

**INCH-POUND**

**MIL-S-7393C  
AMENDMENT 1  
22 JULY 2002**

**MILITARY SPECIFICATION**

**STEEL ALLOY CARBURIZING, BARS AND BILLETS, STEEL  
NICKEL-CHROMIUM (3310, 3316 AND 9310), AIRCRAFT QUALITY**

**This amendment forms a part of MIL-S-7393C, dated 28 AUGUST 1968,  
and is approved for use by all Departments and Agencies of the  
Department of Defense.**

**PAGE 1**

**2.1: Delete.**

**PAGE 2**

**2.2, under Society of Automotive Engineers: Delete “AMS2640 - Magnetic Particle Inspection”**

**2.2, under Society of Automotive Engineers: add the following:**

**“AMS-STD-183 - Continuous Identification Marking of Iron and Steel Products”.**

**2.2, under American Society for Testing and Materials: add the following:**

**“ASTM A255 - Standard test Methods for Determining Hardenability of Steel  
ASTM E381 - Standard Method of Macroetch Testing Steel Bars, Billets, Blooms, and Forgings  
ASTM E1282 – Standard Guide for Specifying the Chemical Compositions and Selecting Sampling  
Practices and Quantitative Analysis Methods for Metals, Ores, and Related Materials  
ASTM E1444 - Standard Practices for Magnetic Particle Examination”.**

**PAGE 4**

**3.6: Delete “MIL-STD-430” and substitute “ASTM E381”.**

**3.7, first and last sentence: Delete “Fed. Std. No. 183” and substitute “AMS -STD-183”.**

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**TABLE II: Delete “Acceptance number” column.**

**4.3: Delete “MIL-I-6868” and substitute “ASTM E1444”.**

**4.3: Delete “AMS 2640”**

**4.4.1 Delete “Federal Test Method Standard No. 151” and substitute “ASTM E1282”.**

**AMSC N/A**

**FSC 9510**

**DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.**

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**4.4.4, first sentence:** Delete “Fed. Test Method Standard No. 151” and substitute “ASTM E1282”.

**4.8.2, last line:** Delete “ASTM A317 “ and substitute ASTM E381”.

**PAGE 7**

**5. Delete Section 5 entirely and substitute:**

**“5. PACKAGING**

**5.1 Packaging.** For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of materiel is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point’s packaging activity within the Military Department or Defense Agency, or within the Military Department’s System Command. Packaging data retrieval is available from the managing Military Department’s or Defense Agency’s automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.”

**Custodians:**

**Army - MR**

**Navy - AS**

**Air Force - 11**

**Preparing Activity:**

**DLA-IS**

**(Project 9510-1054)**

**Review Activities:**

**Army – AR, MI**

**Air Force – 84, 99**