

INCH POUND

MIL-B-44152C
AMENDMENT 1
14 October 1994

MILITARY SPECIFICATION

BOOTS, COMBAT; Mildew & Water Resistant, DMS

This amendment forms a part of MIL-B-44152C, dated 28 May 1993, and is approved for use by all departments and agencies of the Department of Defense.

PAGE 1

Beneficial comments box, line 4: Delete "DPSC-FSSD" and substitute "DSPC-FQSD".

Beneficial comments box, line 5: Delete "19101-8419" and substitute "19145-0530".

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3.3.2, Counters, line 2, after the word "DMS" insert "except if the back part molding is to be employed, the counter need neither be formed not flanged".

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3.1.12, Removable cushion insert, line 4: After the first sentence, add: "before thermoforming, the polyethylene shall have a density of 4 lbs/ft³ \pm 10 percent and a minimum thickness of 0.200 in."

AMSC N/A

FSC 8430

DISTRIBUTION STATEMENT A. Approved for public release;
distribution is unlimited.

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3.3.12, Removable cushion insert, last sentence: Delete the sentence in its entirety and substitute "The total thickness of the insole (insert) shall be 0.155 to 0.195 inch forward of the instep arch and 0.190 inch to 0.215 inch elsewhere (see 6.9)."

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3.3.12, after line 12, add the following footnote:

"2 Less than 10% after 5 hours exposure to saturated steam at 15 psi."

3.5.1, Stitched uppers, line 1: Delete "stitched".

3.5.1, Stitched uppers, line 2: After the words "1/2 size" add "and/or one full width".

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3.8.6, Lasting, line 12: Delete "not more than 3/4 inch" and substitute "any excess lasting allowance margin, due to stretchy leather not permitting a proper heel seat bottom closure, shall be trimmed."

3.8.6.2, Counter size schedule: After this paragraph add the following new paragraph:

"3.8.6.2.1 Alternative counter assembly. As an alternate, an unmolded counter, well cemented on both sides, shall be assembled in accordance with the counter size schedule (see 3.8.6.2) so that they fill the counterpockets. The counter and upper shall be formed and flanged using appropriate shaped molds on the back part molding machine. The counter shall be turned over the last at the bottom $1/2 \pm 1/16$ inch. Although not a requirement, the counter may be seated to the insole with one or two tacks near the back end of the counter flange. If tacks are used, they shall be driven through the outside counterpocket and insole and clinched against the heel seat plate. Steel tacks may be used for lasting operations. Commencing with the conditioning and insertion of the box toe, the remainder of the lasting procedure is as the standard method."

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3.8.15.1, Preparation: After this paragraph add the following note:

"NOTE: Upon occasion when some insignificant thread ends are noted during inspection (audit) they will not be cause for lot/shipment rejection. Inplant corrective action shall be made on current and future production."

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4.4.1 Component and material inspection, end of paragraph:

At the end of this paragraph add the following information:

"A certificate of compliance shall be submitted and will be accepted for the stated testing and inspection requirements contained in the component specification for the following components:

Component	Paragraph Number
Collar leather	3.3.1.3
Leather insole	3.3.1.4
Counters	3.3.2
Backseam tape	3.3.3.1
Vamp lining	3.3.3.2
Shank	3.3.6.1, add footnote 2 to each requirement in Table VI
Heel filler	3.3.8, add the requirement listed above
Thread	3.3.9
Laces	3.3.14

In addition to the certificate of compliance, a laboratory test report shall be provided with each component lot/shipment from each supplier for prime contractor records (and verification by the Government, when testing/inspection is deemed necessary) on all components covered by a "certificate of compliance".

4.4.2.2 In-process examination of uppers after all fitting,
Delete the last sentence in its entirety and substitute the following:

"The inspection level shall be II, and the Acceptable Quality Level (AQL), shall be 1.0."

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4.4.2.2, In-process examination of uppers after all fittings, under "Classification", line 26: Delete "107" and substitute "*".

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4.4.2.4 In-process examination of boot before last pulling, Delete the last sentence in its entirety and substitute the following:

"The inspection level shall be II, and the Acceptable Quality Level (AQL), shall be 1.0."

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4.4.3 End item visual examination, sentence 4: Delete in its entirety and substitute the following:

"The inspection level shall be II, and the AQL shall be 1.0."

4.4.3, End item visual examination: At the end of the paragraph, add the following new sentence:

"Upper leather grain-break is not to be determined by flexing of the component; only a bending inward of the grain surface, as would occur thru use of the "Satra" scale is required."

4.4.3, End item visual examination, sub-paragraph a, line 8, delete "5" and substitute "6".

4.4.3, End item visual examination, NOTE: Delete the NOTE paragraph in its entirety and substitute the following:

"NOTE: Appearance defects shall be scored when the condition is plainly visible at a distance of 3 feet or more and it appreciably affects item appearance."

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4.4.3, End item visual examination, Defects table: Under "Color and finish", delete "not specified color" and substitute "color not within the specified range of color"

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4.4.3, End item visual examination, Defects table: Under "Design, type, and style Upper leather", delete lines 5 through 7 and substitute:

Any grub/tick damage,
scratches, brands,
or bony leather,
fat wrinkles, flanky
leather, course grain
or veins etc., that
appreciably affects
appearance/serviceability(*)"

Delete "112" and substitute "*".

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4.4.3, End item visual examination, Defects table: Under "Outersole including heel", delete "thickness not as specified as in drawing" and substitute "thickness less than specified or more than 1/32 inch greater than specified".

4.4.3, End item visual examination, Defects table: Under "Outersole including heel", between defects 131 and 226, add the following new defect:

" Thickness greater than specified
but not more than 1/32 inch
greater than specified 225A"

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4.4.3, End item visual examination, Defects table: Under "Classification", delete "Major" and substitute "Minor".

Custodians:

Army - GL
Navy - NU
Air Force - 99

Preparing Activity:

DLA - CT
Project No. 8430-0433

Review Activities:

Army - MD
Navy - MC
Air Force - 45, 82