

INCH-POUND

MIL-B-29604

AMENDMENT 1

26 September 1996

MILITARY SPECIFICATION

BODY ARMOR, HARD, SMALL ARMS PROTECTIVE, PRU-61/P22P-15

This amendment forms a part of MIL-B-29604, dated 15 December 1994, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

In title: Delete "PRU-61/P22P-15" and substitute "PRU-61A/P22P-15".

1.2: Delete "Small" and "X-Large".

PAGE 2

2.1.1: SPECIFICATIONS, MILITARY: Add the following:

"MIL-B-543 - Buckles; Tongueless, and Web Strap."

Line 2: Delete "MIL-T-5038 - Tape, Textile and Webbing, Textile, Reinforcing, Nylon".

Add the following:

"MIL-W-43668- Webbing, Textile, Textured or
Multifilament Nylon

After STANDARDS: Delete the following:

"MIL-STD-105- Sampling Procedures and Tables for
Inspection by Attributes"

Delete the following:

"MS51940 - Loop, Slide (For Equipage)"

AMSC N/A

FSC 8470

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

MIL-B-29604
AMENDMENT 1

Add the following:

"FEDERAL

FED-STD-191 - Textile Test Methods
A-A-55620 - Loop, Slide (For Equipage)"

2.1.2: Delete drawings 3241AS401 thru 3241AS493 and substitute the following:

"3561AS401 - Hard Ballistic Armor Assembly, PRU-61A/P22P-15
3561AS402 - Hard Ballistic Armor Insert, PRU-61A/P22P-15
3561AS403 - Encasement Assembly, PRU-61A/P22P-15
3561AS404 - Pull Handle & Strap Assemblies
3561AS405 - Hard Ballistic Armor Sub-Assembly
3561AS406 - Label, Identification"

PAGE 3

2.2: Add the following at the end of this paragraph:

"AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI Z1.4 - Sampling Procedures and Tables for Inspection by
Attributes"

(Applications for copies should be addressed to the American National Standards Institute,
11 West 42nd Street, New York, NY 10036.)"

3.1: Delete paragraph in its entirety.

PAGE 4

3.3, line 5: Delete "Warminster (Code 603), Warminster, Pennsylvania 18974-5000." and
substitute "Patuxent River (Code 4.6.2), Patuxent River, MD 20670."

3.3.2, line 3: Delete "3241AS402" and substitute "3561AS402".

3.3.3, line 3: Delete "3241AS402" and substitute "3561AS402".

3.3.4, line 2: Delete "ballistic aramid" and substitute "nylon duck".

3.3.5, Add the following: "Webbings shall be fire resistant (FR) treated with a chemical coating
and shall be tested in accordance with 4.9"

MIL-B-29604
AMENDMENT 1

3.3.5.1: Delete paragraph in its entirety and substitute the following:

"3.3.5.1 Encasement assemblies, pull handle and strap assemblies. The encasement assemblies, pull handle and strap assemblies shall be fabricated as specified in drawings 3561AS403 and 3561AS404. Webbing for the encasement assemblies, pull handle and strap assemblies shall conform to MIL-W-4088, Type XV, Class II, 2 inch wide and MIL-W-4088, Type XIII, 1 23/32 inch wide, and MIL-W-43668, Type III, 1 inch wide."

3.3.5.2: Delete paragraph in its entirety.

3.3.5.3: Delete paragraph in its entirety.

PAGE 5

3.3.6 thru 3.3.6.3: Delete paragraphs in their entirety.

3.3.7.1, line 2: Delete "and 2" and substitute ", 2, and 4".

Line 3: Delete "3241AS403" and substitute "3561AS403".

3.3.7.2, line 2: Delete "and 2" and substitute ", 2, and 4".

Line 3: Delete "3241AS403" and substitute "3561AS403".

3.3.8, line 3: Delete "3241AS404" and substitute "3561AS404".

3.3.9, line 2: Delete "MS51940" and substitute "A-A-55620".

Delete "3241AS404" and substitute "3561AS404".

3.3.10, line 5: Delete "3241AS404" and substitute "3561AS404".

Add the following paragraph:

"3.3.11 Buckle. The buckle on the strap assembly shall be in accordance with MIL-B-543 as specified in drawing 3561AS404."

PAGE 6

3.4.1: Delete last sentence and substitute "Drill holes are prohibited. Seam allowances shall be 3/8 inch."

Delete paragraph 3.4.1.1 and substitute the following:

3.4.1.1 List of pattern parts and applicable materials.

MIL-B-29604
AMENDMENT 1

3.4.1.1.1 Cloth, duck, textured nylon (MIL-C-43734, Color 106 Olive Green).

<u>Nomenclature</u>	<u>CUT</u>	<u>Pattern No.</u>
Encasement Pattern Front (Medium)	1	3561AS490-1
(Large)		3561AS491-1
Encasement Pattern Back (Medium)	1	3561AS490-2
(Large)		3561AS491-2

PAGE 7

Add the following paragraph:

"3.6.9 Flame resistance. Webbing that have been fire resistant (FR) treated shall have the following characteristics when tested as specified in 4.9:

Maximum after flame time (avg): Warp - 10 sec., Filling - 6 sec.

Maximum char length (avg): Warp - 4 inches, Filling - 3.5 inches

No observable afterglow."

PAGE 8

Add the following paragraph:

"4.1.2 Certificate of compliance. Where certificates of compliance are submitted in accordance with 4.9, they shall contain verifiable actual test and inspection data. The Government reserves the right to inspect and test the cloth to verify the validity of the certification."

4.2, line 3: Delete "a. Qualification inspection (see 4.3)."

Line 5: Delete "Quality".

Line 6: Delete "d. Quality conformance verification inspection (see 4.6)."

Delete paragraphs 4.3, 4.3.1, and 4.3.2 in their entirety.

PAGE 9

4.5, line 1: Delete "Quality" and "Quality".

Line 4: Delete "MIL-STD-105" and substitute "ANSI Z1.4".

MIL-B-29604
AMENDMENT 1
PAGE 11

Delete paragraphs 4.6 thru 4.6.3 in their entirety.

PAGE 12

4.8.1.6, line 18: Delete last sentence of paragraph in its entirety.

PAGE 13

4.8.3, line 14: Delete "A deep throat type gauge conforming to Federal Products Corp. Model KP125 or KP129, or equal, with Standard tips, shall be used for taking measurements."

PAGE 15

Add the following paragraph:

"4.9 Flame resistance. Webbing that have been FR treated shall be tested in accordance with FED-STD-191, Method 5903.1, and shall pass the requirements of 3.6.9. Unless otherwise stated a certificate of compliance shall be submitted and will be acceptable for the stated requirements."

PAGE 18

Delete paragraph 6.4 in its entirety.

PAGE 23

Delete Table I in its entirety.

Delete Table II in its entirety.

PAGE 25

Table IV: Delete "Quality".

Delete Acceptance Criteria column in its entirety.

Footnote 1/: Delete "MIL-STD-105" and substitute "ANSI Z1.4".

Delete Footnote 2/ in its entirety.

PAGE 27

Delete Table V in its entirety.

MIL-B-29604
AMENDMENT 1

PAGE 28

Table VI: Delete "X's" and substitute numbers as follows:

Number Critical Defects 1 thru 16.

Number Minor Defects 201 thru 211.

PAGE 35

Delete page in its entirety.

CONCLUDING MATERIAL

Custodians
Army-GL
Navy - AS

Preparing Activity
Navy-AS

(Project No. 8470-0164)

Reviewer:
DLA-CT
Navy-NU