

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.

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