

MIL-T-22143A(WP)  
AMENDMENT-3  
1 OCTOBER 1964

SUPERSEDING  
AMENDMENT-2  
15 APRIL 1964

MILITARY SPECIFICATION

TELETYPEWRITER TT-264/AG

This amendment forms a part of Military Specification MIL-T-22143A(WEP) dated 20 May 1960 and has been approved by the Bureau of Naval Weapons, Department of the Navy.

Page 1, paragraph 1.2: Delete "Airborne type carrying case (\*)" and substitute

"Case, Teletypewriter CY-2977/UG"

\*Page 1, paragraph 1.2: Delete "Automatic Paper Winder (\*) 3.3.5"

Page 1, paragraph 1.3: Delete and substitute

"1.3 Associated Equipment - The teletypewriter shall be capable of operating with the following associated equipments which are not to be supplied as part of this equipment:

Radio Set AN/ARC-38A  
Converter, Signal Data CV-1053/ARC"

Page 1, paragraph 2.1, under SPECIFICATIONS Military: Delete

"MIL-C-172 . . Cases; Bases, Mounting; and Mounts, Vibration  
(For Use with Electronic Equipment in Aircraft)"

Page 2, paragraph 2.1, under STANDARDS Military: Delete

"MS 25245 Connections, Input Power Airborne Electronic Equipment;  
28-Volt DC, 115-Volt Single-Phase AC, or 115/200 Volt  
3-Phase AC, or Combinations"

Page 3, paragraph 3.2.2: Add

"except that operation at temperatures in excess of 55°C is not required

Page 3, paragraph 3.2.4: Delete "30" and substitute

"37"

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Page 3, paragraph 3.2.8: Delete and substitute

"3.2.8 Cables and Connectors - The equipment shall provide for the use of cables and connectors in accordance with Specification MIL-E-5400; however, cables shall not be supplied as part of the equipment."

Page 4, paragraph 3.2.8.1: Delete

Page 4, paragraph 3.2.10: Delete and substitute

"3.2.10 Input Power Connection - Input power connection shall be accomplished by Amphenol Connector Type 165-11 or an approved equivalent."

Page 4, paragraph 3.2.16: Delete "40" and substitute

"50"

Page 4: Add

"3.3.1.1.1 Transmit Enable Switch - The "send-receive" switch shall contain an additional set of electrically isolated contacts so connected that when the "send-receive" switch is in the "send" condition, the associated radio transmitter is "enabled", and when in the "receive" condition it is disabled. Necessary slip-connectors and wiring shall be provided so that no action other than connecting the necessary external wires to the input connector shall be required."

\*Page 5, paragraph 3.3.1.5: Delete and substitute

"3.3.1.5 Keyboard Touch - The pressure required to operate any key lever shall not exceed 10 ounces or be less than 5 ounces. At minimum touch, inadvertant trip-off of any key shall not occur during environmental test for shock and vibration."

Page 5, paragraph 3.3.1.10: Delete "8.25" and substitute

"8.375"

Page 6, paragraph 3.3.2.2: Delete and substitute

"3.3.2.2 Line Capacity - The printer shall be capable of printing 72 or 76 characters per line with automatic carriage return and line feed at the preselected point. The equipment shall be internally adjustable by trained personnel from one line length to the other in less than 20 minutes. Factory adjustment shall be made for 72 characters per line unless otherwise specified in procurement documents."

Page 6, paragraph 3.3.2.11: Delete "10 ma" and substitute

"20 ma"

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Page 6, paragraph 3.3.4: Delete and substitute:

"3.3.4 Case, Teletypewriter CY-2977/UG - An airborne type case shall be provided for housing the Transmitting Keyboard, the Receiving Page Printer, and Connecting Chassis. The case shall include provisions for changing the paper roll without removal of the printer from the case."

Page 7, paragraph 3.3.4.1: Delete and substitute

"3.3.4.1 Case Size - The combined unit, Keyboard, printer, and connecting chassis in the case (in receive-only position) with full paper roll shall have a size not greater than 15-5/16 inches wide by 16 inches deep (Keyboard Stowed) by 6-3/4 inches high. The depth shall not exceed 18-3/4 inches with the Keyboard in operating position."

\*Page 7, paragraph 3.3.4.2: Delete and substitute

"3.3.4.2 Mounting - The mounting when fully loaded shall not exceed 1.25 inches in height."

\*Page 7, paragraphs 3.3.5, 3.3.5.1 and 3.3.5.2: Delete

Page 7, paragraph 3.3.9: Delete "10 ma" and substitute

"20 ma"

Page 7, paragraph 3.3.10, third sentence: Delete and substitute

"The TT-264/AG shall be supplied with gears for 60 wpm (368 opm) and 100 wpm (600 opm) speeds with factory adjustment for 60 wpm (368 opm) prior to shipment unless 100 wpm (600 opm) is otherwise specified in procurement documents."

Page 13: Add

"6.5 Use - The TT-264/AG is normally intended for use as an airborne communications device for transmission of alphanumeric data (including messages) over radio-teletypewriter circuits on either a "simplex" or "full-duplex" basis, depending on the associated terminal equipment and transmission media employed. Provisions will be made in associated keyers and control units to furnish necessary feed-back or proper circuitry to obtain "home copy" when transmitting. As an auxiliary use, with proper external switching only, it shall be possible to utilize the TT-264/AG as an electric typewriter for maintaining logs and other routine typing. In addition, the TT-264/AG equipment to be furnished hereunder shall be capable of operating as an electric typewriter (off-line local mode) completely independent of the associated radio equipment when proper option patching has been made in accordance with instructions provided within the equipment."

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6.6  
the following:

Ordering Data - The procurement document should specify

- (1) Title, number and date of this specification.
- (2) Either a complete Teletypewriter TT-264/AG or any of the items of 1.2 as required.
- (3) The Line Capacity and gear adjustment if different from that called out in 3.3.2.3 and 3.3.10."

An asterisk preceding a page number denotes a change to be made to the specification which did not appear in the previous amendment.