

MIL-S-5676A
AMENDMENT-1
21 APRIL 1953

MILITARY SPECIFICATION

SPLICING; CABLE TERMINAL, PROCESS FOR, AIRCRAFT

This amendment forms a part of Military Specification MIL-S-5676A, dated 4 April 1950, and has been approved by the Departments of the Army, the Navy, and the Air Force.

Paragraph 2.1.1 Specifications:

- (a) Under the heading "Military" add the following specifications:

"MIL-C-6708	Compound; Exterior-Surface, Hard-Film, Corrosive-Preventive
MIL-C-6940	Cable, Single Strand Non-Flexible Carbon Steel (Preformed)"

- (b) Under the heading "Air Force-Navy Aeronautical" delete the following specifications:

"AN-C-52	Compound; Exterior-Surface, Hard Film, Corrosive-Preventive
AN-C-76	Cable; Single Strand Nonflexible Carbon Steel (Preformed)"

Paragraph 3.1.3 Preservation: Delete "AN-C-52" and substitute "MIL-C-6708."

Paragraph 5.3.1 Proof Load: Add the following sentence at the end of the paragraph:

"The proof-load equipment used to apply the proof load specified in the following table shall be accurate within 2 percent."

Delete the entire table and substitute the following:

"Test Loads for Cable Terminal Splices

Cable :		Flexible Cable				Non-Flexible Cable	
Diameter:		Specification MIL-C-1511		Specification MIL-C-5424		Specification MIL-C-6940	
Inch		Proof Load	Full Strength	Proof Load	Full Strength	Proof Load	Full Strength
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1/16	:	300	: 410	: 300	: 410	: 300	: 475
3/32	:	550	: 780	: 550	: 780	: 700	: 1,140
1/8	:	1,200	: 1,700	: 1,150	: 1,610	: 1,250	: 1,995
5/32	:	1,700	: 2,380	: 1,550	: 2,210	: 1,950	: 3,135
3/16	:	2,500	: 3,570	: 2,350	: 3,310	: 2,800	: 4,465
7/32	:	3,350	: 4,760	: 3,100	: 4,420	: 3,750	: 5,985
1/4	:	4,200	: 5,950	: 3,950	: 5,610	: 4,900	: 7,790
9/32	:	4,800	: 6,800	: 4,800	: 6,800	: - - -	: - - -
5/16	:	5,900	: 8,330	: 5,750	: 8,160	: 7,500	: 11,875
3/8	:	8,650	: 12,240	: 7,800	: 11,050	: - - -	: - - -
7/16	:	10,600	: 14,960	: 10,550	: 14,960	: - - -	: - - -
1/2	:	13,700	: 19,380	: 13,700	: 19,400	: - - -	: - - -
	:		:	:	:	:	:
	:		:	:	:	:	:

Custodians:

Navy - Bureau of Aeronautics
Air Force