

MIL-STD-1667A  
18 November 1983  
SUPERSEDING  
MIL-STD-1667  
10 December 1975

MILITARY STANDARD  
PROVISIONS FOR EVALUATING QUALITY  
OF

HOODS: COLD WEATHER, EXTREME COLD WEATHER AND FLYERS



FSC 8415

DEPARTMENT OF DEFENSE

Washington, DC 20301

Provisions for Evaluating Quality of Hoods; Cold Weather, Extreme Cold  
Weather and Flyers

MIL-STD-1667A

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: Officer in Charge, Navy Clothing and Textile Research Facility, 21 Strathmore Road, Natick, MA 01760 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

## FOREWARD

This standard provides a standardized procedure for evaluating quality of coated fabric and 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, Flyers

## 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 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 S
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, Flyers

### STANDARDS

#### FEDERAL

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

#### 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 (.91m).

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 (.91m) 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 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 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 hood.

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

#### 4. GENERAL

4.1 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.

#### 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 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 value 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 size of hood 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 below 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.

<u>Examine</u>	<u>Defect</u>
Marking (exterior and interior)	Omitted, incorrect, illegible, of 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 or non-continuous heat sealed seams of polyethylene bag or air holes omitted. Bulging or distorted container.
Content	Number of bundle 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. <u>1/</u> Size shown on one or more hoods not as specified on shipping container. <u>1/</u> (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.

### 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.

Table I. - Sampling provisions for hoods

	Lot size	Sample size	Maximum acceptable point value	
			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
	35,001 and over	500	80	158
Tightened Inspection	Up thru 150	20	4	9
	151 thru 280	32	6	14
	281 thru 500	50	9	22
	501 thru 1200	80	14	31
	1201 thru 3200	125	22	46
	3201 thru 10,000	200	34	69
	10,001 thru 35,000	315	50	102
	35,001 and over	500	73	154
	Lot size	Sample size	Maximum acceptable point value	
			3&2 point value <u>1/</u>	3,2&1 point value
Reduced Inspection	Up thru 280	13	4-6	10
	281 thru 500	20	6-9	14
	501 thru 1200	32	10-14	21
	1201 thru 3200	50	12-15	24
	3201 thru 10,000	80	19-22	36
	10,001 thru 35,000	125	20-26	44
	35,001 and over	200	37-40	64

1/ If the first value is exceeded, but the second value has not been exceeded, accept the lot but reinstate normal inspection (see 6.4.4.b). The second value is the maximum acceptable point value.



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 (6.35mm), inclusive	2
(b) -more than 1/4 inch (6.35mm)	3
2. On inside (longest dimension in any direction):	
(a) -up to 1/4 inch (6.35mm), inclusive	1
(b) -more than 1/4 inch (6.35mm)	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 (12.70mm) (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 aught 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 (2.54cm). (largest dimension in any direction):	
-on outside	1
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

Defect	Point Value
A. GENERAL DEFECTS (cont'd)	
III <u>CLEANNESS</u>	
a. Spot or stain on outside clearly noticeable (largest dimension in any direction):	
1. Up to 3/8 inch (9.52mm), inclusive	1
2. More than 3/8 inch (9.52mm)	2
b. Thread ends - on outside:	
1. More than four but not more than six not trimmed to less than 1/2 inch (12.70mm)	1
2. More than six not trimmed to less than 1/2 inch (12.70mm)	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
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 (3.17mm) (unless otherwise classified herein)	2

Defect	Point Value
A. GENERAL DEFECTS (cont'd)	
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 backstitched as specified (except attaching labels)	1
5. Stitching overlapping ends of thread break less than 1/2 inch (12.70mm) or more than 1 inch (2.54cm)	1
6. Ends of a continuous line of stitching overlapped less than 1/2 inch (12.70mm) or more than 1 inch (2.54cm)	1
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 (1.58mm) 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 (3.17mm) or more (Score only when the condition exists on more than 1/2 the length of the seam) (as applicable)	2

## MIL-STD-1667A

Defect	Point Value
A. GENERAL DEFECTS (cont'd)	
VI SEAMS AND STITCHING (cont'd)	
c. Open seam:	
1. On outside:	
(a) -up to 1/2 inch (12.70mm), inclusive	1
(b) -more than 1/2 inch (12.70mm) up to 3/4 inch (19.05mm), inclusive	2
(c) -more than 3/4 inch (19.05mm)	3
2. On inside:	
(a) -more than 3/8 inch (9.52mm) up to 2 inches (5.08cm), inclusive	1
(b) -more than 2 inches (5.08cm)	2
d. Runoff, skipped or broken stitches:	
1. On joining seams, score as open seam	-
2. Edge or raise stitching (more than 1/4 inch (6.35mm))	1
e. Raw edge:	
1. On outside:	
(a) -up to 3/4 inch (19.05mm), inclusive	2
(b) -more than 3/4 inch (19.05mm)	3
2. On inside - more than 1 inch (2.54cm)	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

Defect	Point Value
--------	-------------

## A. GENERAL DEFECTS (cont'd)

## VI SEAMS AND STITCHING (cont'd)

- |   |   |
|---|---|
| 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 |
| i. Bartack, backtack, tack or tacking, one or more:   |   |
| 1. Missing, insecure, misplaced or not specified size or type:  |   |
| (a) - for attachment (unless otherwise specified)   | 2 |
| (b) - for reinforcement   | 1 |

## B. DETAILED DEFECTS

## VII BUTTONHOLE(S) OR SEWN EYELET

- |  |   |
|--|---|
| a. Omitted, added, not specified type  | 3 |
| b. Misplaced or not positioned as specified or placed more than 1/2 inch (12.70mm) 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 (MIL-H-85037)   | 2 |

## VIII BUTTON(S)

- |  |   |
|--|---|
| 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 |

## MIL-STD-1667A

Defect	Point Value
--------	-------------

## B. DETAILED DEFECTS (cont'd)

IX BUTTON LOOP (MIL-H-17024 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 METAL EYELET (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 |

XI SNAP FASTENER (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 SLIDE FASTENER (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 tightly 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 (12.70mm) or more than 3/4 inch (19.05mm) from the bottom of the hood (applicable to MIL-H-85037)   | 2 |
| d. Ends of metal chain uneven by (applicable to MIL-H-17024):   |   |
| 1. 1/4 inch (6.35mm) or more but not more than 1/2 inch (12.70mm)   | 1 |
| 2. More than 1/2 inch (12.70mm)   | 2 |
| e. Length of thong not as specified or omitted  | 1 |
| f. Thong not secured properly   | 1 |
| g. Not specified type, size pull or style   | 3 |

## MIL-STD-1667A

Defect	Point Value
--------	-------------

XIII BUCKLES (applicable to MIL-H-17024 and MIL-H-29101)

- a. Not type, size or color as specified 2
- b. Broken, bent, sharp area or rough edges 3

XIV FASTENER TAPE (applicable to MIL-H-29101 MIL-H-85037 and MIL-H-43555)

- a. Misplaced, i.e., out of position in excess of 1/4 inch (6.35mm) 3
- b. Not type or width specified 2
- c. Either part not stitched on all four sides and through center with two rows of stitchings (MIL-H-43555) 2
- d. Not color specified 1

XV WIRE POLYETHYLENE (MIL-H-17024)

- a. Ends not turned or not facing visor interlining 1
- b. Stitched to narrower visor interlining 2

XVI BRIM ADJUSTING WIRE (MIL-H-43555)

- a. Cut length less than 44 1/4 inches (112.39cm) or more than 45 inches (114.30cm) 1
- b. Loop on one or both ends omitted 3
- c. End of wire loop finishing less than 2 1/4 inches (5.71cm) or more than 2 3/4 inches (6.98cm) 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 INTERLINING (except MIL-H-43555)

- a. Not as specified 3
- b. Pieces abutted too closely to allow visor to swing freely (MIL-H-17024) 3
- c. Stitched to bottom ply of visor (MIL-H-17024) 2
- 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 (MIL-H-17024) 1

Defect	Point Value
<u>XVIII SYNTHETIC FUR RUFF</u> (except MIL-H-29101)	
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 (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 (MIL-H-85037)	2
<u>XIX MOUTON OR ALPACA</u> (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
<u>XX EAR PODS</u> (MIL-H-29101 type I hood)	
a. Missing or not as specified	3
b. Seam on ear pod not facing direction specified	1
<u>XXI NECK LOOP</u> (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 (6.35mm) or more	1
<u>XXII NOSE PROTECTIVE FLAP</u> (MIL-H-29101)	
a. Not located as specified	3
b. Reversed	3
<u>XXIII BINDING</u> (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, 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 (MIL-H-29101)	1
g. Binding spliced with more than one joining seam	1



Defect

Point Value

## B. DETAILED DEFECTS (cont'd)

XXIV DRAWCORDS OR DRAWSTRING AND PULL CORD (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 (3.49cm) or more than 1 5/8 inches (4.12cm) long or less than 1/2 inch (12.70mm) or more than 3/4 inch (19.05mm) wide (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 (MIL-H-43555)             | 1 |
| f. | Drawcords not crossed in tunnel (MIL-H-43555)   | 1 |
| g. | Pull cord not crossed or not crossed above bartack (MIL-H-43555)  | 1 |
| h. | Eyelet stay piece finished less than 1 inch (2.54cm) or more than 1 1/8 inches (2.85cm) in length (MIL-H-43555)   | 1 |
| i. | End of one or both face drawcords insecurely tacked (or bartacked to hood) (MIL-H-43555)  | 3 |
| j. | Pull cord insecurely bartacked at center to top of hood at center seam (MIL-H-43555)  | 1 |
| k. | Dipping or impregnation omitted on one or more free ends (MIL-H-43555)  | 2 |
| l. | Not bartacked to pile lining (MIL-H-85037)  | 3 |

XXV NECK BAND (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 (6.35mm) | 1 |
| c. | Inverted pleat reversed   | 1 |

XXVI LINING

- |    |   |   |
|----|---|---|
| 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 (MIL-H-29101 type I only)  | 3 |
| e. | Ear openings not overedged as specified (MIL-H-29101 type I only)                               | 3 |
| f. | Pile side not exposed on any section (MIL-H-85037)  | 3 |

## MIL-STD-1667A

Defect	Point Value
B. DETAILED DEFECTS (cont'd)	
XXVII <u>FRONT CLOSURE</u> (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 (6.35mm)	2
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> (MIL-H-17024 and MIL-H-29101)	
a. Reversed assembly, i.e., pull of hood adjustment strap not towards right end when worn (MIL-H-17024) or rear when worn (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> (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 (4.44cm) or more than 2 1/4 inches (5.71cm)	1
d. End of dart not properly tapered causing an unsightly bulge	1
XXX <u>STORM CURTAIN</u> (MIL-H-43555)	
a. Left end extending 3/16 inch (4.76mm) or more beyond edge of brim	2
b. Top edge of storm curtain less than 1 1/2 inches (3.81cm) or more than 1 5/8 inches (4.12cm) above skirt joining seam	1
XXXI <u>VISOR</u> (MIL-H-17024 and MIL-H-29101)	
a. Improperly set or joined	2
b. Not located as specified	2

MIL-STD-1667A

Defect	Point Value
--------	-------------

## B. DETAILED DEFECTS (cont'd)

## XXXI VISOR (MIL-H-17024 and MIL-H-29101) (cont'd)

- |  |   |
|--|---|
| c. Finished width less than 4 1/4 inches (10.79cm) or more than 4 3/4 inches (12.06cm) (applicable to MIL-H-17024)                                     | 2 |
| d. Finished free edge of visor (with attached bindings) less than 1 3/4 inches (4.44cm) or more than 2 1/4 inches (5.71cm) (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 |

## XXXII BRIM (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 (12.70mm) or more than 5/8 inch (15.87mm) from front edge  | 1 |
| c. Hood lining lapped on underply of brim at joining seam  | 1 |
| d. Brim twisted by tunnel stitchings   | 2 |
| e. Points of diagonal stitching from front or back edge of brim less than 1/2 inch (12.70mm) or more than 5/8 inch (15.87mm) | 1 |

## XXXIII HOOD PART (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 (22.25mm) or less than 5/8 inch (15.87mm) apart | 1 |
| g. Hood pleated along storm curtain  | 1 |

## XXXIV SKIRT (MIL-H-43555)

- |   |   |
|---|---|
| a. Bottom hem less than 3/16 inch (4.76mm) or more than 5/16 inch (7.93mm) wide | 1 |
| b. Skirt lapped on hood at joining seam   | 1 |

## MIL-STD-1667A

Defect	Point Value
--------	-------------

## B. DETAILED DEFECTS (cont'd)

XXXV LABELS

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 STORM FLAP (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
e. Any interlining missing, tight, short, pleated, or twisted causing twists or puckers on the top or underside of the flap	2

XXXVII HELMET PANEL CLOSURE TABS (MIL-H-85037)

a. Missing or misplaced	2
-------------------------	---

## Custodians:

Navy - NU  
 Army - GL  
 Air Force- 11

## Preparing Activity:

Navy - NU

Project No. 8415-0259

## Review activities:

Navy - AS, MC  
 Air Force - 99

**STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL***(See Instructions – Reverse Side)***1. DOCUMENT NUMBER**

MIL-STD-1667A

**2. DOCUMENT TITLE**

HOODS: COLD WEATHER, EXTREME COLD WEATHER AND FLYERS

**3a. NAME OF SUBMITTING ORGANIZATION****4. TYPE OF ORGANIZATION (Mark one)**☐

VENDOR

☐

USER

☐

MANUFACTURER

☐

OTHER (Specify): \_\_\_\_\_

**b. ADDRESS (Street, City, State, ZIP Code)****5. PROBLEM AREAS****a. Paragraph Number and Wording:****b. Recommended Wording:****c. Reason/Rationale for Recommendation:****6. REMARKS****7a. NAME OF SUBMITTER (Last, First, MI) – Optional****b. WORK TELEPHONE NUMBER (Include Area Code) – Optional****c. MAILING ADDRESS (Street, City, State, ZIP Code) – Optional****8. DATE OF SUBMISSION (YYMMDD)**