

INCH POUND

MIL-STD-1667B  
18 January 1995  
SUPERSEDING  
MIL-STD-1667A  
18 November 1983

MILITARY STANDARD

PROVISIONS FOR EVALUATING QUALITY

OF

HOODS: COLD WEATHER, EXTREME COLD WEATHER, AND FLYER'S



AMSC N/A

FSC 8415

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MIL-STD-1667B

DEPARTMENT OF DEFENSE

Washington, DC 20301

Provisions for Evaluating Quality of Hoods; Cold Weather, Extreme Cold Weather, and Flyer's

MIL-STD-1667B

1. This Military Standard is approved for use by all Departments and Agencies of the Department of Defense.
2. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FQSD, 2800 South 20th Street, Philadelphia, PA 19145-5099, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

## MIL-STD-1667B

## FORWARD

This standard provides a standardized procedure for evaluating the quality of coated fabric-type hoods procured for the Department of Defense. It is intended to list, in a single document, defects irrespective of fabrics (i.e., wool, cotton, or synthetic) or end use.

The objectives of this standard are to:

- a. Provide standard descriptions for hood defects.
- b. Standardize examination requirements.
- c. Reduce the size of each hood specification.

As of the date of approval of this document, the following specifications will reference this standard:

<u>Specification</u>	<u>Title</u>
MIL-H-17024	Hood, Cold Weather, Impermeable (Shore)
MIL-H-29101	Hood, Extreme Cold Weather, Impermeable
MIL-H-43555	Hood, Extreme Cold Weather, W/Synthetic Fur Ruff, OG-107
MIL-H-85037	Hood, Winter, Flyer's

## MIL-STD-1667B

## 1. SCOPE

1.1 Purpose. The purpose of this standard is to provide standardized provisions for evaluating the quality of coated fabric and fabric hoods.

1.2 Application. This standard will be made applicable to contracts by reference in the appropriate hood specification.

## 2. REFERENCE DOCUMENTS

2.1 Issue of documents. The following documents, of the issue in effect on the date of invitation for bids or request for proposal, form a part of this standard to the extent specified herein.

## SPECIFICATIONS

## MILITARY

MIL-H-17024	-	Hood, Cold Weather, Impermeable (Shore)
MIL-H-29101	-	Hood, Extreme Cold Weather, Impermeable
MIL-H-43555	-	Hood, Extreme Cold Weather, W/Synthetic Fur Ruff, OG-107
MIL-H-85037	-	Hood, Winter, Flyer's

## STANDARDS

## FEDERAL

FED-STD-4	-	Glossary of Fabric Imperfections
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## MILITARY

MIL-STD-105	-	Sampling Procedures and Tables for Inspection by Attributes
MIL-STD-109	-	Quality Assurance Terms and Definitions

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity, or as directed by the contracting officer.)

## 3. DEFINITIONS

3.1 Fabric defects. The fabric defect definitions applicable to the standard are described in FED-STD-4. Fabric defects shall be clearly visible when examined at a distance of 3 feet (.91 m).

## MIL-STD-1667B

3.2 Knots and slubs. Only knots and slubs that exceed the limits specified in the basic cloth specification and are clearly visible when examined at a distance of 3 feet shall be scored as defects in evaluating quality of the hoods.

3.3 Quality assurance terms. Definitions of quality assurance terms and procedures, where applicable, shall be in accordance with MIL-STD-105 and MIL-STD-109.

3.4 Open seam. The seam shall be classified as open when one or more stitches joining a seam are broken, or when two or more continuous skipped or runoff stitches occur. On double-stitched seams, a seam is considered open when either side is open.

3.5 Raw edge. Raw edge is defined as any edge not finished as specified, including any protruding edge on the outside of the hood.

3.6 Defective button. A button shall be considered defective when it has a sharp, rough, cracked, or split edge; scratch, dent, blemish, imbedded foreign matter, or is misshapen.

3.7 Outside-inside. The terms "outside" and "inside" as used in this standard are defined as follows:

Outside: Any part of the hood that is visible when the completely fastened and closed hood is examined. The visor and storm flap (curtain) shall be considered as the outside of the hood.

Inside: Any part of the hood that is not visible when the completely fastened and closed hood is examined.

#### 4. GENERAL

4.1 General. This standard contains the provisions for end item examination, dimensional examination, and packaging inspection of coated fabric and fabric hoods. If there are any inconsistencies between the requirement of the appropriate hood specification and the provisions of this standard, the specification shall control. This standard assigns to the listed defects, point values of 1, 2, or 3, depending on severity. The higher point values are assigned to those defects having the more detrimental effect on the appearance or serviceability of the item.

## MIL-STD-1667B

## 5. SAMPLE AND INSPECTION PROVISIONS

5.1 End item examination. The hoods shall be examined and all defects shall be penalized as indicated in Table II of this standard. The sample size shall be based on the lot size, and the acceptable point values shall be as specified in Table I. The sample unit shall be one hood. The lot shall be unacceptable if:

- (a) The point values for 3 and 2 point defects exceeds the applicable maximum acceptance point value

OR

- (b) Point value for total (3, 2, and 1 point) defects exceeds the applicable maximum acceptance point value.

5.2 Dimensional examination. The appropriate number of hoods, determined from the table below, shall be examined for conformance to the dimensional requirements cited in the table of measurements of the appropriate hood specification. When a measurement deviates from a dimension and tolerance specified, the hood shall be penalized one point. The lot shall be unacceptable if the total point value resulting from this examination exceeds the maximum acceptable point values. Each hood size present in the lot should be represented in the sample.

<u>Lot size</u>	<u>Sample size</u>	<u>Maximum acceptable point value</u>
Up thru 500	8	0
501 thru 3,200	13	1
3,201 thru 35,000	20	2
35,001 and up	32	3

5.3 Packaging inspection. An examination shall be made to determine that preservation, packing, and marking requirements are in compliance with Section 5 of the appropriate hood specification. Defects listed, as follows, shall be scored one point. The sample size for this examination shall be five shipping containers fully prepared for delivery with the exception that they need not be sealed. Defects of closure listed below shall be examined on shipping containers fully prepared for delivery. The lot shall be unacceptable if one or more points are scored for this examination.

## MIL-STD-1667B

ExamineDefect

Marking (exterior  
and interior)

Omitted, incorrect, illegible, improper  
size, location, sequence, or method of  
application

Materials

Any component missing, damaged, or not  
as specified

Workmanship

Inadequate application of components,  
such as: incomplete closure of  
container flaps, loose strapping,  
improper taping, inadequate stapling.  
Open on non-continuous heat-sealed seams  
of polyethylene bag, or air holes  
omitted.  
Bulging or distorted container.

Content

Number of bundles or intermediate  
packages per container is more or  
less than required.  
Number of hoods per bundle or  
intermediate package is more or less  
than required. 1/  
Size shown on one or more hoods not as  
specified on shipping container.  
1/ (when applicable)

1/ For this defect, one intermediate package from each container  
in the sample shall be examined.

## 6. INSPECTION

6.1 Inspection procedures. Inspection procedures, except for  
sampling plans, shall be as specified in MIL-STD-105, except  
where otherwise indicated in this document.

6.2 Initiation of inspection. Normal inspection will be used  
at the start of the inspection unless otherwise directed by the  
procurement quality assurance element administering the contract.

6.3 Continuation of inspection. Normal, tightened, or reduced  
inspection shall continue unchanged on successive lots except  
where switching procedures in 6.4 require change.

## MIL-STD-1667B

#### 6.4 Switching procedures

6.4.1 Normal to tightened. When normal inspection is in effect, tightened inspection shall be instituted when two out of five consecutive lots have been rejected on original inspection (i.e., ignoring resubmitted lots for this procedure).

6.4.2 Tightened to normal. When tightened inspection is in effect, normal inspection shall be instituted when five consecutive lots have been considered acceptable on original inspection.

6.4.3 Normal to reduced. When normal inspection is in effect, reduced inspection shall be instituted providing that all of the following conditions are satisfied:

- a. The preceding 10 lots have been on normal inspection and none have been rejected on original inspection; and
- b. The total number of points for 3 and 2 point defects in the samples from the preceding 10 lots is equal to or less than 60 percent of the total maximum acceptable point values for 3 and 2 point defects from the preceding 10 lots; and
- c. The total number of points for 3, 2, and 1 point defects in the sample from the preceding 10 lots is equal to or less than 75 percent of the total maximum acceptable point values for 3, 2, and 1 point defects from the preceding 10 lots; and
- d. Production is at a steady rate; and
- e. Reduced inspection is considered desirable by the procurement quality assurance element administering the contract.

6.4.4 Reduced to normal. When reduced inspection is in effect, normal inspection shall be reinstituted if any of the following occur on original inspection:

- a. A lot is rejected; or
- b. A lot is considered acceptable but exceeds the applicable first value (see 1/ to Table I); or
- c. Production becomes irregular or delayed; or
- d. Other conditions warrant that normal inspection be reinstituted.



## MIL-STD-1667B

TABLE I. Sampling provisions for hoods

	Lot size	Sample size	<u>Maximum acceptable point value</u>	
			3 & 2 point value	3, 2 & 1 point value
Normal Inspection	Up thru 90	13	3	6
	91 thru 150	20	5	12
	151 thru 280	32	8	16
	281 thru 500	50	12	24
	501 thru 1200	80	18	35
	1201 thru 3200	125	26	51
	3201 thru 10,000	200	38	74
	10,001 thru 35,000	315	55	108
Tightened Inspection	35,001 and over	500	80	158
	Up thru 150	20	4	6
	151 thru 280	32	6	12
	281 thru 500	50	9	22
	501 thru 1200	80	14	35
	1201 thru 3200	125	22	51
	3201 thru 10,000	200	34	74
	10,001 thru 35,000	315	50	108
Reduced Inspection	35,001 and over	500	73	158
	Lot size	Sample size	<u>Maximum acceptable point value</u>	
			3 & 2 point value	3, 2 & 1 point value
	Up thru 280	13	4	6
	281 thru 500	20	6	12
	501 thru 1200	32	14	35
	1201 thru 3200	50	22	51
	3201 thru 10,000	80	34	74
	10,001 thru 35,000	125	50	108
	35,001 and over	200	73	158

## MIL-STD-1667B

TABLE II. Classification of defects

Defect	Point Value
A. GENERAL DEFECTS	
I. <u>MATERIAL DEFECTS AND WORKMANSHIP DAMAGES</u>	
a. Hole, cut, tear, smash, scorched area, burn multiple floats abraded area or open place:	
1. On outside (longest dimension in any direction):	
(a) -up to 1/4 inch, inclusive	2
(b) -more than 1/4 inch	3
2. On inside (longest dimension in any direction):	
(a) -up to 1/4 inch, inclusive	1
(b) -more than 1/4 inch	2
b. Misweave, area of no dye penetration, dye streak, thin place, visible mend, missing yarn, broken yarn or shade bar, more than 1/2 inch (largest dimension in any direction):	
-on outside	2
c. Knot or slub (see 3.2 on outside)	1
d. Permanent fold, pleat or crease in cloth (when caught in seaming or stitching):	
-on outside	2
e. Loose knitting causing sleaziness, i.e., thin or open meshed area	1
f. Any ruptured fibers in line of sewing:	
-on outside only	2
g. Loose yarn, snagged thread, coarse yarn or woven in waste; more than 1 inch (largest dimension in any direction):	
-on outside	1

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
A. GENERAL DEFECTS (contd.)	
II. <u>SHADED PARTS</u>	
a. On outside:	
1. Variation in shade within a part or between two or more parts (except parts which may be cut from ends)	2
2. Variation in shade within a part or parts cut from ends badly shaded	1
III. <u>CLEANNESS</u>	
a. Spot or stain on outside clearly noticeable (largest dimension in any dimension):	
1. Up to 3/8 inch, inclusive	1
2. More than 3/8 inch	2
b. Thread ends - on outside:	
1. More than four but not more than six not trimmed to less than 1/2 inch	1
2. More than six not trimmed to less than 1/2 inch	2
c. Loose threads not removed on major portion of hoods	1
d. Two or more shade or size tickets not removed	1
e. Any size or shade marking on outside; score as spot or stain (see IIIa)	-
f. Basting thread visible on outside of hood	1
IV. <u>COMPONENTS AND ASSEMBLY</u>	
a. Any component part or required operation omitted (unless otherwise classified herein)	3
b. Any component not as specified (type, size, color, etc.)	3

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
A. GENERAL DEFECTS (contd.)	
IV. <u>COMPONENTS AND ASSEMBLY</u> (contd.)	
c. Any component part tight, twisted, distorted, pleated or puckered (unless otherwise classified herein)	2
d. Any operation not as specified (unless otherwise classified herein)	2
e. The edge of any component part required to be forced out having folds of more than 1/8 inch (unless otherwise classified herein)	2
V. <u>CUTTING</u>	
a. Any component part not cut in accordance with specified pattern or directional lines on patterns, or not in accordance with specification requirements	3
b. Twill line of any outside part not running in specified direction	3
VI. <u>SEAMS AND STITCHING</u>	
a. Accuracy of seaming:	
1. Seam puckered (unless otherwise classified)	1
2. Seam irregular, pleated, or wavy (unless otherwise classified)	1
3. Any part of hood caught in unrelated operation or stitching	2
4. End of stitching when not caught in another seam or stitching not back-stitched as specified (except attaching labels)	1
5. Stitching overlapping ends of thread break less than 1/2 inch or more than 1 inch	1
6. Ends of a continuous line of stitching overlapped less than 1/2 inch or more than 1 inch	1

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
A. GENERAL DEFECTS (contd.)	
VI. <u>SEAMS AND STITCHING</u> (contd.)	
a. Accuracy of seaming: (contd.)	
7. Shade of thread used on outside not as specified	2
8. Needle perforation visible on outside	2
b. Gauge of stitching and seam allowance:	
1. Gauge irregular	1
2. Gauge not within range specified or varies more than 1/16 inch when no range is specified (score only when the condition exists on more than 1/2 the length of the seam)	1
3. Edge, top, or raise stitching sewn too close to edge, resulting in damage to cloth	3
4. Seam allowance not as specified by 1/8 inch or more (Score only when the condition exists on more than 1/2 the length of the seam) (as applicable)	2
c. Open seams:	
1. On outside:	
(a) -up to 1/2 inch, inclusive	1
(b) -more than 1/2 inch up to 2 inches, inclusive	2
(c) -more than 3/4 inch	3
2. On inside:	
(a) -more than 3/8 inch up to 2 inches, inclusive	1
(b) -more than 2 inches	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
A. GENERAL DEFECTS (contd.)	
VI. <u>SEAMS AND STITCHING</u> (contd.)	
d. Runoff, skipped, or broken stitches:	
1. On joining seams, score as open seams	-
2. Edge or raise stitching (more than 1/4 inch)	1
e. Raw edge:	
1. On outside:	
(a) -up to 3/4 inch, inclusive	2
(b) -more than 3/4 inch	3
2. On inside - more than 1 inch	1
f. Seam and stitch type:	
1. Not specified seam or stitch type	2
2. Any line of stitching omitted	3
3. Any line of stitching not beginning or ending where specified (unless otherwise classified herein)	1
g. Stitch tension:	
1. Loose tension resulting in loosely exposed loops of lower or top thread (score only when the condition exists on more than 1/2 the length of seam)	2
2. Tight tension (stitches break when normal strain is applied in the direction of the seam or stitching)	3
h. Stitches per inch (to be scored only when the condition exists on the major portion of seam or stitching):	
1. Two or more than the maximum specified	1
2. Less than the minimum specified:	
(a) -by one or two stitches	1
(b) -by three or more stitches	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
A. GENERAL DEFECTS (contd.)	
VI. <u>SEAMS AND STITCHING</u> (contd.)	
i. Bartacking, backtack, tack, or tacking one or more:	
1. Missing, insecure, misplaced or not as specified size or type:	
(a) -for attachment (unless otherwise specified	2
(b) -for reinforcement	1
B. DETAILED DEFECTS	
VII. <u>BUTTONHOLE(S) OR SEWN EYELET</u>	
a. Omitted, added, not specified type	3
b. Misplaced or not positioned as specified or placed more than 1/2 inch from pattern location; out of alignment resulting in bulge or twist when buttoned	1
c. Uncut buttonhole, incomplete stitching, or stitching not securely caught in fabric, or not finished as specified	2
d. Ragged, broken stitches or two or more skipped stitches	2
e. Stitches per buttonhole or eyelet not as specified	2
f. Finished cut length not as specified	1
g. Gimp omitted in one or more buttonholes or not on the underside (applicable to MIL-H-85037)	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
VIII. <u>BUTTON(S)</u>	
a. Omitted, misplaced, out of alignment, broken or insecurely sewn	2
b. Shank wrapping or tacking omitted or insecure on one or both hand sewn button (when applicable)	1
c. Defective	2
IX. <u>BUTTON LOOP</u> (applicable to MIL-H-47024, MIL-H-43555, and MIL-H-85037)	
a. Omitted or misplaced	3
b. Finished loop opening not as specified	2
c. One or both ends not caught in stitching	3
X. <u>METAL EYELET</u> (applicable to MIL-H-43555)	
a. One or more eyelets insecurely clinched	3
b. Sharp, broken, bent, rough, cracked or split edge	3
c. Clinched too tightly, cutting surrounding fabric	3
d. Reinforcement eyelet piece omitted	2
e. Diameter of eyelets not as specified	1
f. Material pleated around eyelet	1



## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XI. <u>SNAP FASTENER</u> (applicable to MIL-H-43555 and MIL-H-85037)	
a. One or more clinched too tightly cutting surrounding fabric	3
b. Stud or socket mismatched	3
c. Color not as specified	1
d. Any stud not aligned with the socket causing a noticeable bulge or twist when snapped closed	2
e. Not positioned as specified or missing	3
XII. <u>SLIDE FASTENER</u> (applicable to MIL-H-85037 and MIL-H-17024)	
a. Any part of slide fastener assembly defective or missing, cut or tear in slide fastener tape, scoops of chain unevenly matched or stitching too close to metal edge not permitting slider to pass freely	3
b. Tape set too loose or too tight causing bulge, twist, or fullness in closed position, top end of tape not caught as specified, staple not securely clinched at bottom of chain or slide fastener chain misplaced (set too high or too low) on tape, not attached as specified	3
c. Retainer portion is less than 1/2 inch or more than 3/4 inch from the bottom of the hood (applicable to MIL-H-85037)	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XIV. <u>FASTENER TAPE</u> (applicable to MIL-H-29101, MIL-H-85037, and MIL-H-43555) (contd.)	
c. Either part not stitched on all four sides and through center with two rows of stitchings (applicable to MIL-H-43555)	2
d. Not color specified	1
XV. <u>WIRE POLYETHYLENE</u> (applicable to MIL-H-17024)	
a. Ends not turned or not facing visor interlining	1
b. Stitched to narrower visor interlining	2
XVI. <u>BRIM ADJUSTING WIRE</u> (applicable to MIL-H-43555)	
a. Cut length less than 44-1/4 inches or more than 45 inches	1
b. Loop on one or both ends omitted	3
c. End of wire loop finishing less than 2-1/4 inches or more than 2-3/4 inches from bottom of hood at right side	1
d. Reinforcement pieces omitted	2
e. Row of stitching on back edge of reinforcement pieces to chin lining omitted	1
XVII. <u>INTERLINING</u> (except MIL-H-43555)	
a. Not as specified	3
b. Pieces abutted too closely to allow visor to swing freely (applicable to MIL-H-17024)	3
c. Stitched to bottom ply of visor (applicable to MIL-H-17024)	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XVII. <u>INTERLINING</u> (except MIL-H-43555)	
d. Pleated, tight, or twisted causing puckering or fullness on visor or storm flap (as applicable)	2
e. Row of stitching between inner edges omitted or caught on visor interlining pieces (applicable to MIL-H-17024)	1
XVIII. <u>SYNTHETIC FUR RUFF</u> (except MIL-H-19101)	
a. Not positioned as specified	3
b. Twisted in stitching to brim or visor (as applicable)	3
c. Synthetic fur noticeably caught in stitching	1
d. Fullness on fur ruff between rows of stitching	1
e. Ruff formed with more than three strips or any fur missing (acceptable to MIL-H-85037)	2
f. Natural lie of the fur in any end piece not in the up direction towards the hood opening slide, fastener (applicable to MIL-H-85037)	2
XIX. <u>MOUTON OR ALPACA</u> (applicable to MIL-H-85037)	
a. Any alpaca pile missing, crushed, uncut, or improperly formed	2
b. Any portion rotted, stiff or boardy, with bare spots, or lack of flexibility	3
c. Not dressed correctly (coarse, hard, or brittle)	2
d. Natural lay of fur not in direction specified	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XX. <u>EAR PODS</u> (applicable to MIL-H-29101, type I hood)	
a. Missing or not as specified	3
b. Seam on ear pod not facing direction specified	1
XXI. <u>NECK LOOP</u> (applicable to MIL-H-29101)	
a. Not constructed or attached as specified	1
b. Finished free opening not length specified	1
c. Off center by 1/4 inch or more	1
XXII. <u>NOSE PROTECTIVE FLAP</u> (applicable to MIL-H-29101)	
a. Not located as specified	3
b. Reversed	3
XXIII. <u>BINDING</u> (applicable to MIL-H-29101 and MIL-H-17024)	
a. Not bias cut	2
b. Finished width not as specified	2
c. Overlapping of binding on hood periphery not located at neckband bottom edge at neckloop (applicable to MIL-H-29101)	1
d. Binding twisted, tight, or causing pleats or puckers	2
e. Binding not securely caught, causing binding to pull away from fabric	1
f. Binding strip not seamless on visor (applicable to MIL-H-29101)	1
g. Binding spliced with more than one joining seam	1

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXIV. <u>DRAWCORDS OR DRAWSTRING AND PULL CORD</u> (applicable to MIL-H-43555 and MIL-H-85037)	
a. Cut length not as specified	2
b. Not knotted at any end	1
c. Face drawcord caught in tunnel stitching restricting use of drawcord (applicable to MIL-H-43555)	3
d. Keeper less than 1-3/8 inches (3.49 cm) or more than 1-5/8 inches (4.12 cm) long or less than 1/2 inch (12.70 mm) or more than 1/2 inch (12.70 mm) or more than 3/4 inch (19.05 mm) wide (applicable to MIL-H-43555)	1
e. Any hole in keeper too large or too small interfering with proper function of keeper, i.e., immovable or falls freely from set position (applicable to MIL-H-43555)	1
f. Drawcords not crossed in tunnel (applicable to MIL-H-43355)	1
g. Pull cord not crossed or not crossed above bartack (applicable to MIL-H-43355)	1
h. Eyelet stay piece finished less than 1 inch (2.54 cm) or more than 1-1/8 inches (2.85 cm) in length (applicable to MIL-H-43555)	1
i. End of one or both face drawcords insecurely tacked (or bartacked to hood) (applicable to MIL-H-43555)	3
j. Pull cord insecurely bartacked at center to top of hood at center seam (applicable to MIL-H-43555)	1
k. Dipping or impregnation omitted on one or more free ends (applicable to MIL-H-43555)	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXIV. <u>DRAWCORDS OR DRAWSTRING AND PULL CORD</u> (applicable to MIL-H-43555 and MIL-H-85037) (contd.)	
1. Not bartacked to pile lining (applicable to MIL-H-85037)	3
XXV. <u>NECK BAND</u> (applicable to MIL-H-17024)	
a. Inverted pleat omitted	1
b. Pleat out of alignment with center back seam of shoulder skirt by more than 1/4 inch	1
c. Inverted pleat reversed	1
XXVI. <u>LINING</u>	
a. Any component part of lining constructed with fleece side against coated side of basic material	3
b. Lining short, twisted, or tight causing shell to be twisted or full on the outside	3
c. Lining exposed or visible on outside of hood	1
d. Ear openings omitted (applicable to MIL-H-29101, type I only)	3
e. Ear openings not overedged as specified (applicable to MIL-H-29101, type I only)	3
f. Pile side not exposed on any section (applicable to MIL-H-85037)	3
XXVII. <u>FRONT CLOSURE</u> (applicable to MIL-H-17024 and MIL-H-85037)	
a. Fronts uneven in length at the neck or at the bottom, when the slide fastener is closed, more than 1/4 inch	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXVII. <u>FRONT CLOSURE</u> (applicable to MIL-H-17024 and MIL-H-85037) (contd.)	
b. Any facing short, tight, or twisted causing puckers or twists on the outside of the fronts	2
c. Flap not on right side (applicable to MIL-H-85037)	1
XXVIII. <u>ADJUSTMENT STRAPS</u> (applicable to MIL-H-17024 and MIL-H-29101)	
a. Reversed assembly, i.e., pull of hood adjustment strap not towards right end when worn (applicable to MIL-H-17024) or rear when worn (applicable to MIL-H-29101)	1
b. Finished lengths of strap not as specified	2
c. One or more straps omitted, improperly positioned or secured	3
d. Any strap threaded incorrectly through buckle	2
e. One or more straps secured other than specified manner	2
f. Reversed assembly, i.e., stud and post on short portion of underarm strap and cap and socket on shoulder skirt	1
XXIX. <u>DARTS</u> (applicable to MIL-H-17024)	
a. Other than cut type	2
b. One or more omitted	3
c. Finished length of inside or outside darts less than 1-3/4 inches (or more than 2-1/4 inches)	1

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXIX. <u>DARTS</u> (applicable to MIL-H-17024)	
d. End of dart not properly tapered causing an unsightly bulge	1
XXX. <u>STORM CURTAIN</u> (applicable to MIL-H-43555)	
a. Left end extending 3/16 inch or more beyond edge of brim	2
b. Top edge of storm curtain less than 1-1/2 inches (3.81 cm) or more than 1-5/8 inches (4.12 cm) above skirt joining seam	1
XXXI. <u>VISOR</u> (applicable to MIL-H-17024 and MIL-H-29101)	
a. Improperly set or joined	2
b. Not located as specified	2
c. Finished width less than 4-1/4 inches or more than 4-3/4 inches (applicable to MIL-H-17024)	2
d. Finished free edge of visor (with attached bindings less than 1-3/4 inches or more than 2-1/4 inches (applicable to MIL-H-17024)	1
e. Interlining caught in any row of stitching along inner concaved edge	1
f. Underply tight, short, or twisted causing fullness or twist on outside of visor	2



## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXXII. <u>BRIM</u> (applicable to MIL-H-43555)	
a. Diagonal rows of stitching omitted	1
b. Stitching forming adjusting wire tunnel:	
1. Omitted	2
2. Less than 1/2 inch or more than 5/8 inch from front edge	1
c. Hood lining lapped on underply of brim at joining seam	1
d. Brim twisted by tunnel stretchings	2
e. Points of diagonal stitching from front or back edge of brim less than 1/2 inch or more than 5/8 inch	1
XXXIII. <u>HOOD PART</u> (applicable to MIL-H-43555)	
a. Panels not lapped as specified	1
b. Raised stitching on cut across seam on top of hood omitted	1
c. End of cut across seam not tapered, causing unsightly bulge	2
d. Hood twisted, by tunnel stitching	2
e. One or both rows of stitching forming tunnel omitted	3
f. Rows of stitching forming tunnel more than 7/8 inch or less than 5/8 inch apart	1
g. Hood pleated along storm curtain	1

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXXIV. <u>SKIRT</u> (applicable to MIL-H-43555)	
a. Bottom hem less than 3/16 inch or more than 5/16 inch wide	1
b. Skirt lapped on hood at joining seam	1
XXXV. <u>LABELS</u>	
a. Omitted, incorrect, or illegible	3
b. Misplaced, not located as specified	2
c. Not stitched on all four sides	1
d. Coating or impregnating omitted (if applicable)	2
e. Label caught in buttonhole stitching	2
f. Label caught in boxstitching	2
g. Any label stitched through to outside of hood	1
XXXVI. <u>STORM FLAP</u> (applicable to MIL-H-85037)	
a. Top or underside twisted, puckered, or pleated	2
b. Any edge crooked, underside exposed, or any corner not uniform in shape	2
c. Off center:	
1. -More than 1/4 inch but not more than 1/2 inch	1
2. -More than 1/2 inch	2
d. Twisted or distorted, when buttoned back in position against the helmet portions	2

## MIL-STD-1667B

TABLE II. Classification of defects (contd.)

Defect	Point Value
B. DETAILED DEFECTS (contd.)	
XXXVI. <u>STORM FLAP</u> (applicable to MIL-H-85037) (contd.)	
e. Any interlining missing, tight, short, pleated, or twisted causing twists or puckers on the top or underside of the flap	2
XXXVII. <u>HELMET PANEL CLOSURE TAPE</u> (applicable to MIL-H-85037)	
a. Missing or misplaced	2

6.4.5 Subject term (key word) listing

Clothing  
 Crew, Tank  
 Flyer's  
 Outerwear  
 Parachutist's  
 Protective  
 Purpose, Special

## Custodians:

Navy - NU  
 Army - GL  
 Air Force - 99

## Preparing Activity:

DLA - CT  
 Project No. 8415-0986

## Review Activities:

Navy - AS, MC  
 Air Force - 31, 32, 45, 82

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

<b>I RECOMMEND A CHANGE:</b>		<b>1. DOCUMENT NUMBER</b> MIL-STD-1667B	<b>2. DOCUMENT DATE (YYMMDD)</b> 950118
<b>3. DOCUMENT TITLE</b> Military Standard on Provisions for Evaluating Quality of Hoods: Cold Weather, Extreme Cold Weather, and Flyer's			
<b>4. NATURE OF CHANGE</b> (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)			
<b>5. REASON FOR RECOMMENDATION</b>			
<b>6. SUBMITTER</b>			
<b>a. NAME (Last, First, Middle Initial)</b>		<b>b. ORGANIZATION</b>	
<b>c. ADDRESS (Include Zip Code)</b>		<b>d. TELEPHONE (Include Area Code)</b> (1) Commercial (2) AUTOVON (if applicable)	<b>7. DATE SUBMITTED (YYMMDD)</b>
<b>8. PREPARING ACTIVITY</b>			
<b>a. NAME</b> Defense Personnel Support Center ATTN: DPSC-FQSD (12-3-C)		<b>b. TELEPHONE (Include Area Code)</b> (1) Commercial 215-737-8105	<b>(2) AUTOVON</b> 444-8105
<b>c. ADDRESS (Include Zip Code)</b> 2800 South 20th Street Philadelphia, PA 19145-5099		<b>IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:</b> Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340	