

## MILITARY SPECIFICATION

HYDRAULIC SYSTEMS, AIRCRAFT, TYPES I AND II,  
DESIGN AND INSTALLATION REQUIREMENTS FOR

This amendment forms a part of Military Specification MIL-H-5440G, dated 28 November 1975, and is approved for use by all Departments and Agencies of the Department of Defense

## PAGE 3

- 2.1, under SPECIFICATIONS, Military, delete:  
"MIL-C-8956           Clamps, Loop, Tube Support".

Add after MIL-F-83300:

- "MIL-C-85052       Clamp, Loop, Cushion, General Specification for  
MIL-C-85052/1     Clamp, Loop, Tube, 17-7PH CRES, 275°F, Fuel  
                      Resistant, General Purpose  
MIL-C-85052/3     Clamp, Loop, Tube, 17-7PH CRES, 500°F, General  
                      Purpose".

## PAGE 4

- 2.1 under STANDARDS, Military, delete:  
"MS21105            Clamp, Loop Cushioned, Wedge, Fluid Resistant,  
                      500°F, CRES, Type III, Class B".

## PAGE 31

- 3.11.28.8 line 2, delete:  
"MS21105 (MIL-C-8956, Type III, Class B)" and substitute:  
"MIL-C-85052 (MIL-C-85052/1 or MIL-C-85052/3 to be compatible with  
temperature environment)".

## PAGE 32

- 3.11.28.9, add:  
"Marriage clamps shall not be used to support hydraulic tubing by adjacent runs of hydraulic tubing. Where required, marriage clamps may be used to maintain clearances between tubing runs."

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AMENDMENT 1

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6.2.1.e, add:

"(4) Hydraulic system tubing life. Hydraulic system tubing (including quality items such as ovality) shall be analyzed to show durability for the expected life of the airframe. Additionally, the contractor shall describe the tube bending controls and tubing installation controls to ensure tubing durability."

Custodians:

Army - AV  
Navy - AS  
Air Force - 11

Preparing activity:

Air Force - 11

Project 1650-0345

Review activity:

Air Force - 99

User activity:

Army - MI