



AEROSPACE MATERIAL SPECIFICATION



AMS-T-9047A

Issued MAY 2003
Cancelled MAY 2006

Superseding AMS-T-9047

Titanium and Titanium Alloy, Bars (Rolled or Forged) and Reforging Stock, Aircraft Quality

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of May, 2006 and has been superseded by the applicable AMS specification listed in Figure 1 below. The requirements of the latest issue of the AMS listed in Figure 1 shall be fulfilled whenever reference is made to the cancelled AMS-T-9047 for those materials. By this action, AMS-T-9047 will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by the applicable AMS.

Alloys covered by AMS-T-9047 determined to be 'no longer produced' are listed in Figure 2. Where available, similar but not necessarily identical products are listed in Figure 2. However, this listing is provided for information only and does not constitute authority to substitute these specifications for the "CANCELLED" products listed in Figure 2.

AMS-T-9047 was a word-for-word translation of MIL-T-9047 that was cancelled on February 10, 2005.

Cancelled AMS specifications are available from SAE.

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TYPE	ALLOY	CONDITION	SUPERCEDING SPECIFICATION
Commercially Pure Titanium	CP-70	70 ksi Yield Strength	AMS 4921
Alpha Titanium Alloys	5Al-2.5Sn	Annealed	AMS 6900
	5Al-2.5Sn (ELI)	Annealed	AMS 6901
	8Al-1Mo-1V	Duplex Annealed	AMS 6910
Alpha-Beta Titanium Alloys	3Al-2.5V	Annealed	AMS 6940
	6Al-4V	Annealed	AMS 6931
		STA	AMS 6930
	6Al-4V (ELI)	Annealed	AMS 6932
	6Al-6V-2Sn	Annealed	AMS 6936
		STA	AMS 6935
	6Al-2Sn-4Zr-2Mo	Duplex Annealed	AMS 6905
	6Al-2Sn-4Zr-6Mo	Duplex Annealed	AMS 6907
STA		AMS 6906	
7Al-4Mo	Annealed	AMS 6915	
Beta Titanium Alloys	3Al-8V-6Cr-4Mo-4Zr	ST	AMS 6920
		STA	AMS 6921
	13V-11Cr-3Al	ST	AMS 6925
		STA	AMS 6926

FIGURE 1 – ALLOYS AND TEMPERS WITH SUPERCEDING AMS SPECIFICATIONS

TYPE	ALLOY	CONDITION	SIMILAR SPECIFICATION
Alpha Titanium Alloy	6Al-2Cb-1Ta-0.8Mo	Annealed	None
Alpha-Beta Titanium Alloy	7Al-4Mo	STA	AMS 4970
Beta Titanium Alloys	8Mo-8V-2Fe-3Al	ST	None
		STA	None
	11.5Mo-6Zr-4.5Sn	ST	None
		STA (1000)	None
		STA (925)	None

FIGURE 2 – ALLOYS AND TEMPERS WITHOUT SUPERCEDING SPECIFICATIONS

NOTICE

This document has been taken directly from U.S. Military Specification MIL-T-9047G, Amendment 2, and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace MIL-T-9047G, Amendment 2. Any part numbers established by the original specification remain unchanged.

The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, and (b) the use of the existing government specification or standard format.

Under Department of Defense policies and procedures, any qualification requirements and associated qualified products lists are mandatory for DOD contracts. Any requirement relating to qualified products lists (QPL's) has not been adopted by SAE and is not part of this SAE technical document.