

MIL-T-7081D
AMENDMENT-5
5 June 1973
Superseding
AMENDMENT-4
23 June 1971

MILITARY SPECIFICATION

TUBE, ALUMINUM ALLOY, SEAMLESS, ROUND, DRAWN 6061
AIRCRAFT HYDRAULIC QUALITY

This amendment forms a part of Military Specification
1 MIL-T-7081D, 2 November 1965, and has been approved by
the Department of the Air Force and by the Naval Air
Systems Command.

Page 2, Table I: Opposite "Chromium" delete minimum percent "0.15"
and substitute "0.04".

Page 2, paragraph 3.2.1: Delete and substitute:

"3.2.1 Tensile strength. The tensile properties parallel to the
direction of drawing shall conform to table II."

Page 2, Add:

"3.2.1.1 Heat treatment. Heat treatment shall be in accordance with
MIL-H-6088."

Page 4, 3.2.4.1, line 6: Add "and when tested as specified in 4.4.3.4."

Page 4, paragraph 3.6: Delete and substitute:

"3.6 Marking for identification. All tubing 3/16 inch and greater
in diameter shall be marked with ink which is resistant to water and
lubricating oil. Tubing shall be marked in accordance with
FED-STD-184. Additional marking shall include the following:

MIL-T-7081D
Lot Number
Manufacturer's Name or Trademark

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Page 5, paragraph 4.3.2.1, last sentence: Delete and substitute:

"Complete ingot analysis records shall be available to the producer's cognizant Government quality assurance representative."

* Page 6, paragraph 4.3.3.2: Delete and substitute"

"4.3.3.2 Samples for flaring test. Each length of tubing shall be tested."

* Page 7, paragraph 4.4.3.4: Delete and substitute:

"4.4.3.4 Flaring test. One end of each tube length (or specimen cut from each tube) shall be flared at room temperature to produce the tubing flare configuration specified in MS33584."

* Identification of changes. The margins of this specification are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue 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 latest previous issue.

Custodians:

Air Force - 11

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Preparing activity:

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Project No. 4710-0316

User activity:

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