serves the purpose of an illustration, a line tracing of the photograph may be used. When a photographic line tracing is prepared, proper delineation of line work shall replace photo-retouching. The subject matter shall be highlighted while the background, depicting items necessary for reference, is subdued."

Page 12, paragraph 3.5.2.8, line 5. Change "MIL-H-5474" to "MIL-M-38784."

Page 13, paragraph 3.6.1, line 1. Change "Three" to "Two".

Page 13, paragraph 3.6.2. Delete the entire subparagraph under e.

Page 13, paragraph 3.6.2b delete and substitute:

"(b) That appears in the approved provisioning Parts Breakdown except as noted in paragraph 3.5.1.4.3e."

Page 14, paragraph 3.6.4. Delete last sentence and substitute:

"Codes to be included, when and if assigned, are:

- (a) Source, Accountability/Recoverability and Kit Codes assigned in accordance with BUWEPS INST 4423.2, or
- (b) Source, Maintenance and Recoverability Codes assigned in accordance with NAVAIR INST 4423.2."

Page 14, paragraph 3.7.1, line 1. Change "Three" to "Two."

Page 14, paragraph 3.7.2. Add "When an Illustrated Parts Breakdown covers more than one system, the designation of the system shall follow (in paranthesis) the reference designation, e.g. C101(ALQ 100), C102 (ARN 52)."

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Page 14, paragraph 4.1 Change "MIL-H-5474" to "MIL-M-38784,"

Page 40, Figure 24. Remove existing figure 24 and replace with attached figure 24.

Page 41, Figure 25. Remove existing figure 25 and replace with attached figure 25.

Page 44. Under P change: "Photographs and line drawings" to "Photographs/Halftones".

Page 44. Under T add: "Type size 3.1.3".

Custodian:

Navy. - AS

Preparing activity:

Navy. - AS

Project No. TMSS N064

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NAVAIR 00-000-0					
PART NUMBER	FIGURE & INDEX NUMBER	CODES	PART NUMBER	FIGURE & INDEX NUMBER	CODES
INDICATOR, SYNC	5-41-6	P1 C	735268	4-18-5	P10GD
INDICATOR, THER	6-36-3	P10GD	7532432	8-2-9	MG0GG
M8860-4	2-4-2	P1 C	768992	6-12-18	P1000
T276431-7	3-16-13	P1 R	8002345-8	5-3-7	P10GD
1237968-88	6-29-5	P2DDD	8267531	9-27-6	P2DDD
65832-1	5-27-16	P1020	8462468	3-7-21	P60Z0
6974362	2-12-7	P6020	932797635	3-22-6	MG00G
71364297	3-19-46	KDC	984239627	5-9-22	KD
3-11					

Figure 24. Typical Numerical Index Page

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NAVAIR 00-000-0					
REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	PART NUMBER	REFERENCE DESIGNATION	FIGURE AND INDEX NUMBER	PART NUMBER
C101	10	8313415-515	C6008	17-11	AN64279-1
C102(ARC55)	14	8313415-527	C6101	22-16	5687394
C103	24	8313415-516	C6102	19-4	263945-100
C201	23	8513412-527	C6201	31-17	853629-411
C202(ARN52)	11	8764319-502	C6305	5-9	187695-1001
C301	22-11	8513412-529	C6306	8-22	27952297
C401	47-10	8679315-501			
C102	30-13	8313415-502			
C604 thru C606	22-8	8313415-511			

Figure 25. Typical Reference Designation Index Page