

MIL-H-36505
AMENDMENT - 2
19 July 1974
SUPERSEDING
AMENDMENT - 1
31 October 1972

MILITARY SPECIFICATION

HYPODERMIC INJECTION APPARATUS, JET, AUTOMATIC

This Amendment forms a part of Military Specification MIL-H-36505, dated 12 June 1967, and is approved for use by all Departments and Agencies of the Department of Defense.

Page 2:

DRAWING

Delete: Title of Drawing 20241 and substitute: "Hypodermic Injection Apparatus, Jet, Automatic, 115 Volts, 50-60 Hz, AC".

Page 4:

3.2 First Article. Delete entirely.

Page 7:

3.4.1.6.1.1 Protective cap. Delete entirely and substitute:

"3.4.1.6.1.1 Protective cap. Each jet nozzle shall be provided with a protective cap fabricated from black, anodized finish, aluminum alloy (see 3.4.7.2). Cap shall be designed to properly protect jet nozzle. The length of the cap shall be $5/8 \pm 1/64$ inch.

Add the following paragraph:

"3.4.1.6.1.2 Nozzle cleaning adapters. Each apparatus shall be furnished with one nozzle cleaning adapter to clean subcutaneous nozzle specified in 3.4.1.6.1 and one nozzle cleaning adapter to clean clogged intradermal nozzles (not furnished with this apparatus) NSN 6515-00-913-7908. The nozzle cleaning adapters shall be constructed to properly align with the orifice of the appropriate nozzle. The cleaning adapters assemblies shall be as shown on sheet 10 of DPSC Drawing 20241. Appropriate detailed instructions for use of the cleaning adapters shall be provided with the apparatus."

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Page 8:

3.4.1.7 Bottle holder assembly. Add the following to end of paragraph:
"The bottle holder assembly shall be designed to adequately support small and large vaccine bottles by Velcro hook tape (part 116) to the jaws (part 52). The support shall be completed by assembling Velcro loop tape (part 117) to the Velcro hook tape to form a loop."

Page 12:

Add new paragraph:

* "3.4.5.1 Carrying case, alternate. As an alternate, the carrying case (part 78) shall be molded from polyester, glass fiber reinforced sheet molding compound. The case shall have the following inside dimensions (dimensions in inches):

Length — 14
Width — 9-1/4
Height, case body — 7
Height, case top — 2-1/2

A two (2) degree taper for the case in molding shall be permitted. The plastic material shall be a general-purpose grade containing from 25 to 35 percent glass fiber, and shall have a nominal thickness of 0.10 inch. The case shall be molded using matched die compression molds. Molded parts shall have a smooth fiber-free surface, and shall be grey in color. The case body and case top shall have an integrally molded matched valence. The case top shall be hinged to the body by means of two sturdy hinges riveted in place through the case valence. The case shall be fitted with a sturdy stay hinge on the right side only, with two sturdy drawbolts and with a sturdy plastic handle assembly located on the case top. On the inside of the case top there shall be provided the following components:

- (a) Clip (part 62) and the multipurpose tool (Part 48) to be secured by a rivet.
- (b) Injection nozzle mount (part 47) secured by a rivet.
- (c) Repair parts bag (part 56) securely cemented to the case as shown on sheet 1 of the drawing.

The clip (part 62) and the mount (part 47) shall be spaced to avoid the possibility of the multipurpose tool striking the spare jet nozzle. The nozzle mount shall be securely rivetted in place so that there is no tendency for it to rotate when the nozzle is installed or removed. The carrying case shall be Skydyne, Port Jervis, New York, part number 310300, or equal meeting the above requirements."

3.4.6.2 Carrying case. Delete legend entirely and substitute: "Caution. For Use With 115 Volt, 50-60 Hz, AC, Only".

Page 14:

3.4.8 Repair parts. Delete group (5) entirely, and substitute: "(5) Nozzle cleaning adapters (see 3.4.1.6.1.2)."

- * 3.4.9 Weight. Add the following to end of paragraph: "When the alternate carrying case is employed (see 3.4.5.1) the finished weight shall not exceed 28 pounds."

Page 15:

3.10.1 Clinical tests. Delete first word "The" and substitute: "If deemed necessary (if contractor has not previously supplied acceptable injectors), the".

Page 18:

4.1.1 Inspection. Renumber to "4.1.2".

Add new paragraph:

"4.1.1 Records. Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government, upon the Government's request, at any time, or from time to time, during the performance of the contract and for a period of 3 years after delivery of the supplies to which such records relate".

Page 19:

4.1.2 Certificates of quality. Delete entirely and substitute:

"4.1.3 Certificates of quality. Certificates of quality, supplied by the manufacturer of the components or material may be furnished in lieu of actual performance of such testing by the contractor, provided lot identity has been maintained and can be demonstrated to the Government. The certificate shall include the name of the contractor, the contract number, the name of the manufacturer or supplier, the NSN, the item identification, the name of the component and material, the lot number, the lot size, the sample size, the date of testing, the test method, individual test results, and the specification requirements."

Page 22:

5.2.1.1 Exterior container. End of paragraph, add: "Special requirements of applicable table shall apply for PPP-B-636 box".

Page 23:

5.2.2.1 Exterior container. End of paragraph, add: "Special requirements of applicable table shall apply for PPP-B-636 box".

Add the following new paragraph:

* "6.4 The margins of this specification are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue."

Custodians:

Army - MD
Navy - MS
Air Force - 03

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Review information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODISS.