

# AEROSPACE MATERIAL SPECIFICATION



**AMS-S-7952A**

Issued DEC 1998  
Cancelled SEP 2002

Superseding AMS-S-7952

Steel, Sheet and Strip, Uncoated, Carbon (1020 and 1025)  
(Aircraft Quality)

## CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of September 2002, and has been superseded by the AMS 5046. The requirements of AMS 5046, Carbon Steel Sheet, Strip, and Plate, (SAE 1020 and 1025), Annealed, shall apply when AMS-S-7952 is specified.

By this action, this document will remain listed in the Index of Aerospace Material Specifications noting that it has been cancelled. Cancelled specifications are available from SAE.

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## 1. SCOPE:

- 1.1 This specification covers low-carbon steel, sheet or strip, of aircraft quality.

## 2. APPLICABLE DOCUMENTS:

The following publications, 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.

### 2.1 U.S. Government Publications:

Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MIL-L-7870 Lubricating Oil, General Purpose, Low Temperature

FED-STD-151 Metals; Test Methods

FED-STD-183 Continuous Identification Marking of Iron and Steel Products

MIL-STD-163 Steel Mill Products Preparation for Shipment and Storage

AND10355 Tolerances - Carbon Steel Sheet and Strip

## 3. REQUIREMENTS:

### 3.1 Manufacturing process:

The steel shall be manufactured by the open-hearth, basic-oxygen, or electric-furnace process. Sheet and strip shall be annealed, and finished by cold rolling. Sufficient discard shall be taken from each ingot to insure freedom from injurious piping and undue segregation.

### 3.2 Chemical composition:

The chemical composition shall conform to the acceptable limits specified in table I.

- 3.2.1 If the composition, 1020 or 1025, is not specified, either composition may be furnished at the option of the manufacturer.