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Bid Fax: (819) 997-9776**

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

**Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Clothing and Textiles Division / Division des vêtements
et des textiles
11 Laurier St./ 11, rue Laurier
6A2, Place du Portage
Gatineau, Québec K1A 0S5

| | |
|---|--|
| Title - Sujet Flyers Coveralls/Combinaison | |
| Solicitation No. - N° de l'invitation W8486-184259/A | Amendment No. - N° modif. 008 |
| Client Reference No. - N° de référence du client 6000410451 | Date 2018-04-25 |
| GETS Reference No. - N° de référence de SEAG PW-\$\$PR-735-74413 | |
| File No. - N° de dossier pr735.W8486-184259 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-05-07 | Time Zone Fuseau horaire Eastern Daylight Saving Time EDT |
| F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: Swanson, Manon | Buyer Id - Id de l'acheteur pr735 |
| Telephone No. - N° de téléphone (819) 420-2945 () | FAX No. - N° de FAX (819) 956-5454 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: | |

Instructions: See Herein

Instructions: Voir aux présentes

| | |
|--|--|
| Delivery Required - Livraison exigée | Delivery Offered - Livraison proposée |
| Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur | |
| Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur | |
| Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie) | |
| Signature | Date |

Solicitation No. - N° de l'invitation
W8486-184259/A
Client Ref. No. - N° de réf. du client
W8486-184259

Amd. No. - N° de la modif.
008
File No. - N° du dossier
pr735. W8486-184259

Buyer ID - Id de l'acheteur
pr735
CCC No./N° CCC - FMS No./N° VME

This amendment is raised to provide response to the question received from the industry and to revise the Annex B accordingly

Question and Answer:

Question:

In the specification of the above tender under ANNEX B, Para 3.7.4 upper portion – back:
It reads two vertical pleats positioned 7.5" from center back. Each pleat must be 2" deep and pressed towards center back.
Depending where you measure the pleat from the government pattern either measures 7" to inner pleat fold or 9" to exterior pleat fold.
Could you please advise where they are measuring this distance to, whether it is to the outer visible edge of the pleat or to the inner folded edge? To achieve the requested measurement we will have to move the pleat from indicated position on the government paper pattern

Answer:

Specification has been amended to read 7-inches instead of 7-1/2 inches. Do not modify pattern.
Measure 7 inches (17.8cm) from the centre back to the inner pleat fold

3.7.4 Upper portion - Back. The action back consists of two vertical pleats positioned 7 inches (17.8cm) from the centre back. Each pleat must be 2-inches +/-1/4-inch (5cm +/-6.4mm) deep and pressed towards the centre back. Each pleat must be stitched at 1/16 inch (1.6 mm) gauge (wrong side) and 1/4-inch (6.3 mm) gauge (right side).

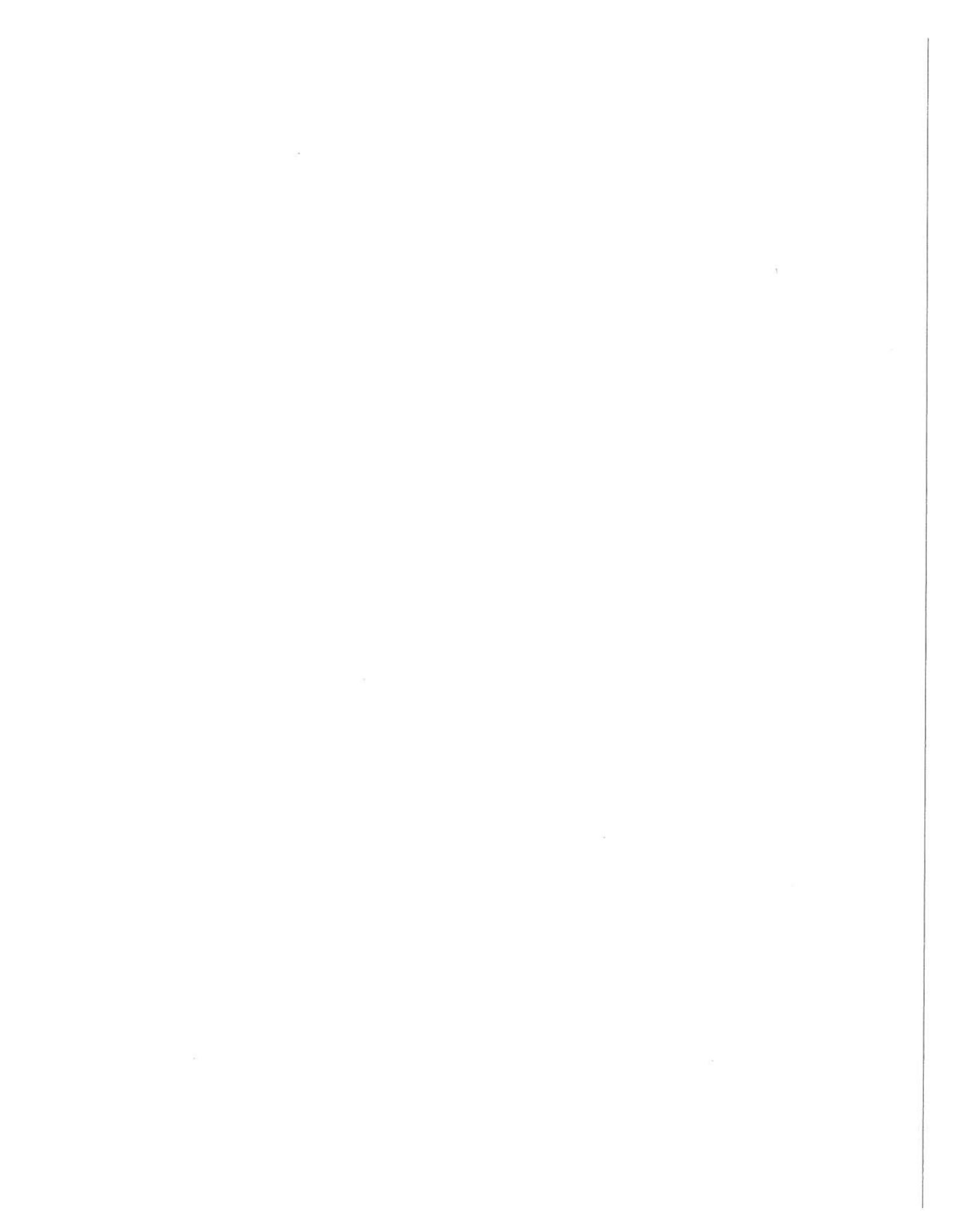
At Annex B

Delete: Revision – 16-03-2018 in it's entirety

Insert: the Attached Annex B

Revision – 23-04-18

All other terms and conditions remain unchanged





NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

AVIS

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.

Annex B
W8486-184259
DSSPM 2-6-87-3951
26 January 2017
Supersedes
DSSPM 2-6-87-3951
Dated 12 October, 2010
& DSSPM 2-6-87-1073,
All versions

Revision 16-03-2018:

Para 3.4.4 Slide fasteners: Insert Paragraph 3.4.4.1-3.4.4.9

Revision 23-4-2018:

Para 3.7.4 Change 7-1/2 inches (19 cm) to 7 inches (17.8cm)

**MANUFACTURING DATA
FOR
COVERALLS, FLYERS', COMBAT, FLAME RESISTANT**

1. SCOPE

1.1 Scope. This Manufacturing Data covers the materials, design, construction and inspection for Coveralls, Flyers', Combat, FR. These coveralls supersede the Air Force Green (NSN 8415-21-921-1073 A/A) and Tan (NSN 8415-20-001-9525 A/A) coveralls made in accordance with DSSPM 2-6-87-1073.

1.2 Classification. The garment must be supplied in one of the following types as specified in the contract:

Type I Coverall, Flyers' Combat, Flame Resistant (FR), Air Force Green
NSN 8415-20-006-3673 A/A

Type II Coverall, Flyers' Combat, Flame Resistant (FR), Tan
NSN 8415-20-009-9950 A/A

2. RELATED DOCUMENTS

2.1 The following documents form part of this Manufacturing Data to the extent specified herein. Unless otherwise specified, the issue or amendment of documents effective for a particular contract must be those in effect on the invitation to tender or the contract.

2.2 Government documents.

OPI/BPR: DSSPM 2-6



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SPECIFICATIONS AND STANDARDS

D-80-001-055/SF-001 Label, Clothing and Equipment
D-80-001-101/SF-001 Webbing, Cotton, Types I and II, Water and Rot Resistant
D-83-001-005/SF-001 Fasteners, Slide, Interlocking
CFPTO-General Canadian Forces Transportation Packaging Order

DRAWINGS

391335 Map Clip

2.3 Other publications. The following documents form part of this manufacturing data to the extent specified herein. Effective date must be that in effect on the date of manufacture. Source is as shown:

Canadian General Standards Board (CGSB) Sales Unit
11 Laurier Street
Place du Portage, Phase III
Gatineau, Quebec K1A 1G6
Tel: (819) 956-0425
Alternate Tel: (800) 665-2472
Email: ncr.cgsb-ongc@pwgsc.gc.ca

CAN/CGSB-4.2-M Textile Test Methods
CAN/CGSB-54.1-M Stitches and Seams, Parts I and II
CAN/CGSB-86.1-2003 Care Labelling of Textiles
CAN/CGSB-155.1-2001 Fire Fighters Protective Clothing for Protection Against Heat and Flame

General Services Administration (FED-STD)
Federal Supply Service
FSS Product Acquisition Center
Supply Standards Division (FLAS)
Arlington, VA
22202 USA
Telephone: 703-605-2567
Email: jennifer.moffat@gsa.gov
Download Documents: <http://assist.daps.dla.mil/quicksearch/>

A-A-55217 Thread, Aramid, Spun Staple
A-A-55126A Commercial Item Description - Fastener Tapes, Hook and Loop, Synthetic

2.4 DSSPM Documents. The following documents form part of the Technical Data Package for Coveralls, Flyers', Combat, Flame Resistant:

This document does not contain controlled goods. / Cette documentation ne contient pas de marchandises contrôlées.

DSSPM 2-2-80-217 Specification for Cloth, Plain Weave, Flame Resistant, Aramid, 185 g/m²

2.5 Figures. The following Figures from part of this Manufacturing Data. Figures are not to scale.

| | |
|------------|---|
| Figure I | Front and Back View |
| Figure II | Garment Components |
| Figure III | Pocket Systems |
| Figure IV | Pocket Systems II |
| Figure V | Waist Suppression System |
| Figure VI | Care and Marking Label – Types I and II |
| Figure VII | Template for upper sleeve loop tape patches |

2.6 Sealed patterns

| | |
|--------------|---|
| DSSPM 103-12 | Coverall, Flying, Combat, FR (For construction of Types I and II Coveralls) |
| DSSPM 253-04 | Cloth, Plain Weave, Aramid, 185 g/m ² , Air Force Green |
| DSSPM 254-03 | Cloth, Plain Weave, Aramid, 200 g/m ² , Tan (colour guidance only) |

***Note:** Sealed Pattern DSSPM 103-12 has the following deviations:

1. All material and colour requirements must be that stated in Para 3.4;
2. There must be shoulder straps as specified in Para 3.7.6 Shoulder Straps
3. There must be loop tape attachments as specified in Para 3.4.6, Table II:
 - i. Loop tape fasteners for name and trade badge patches as specified in Para 3.7.3;
 - ii. Hook and loop closure for shoulder straps as specified in Para 3.7.6.4 & 3.7.6.6;
 - iii. Loop fastener tape for the attachment of the Canadian Flag as specified in Para 3.7.8;
 - iv. Loop fastener tapes for the attachment of the upper arm badges, as specified in Para 3.7.9.

2.7 Paper patterns. DND will provide the paper patterns for all sizes under Style Code **CFC30** to the contractor. Size 7040 (**REG/MED**) will be used for tendering purposes.

3 REQUIREMENTS

3.1 Sealed pattern. A sealed pattern, when available, will be supplied to the

Contractor. The sealed pattern will constitute the standard in regard to any properties not defined in the Manufacturing Data.

3.2 Design. The design for the coveralls must be in accordance with Sealed Pattern *DSSPM 103-12 and must have the following features:

- a. Rounded, stand up collar;
- b. Shoulder straps with hook and loop fastener tape;
- c. Slide fastener front closure with fly guard;
- d. Breast patch pockets with slide fastener closures;
- e. Patch pocket with slide fastener on the upper sleeve;
- f. Quarter top pockets on each front hip;
- g. Patch pockets with pencil pockets and slide fastener closures on the bottom front of each leg;
- h. Patch pocket with map clip holder on each thigh;
- i. Knife pocket on inner thigh of left leg;
- j. Two-piece set-in sleeves with cuffs using hook and loop fastener tape closure;
- k. Waistband with suppressions; and
- l. Loop fastener tape on chest and upper sleeves for adhesion of name tape, insignia and badges.

3.2.1 The garment components must be shaped, dimensioned and positioned in accordance with the Government supplied Paper Patterns, the applicable Figures, and Table I - Scale of Measurements.

3.3 Preproduction. Preproduction samples must be completely representative of the final product, being made from parts and materials as specified and by equipment and processes which will be used in quantity production.

3.4 MATERIALS

3.4.1 Shell material.

3.4.1.1 For Type I and II Coveralls. The shell material for Coveralls Type II and II must be in accordance with DSSPM 2-2-80-217. The colour used for Type I Coveralls must be Aviation Green in accordance with DSSPM 253-04. The colour used for Type II Coveralls must be Tan in accordance with DSSPM 254-03.

3.4.2 Map clip holders and pencil pockets. The material used must be webbing, Type I, Identification No. 8, 2 inches (5.0 cm) wide conforming to D-80-001-101/SF-001. The colour used for Coverall Type I and II must be a good match to the shell.

3.4.3 Map clips. The map clips must be in accordance with Drawing 391335. The colour must be black. Unless otherwise specified, these items will not be supplied by the Government. Suggested sources for the map clip are:

Integrated Plastic Inc.
170 Commander Blvd.
Agincourt, Ontario
M1S 3C8 or

Texfast Group Ltd.
88 Tycos Drive
Toronto, Ontario
M6B 1V9

3.4.4 Slide fasteners.

3.4.4.1The slide fasteners must have brass interlocking members with automatic locking sliders conforming to D-83-001-005/SF-001.

3.4.4.2Slide fasteners must be flame resistant in accordance with CAN/CGSB-155.1-2001, para 5.1.2.

3.4.4.3The metal components must have a dull or antique finish.

3.4.4.4 The tapes must be made with flame resistant fibres woven using a twill weave and must be a good match to the shell colour.

3.4.4.5 When tested in accordance with the applicable test methods, the slide fasteners must meet the requirements for colourfastness, strength and flame resistance.

3.4.4.6 The colour used for Type I Coverall must be Air Force Green as shown on Sealed Pattern DSSPM 253-04.

3.4.4.7 The colour used for Type II Shirts must be Tan as shown on Sealed Pattern DSSPM 254-03

3.4.4.8 All slide fasteners must have a Nomex pull matching the shell fabric.

3.4.4.9 The detailed requirements for the various types and lengths are in the Table I. (attached)

TABLE I: SLIDE FASTENER DETAILS

| | LOCATION | CLASS | TYPE | LENGTH OF CHAIN (inches) |
|---|-----------------|--------------|-------------|---|
| 1 | Front closure | 3 | 13 | As shown on the Table I - Scale of Measurements |

This document does not contain controlled goods. / Cette documentation ne contient pas de marchandises contrôlées.

| | | | | |
|---|---|---|----|------------------------|
| 2 | Breast pockets | 3 | 15 | 6-1/2 inches (16.5 cm) |
| 3 | Left thigh, right thigh, and knife pocket | 3 | 15 | 6-inches (15.2 cm) |
| 4 | Sleeve pockets | 3 | 15 | 6 inches (15.2 cm) |
| 5 | Lower leg pockets | 3 | 15 | 9 inches (22.9 cm) |
| 6 | Leg suppressions | 3 | 1 | 11 inches (27.9 cm) |

Note: YKK FR slide fastener products (3939 Thimens Blvd, Ville St-Laurent, QC H4R 1X3 Tel.: (514) 332-3356) have been found to meet these requirements.

3.4.5 Piping cord. The piping cord material to be used for reinforcing the front centre, covering the slide fastener must be No. 20 Polyester. Piping cord should be white, covered in shell material. See also 3.7.36 remove piping cord, add piping of shell material.

3.4.6 Hook and loop fastener tape. The hook and loop fastener tape must conform to Type II, Class 1 with a flame retardant finish in accordance with A-A-55126A. The colour must be a good match to the shell. The lengths and widths are defined in Table II.

TABLE II: HOOK AND LOOP FASTENER TAPE DETAILS

| LOCATION | | FASTENER TAPE - HOOK | | | | FASTENER TAPE - LOOP | | | |
|----------|--|----------------------|-----|--------|-----|-------------------------|------|--------|------|
| | | width | | length | | width | | length | |
| | | in | cm | in | cm | in | cm | in | cm |
| 1 | Waist suppression unit | 1 | 2.5 | 2 | 5.0 | 1 | 2.5 | 5 | 12.7 |
| 2 | Shoulder strap | 1 | 2.5 | 1 | 2.5 | 1 | 2.5 | 1 | 2.5 |
| 3 | Chest - name and trade badges | n/a | | | | 2 | 5.0 | 3-3/4 | 9.5 |
| 4 | Upper left sleeve – Canada Flag badge | n/a | | | | 1 | 2.5 | 2 | 5.1 |
| 5 | Upper left sleeve – round - Designator badge (Figure VIII) | n/a | | | | 3-3/4 in (8.25 cm) dia. | | | |
| 6 | Upper right sleeve – shape Heraldic badge (Figure VIII) | n/a | | | | 3-1/4 | 8.25 | 4-5/16 | 11 |
| 7 | Cuff closure | 1 | 2.5 | 1 | 2.5 | 1 | 2.5 | 2-1/2 | 6.4 |

3.4.7 Thread

This document does not contain controlled goods. / Cette documentation ne contient pas de marchandises contrôlées.

3.4.7.1 For seaming and stitching. The thread must be Thread, Aramid, Spun Staple, Tex 70, in accordance with Type II of A-A-55217. The colour used for Coveralls Type I and II must match the material being sewn.

3.4.7.2 For serging. The thread must be Thread, Aramid, Spun Staple, Tex 40, in accordance with Type I of A-A-55217. The colour must match the material being sewn.

3.4.7.3 Thread for sewing of hook and loop fastener tape. All hook and loop fastener tape must be sewn with Thread, Aramid, Spun Staple thread, Tex 27, in accordance with Type II of A-A-55217. The colour must match the components being sewn. See para 3.6.9 for detailed sewing instructions regarding the hook and loop fastener tape.

3.4.8 Elastic braid. The elastic braid used for the waist suppression must be cotton, rayon or polyester covered neoprene rubber, 1-inch (2.5 cm) wide with 100% stretch and having 54 meters per kilogram (1 kg). The colour must be black or natural.

3.4.9 Marking label. A marking label in accordance with D-80-001-055/SF-001 and a care label in accordance with CAN/CGSB-86.1-2003 must be stitched to the garment.

3.5 Cutting

3.5.1 Garments must be cut using Government supplied paper patterns. Patterns include seam allowance but do not include "make-up" allowance. Individual contractors will be responsible for any changes which may be required for "make-up" allowance to suit their production method. However, the design or grade must not be changed.

3.5.2 Each component must be cut in the direction of the warp unless otherwise indicated on the paper patterns.

3.5.3 The shell parts of each garment must be cut from the same dye lot of material.

3.6 Sewing

3.6.1 All seams and stitches must be in accordance with CAN/CGSB-54.1-M.

3.6.2 Unless otherwise specified, seams must be a minimum of 3/8-inch (9.5 mm) wide.

3.6.2.1 The inherent properties of some FR materials render them prone to fraying. Care must be taken to ensure that all seam allowances must be adhered to without compromise to the shape and finished dimensions outlined in the scale of measurements.

3.6.3 Where double lapped seams are specified, numerical designation 2.04.03 or 2.04.04 of CAN/CGSB-54.1-M must be used. They may be lock or lockstitched, with the needles set 1/4-inch (6.4 mm) apart. All other seams and stitches must be class 300 lock stitch series of CAN/CGSB-54.1-M.

3.6.4 The following seams must be double lapped seams: shoulder seam, sleeve seams, armhole seams, underarm seams, seat and crotch seams, inseams, and side seams.

3.6.5 There must be 8 to 10 stitches per inch (2.5 cm) in all seams and stitches.

3.6.6 The ends of lock stitched seams, stitches and breaks in thread must be securely backstitched.

3.6.7 Where seaming, turning and stitching are specified, the ends must be properly worked out before stitching.

3.6.8 The tension of the needle and bobbin thread must be adjusted to ensure correctly formed stitches.

3.6.9 Hook and loop fastener tape. Hook and loop fastener tape must be stitched around all edges 1/8-inch (3.2 mm) gauge. Care must be taken to ensure stitching is formed into the hook and loop portion of the tape.

3.6.9.1 When tapes wider than 1-inch (2.5 cm) are used, they must be stitched around all edges and through the center or have an 'X' enclosed in the box.

3.6.10 Bartacks. Bartacks must be 3/8-inch (9.5 mm) long and must have not less than 15 cover stitches. As an alternative, an automatic backstitch having 15 to 20 stitches may be used.

3.7 Construction

3.7.1 Upper portion – Front. A dart extending from the waistline to the chest must be sewn in each forepart. The darts must be pressed towards the centre front.

3.7.2 Breast pockets. One patch pocket with covered slide fastener closure across the top and shaped as per the drawing must be placed on each forepart.

3.7.2.1 The top edge of the pocket must be folded under 3/8-inch (9.5 mm), and stitched on folded edge at 1/8-inch (3.2 mm) gauge. Place folded edge over slide fastener covering half the fastener chain and double stitch in place. **Note: The slide fastener must be positioned that the pockets are closed to side seam.**

3.7.2.2 Zip cover. A piece of shell must be folded in three, as indicated on pattern drawing, and free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.2.3 With the pockets placed on their respective foreparts, the front edge and short side edge of each pocket and all three edges of zip cover must be turned under 3/8-inch (9.5 mm). All folded edges must be double needle stitched. The ends of the slide fastener tape must be included in this operation.

3.7.2.4 The finished width of the zip cover must be 3/4-inch (19.1 mm).

3.7.2.5 The remaining raw edges on the underarm, side and waist seams must be serged together.

3.7.3 Loop fastener tape for name and trade badge patches. A piece of loop fastener tape as listed in Table III, must be placed on each front, as indicated on paper patterns, and stitched around all edges.

3.7.4 Upper portion - Back. The action back consists of two vertical pleats positioned 7 inches (17.8cm) from the centre back. Each pleat must be 2-inches +/-1/4-inch (5cm +/-6.4mm) deep and pressed towards the centre back. Each pleat must be stitched at 1/16 inch (1.6 mm) gauge (wrong side) and 1/4-inch (6.3 mm) gauge (right side).

3.7.5 Yoke / joining shoulders. The outer yoke piece must be seamed to the pleated back portion. The front portions must be sandwiched within the yoke, seamed together at the shoulders and finished with a double stitch topstitch. The back inner yoke piece must be turned under and finished using double stitch topstitch.

3.7.6 Shoulder straps. The shoulder straps must be finished with a double stitch topstitch at 1/16 inch (1.6 mm) and 1/4-inch (6.3 mm) gauge along the sides and around the pointed end.

3.7.6.1 A piece of hook portion of fastener tape as listed in Table III, must be centred on the underside of the strap 3/8-inch (9.5 mm) from the point and stitched around all edges.

3.7.6.2 The shoulder strap must be centred across their respective shoulder seam and stitched in place.

3.7.6.3 A piece of loop portion of fastener tape as listed in Table III, must be positioned on the shoulder seam to align with the hook portion on the strap and stitched around all edges. The strap must lie flat when fastened.

3.7.7 Sleeves. The sleeves must be two piece set-in type. A bellows type patch pocket with an inside pencil pocket made from shell material with a covered slide fastener closure along the front edge must be positioned on the upper portion of both sleeves. The pockets must be made of shell material and raw edges must be serged.

3.7.7.1 The front edge of the pocket must be turned under 5/8-inch (15.9 mm) and stitched at 1/8-inch (3.2 mm) gauge. Place folded edge over the slide fastener covering half the fastener chain and double stitch in place.

3.7.7.2 Zipper Cover. A piece of shell must be folded in three, as per indicated on pattern drawing, and free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.7.3 The two bellows cuts at the bottom corners must be serged.

3.7.7.4 The pocket edges must be folded under and stitched at 1/16-inch (1.6 mm) gauge. The zip cover edges must be folded under and double needle stitched. The

ends of the slide fastener tape must be included in this operation.

3.7.7.5 The finished width of the zip cover must be 3/4-inch (19 mm).

3.7.8 Loop fastener tape for Canadian flag. The left sleeve must have a piece of loop fastener tape as listed in Table III for the attachment of a Canadian flag. The loop fastener tape must be centred with the shoulder seam, 1/2-inch (12.7 mm) below the sleeve head, and stitched around all edges.

3.7.9 Loop fastener tapes for upper arm badges. A circular loop fastener tape as listed in Table III and Figure VIII, must be positioned 1/4-inch (6.4mm) below the shoulder flag loop fastener tape on the left sleeve and the heraldic shaped fastener tape as illustrated in Figure VIII positioned 1/2 inch (12.7 mm) below the shoulder seam on the right sleeve.

3.7.10 The upper and under sleeves must be joined along the elbow seam with the upper sleeve overlapping the under sleeve on the outside.

3.7.10.1 The sleeves must be joined to their respective armholes with a double lapped seam. The body must overlap the sleeve on the outside.

3.7.10.2 The shoulder strap must be included in this operation.

3.7.11 Underarm joining. The front, back and underarm must be seamed together with a double lapped seam along the side and underarm seam in a continuous operation. The lap must be towards the back on the outside.

3.7.12 Sleeve pleats. Two pleats must be placed at the bottom of each sleeve.

3.7.12.1 One pleat must be placed in the under-sleeve portion 7/8-inch (22.2 mm) from the underarm seam and the other in the upper-sleeve portion 4-1/2 inches (11.4 cm) from the elbow seam.

3.7.12.2 The pleats must be folded toward the elbow seam and stitched across at the bottom of the sleeve.

3.7.13 Sleeve cuffs. Each cuff must be made from one piece of material.

3.7.13.1 The cuff must be folded in half face to face and seamed across the ends.

3.7.13.2 With the pointed end of the cuff towards the elbow seam, the cuff must be stitched to the lower edge of the sleeve from the inside. The seam must be turned towards the cuff. The pointed end must form an extension of 2-1/2 inches (6.3 cm).

3.7.13.3 The cuff must be turned to the outside, the top edge folded under 3/8-inch (9.5 mm) and double needle stitched or stitched at 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge all around.

3.7.13.4 The straight end of the cuff must be stitched to the cuff extension 2-1/2

inches (6.3 cm) from the point.

3.7.13.5 The finished width must be 2-1/4 inches (5.7 cm).

3.7.14 Cuff closures. A piece of hook portion of fastener tape as listed in Table III, must be centred on the inner ply of each cuff 3/8-inch (9.5 mm) behind the pointed end of the cuff and stitched all around.

3.7.14.1 A piece of loop portion of fastener tape as listed in Table III, must be centred on the outer ply of the cuff 2-1/2 inches (6.3 cm) from the straight edge of the cuff and stitched all around.

3.7.15 Lower portion. Each back portion must have a dart, which is folded towards the centre back.

3.7.16 Side front pockets. Quarter top pockets with pocket bags of shell material must be sewn on each front hip.

3.7.16.1 The top ply of the pocket bag must be seamed along the edge of the pocket opening, turned and stitched at 1/4-inch (6.3 mm) gauge.

3.7.16.2 With the outsides together, the pocket bags must be seamed together, turned and stitched 1/4-inch (6.3 mm) gauge.

3.7.16.3 The side edges of the pocket bag and side seam may be stitched together.

3.7.16.4 A bartack must be placed at the bottom of each side pocket opening on the angle at the bottom corner.

3.7.16.5 The length of the finished opening must be 7 inches (17.8 cm).

3.7.17 Knife pocket. The knife pocket must be a double-jetted patch pocket with a slide fastener closure with a sewn down flap and inside fabric loop. The slide fastener must close towards the top. It is located on the inner thigh of the front left leg.

3.7.17.1 The two jetting must be formed from one single piece of shell, which must be folded in four, as indicated on the pattern drawing.

3.7.17.2 The folded jetting must be placed face down and centred with the pocket opening. The bottom must be stitched across for a distance of 5/8-inch (15.9 mm). The pocket opening must be cut open, separating the jettings, turned and stitched along the fold at 1/16-inch (1.6 mm) gauge.

3.7.17.3 The bottom layer of the jettings must be laid flat and centred over the slide fastener.

3.7.17.4 The top layer of the jettings must be folded under 5/8-inch (15.9 mm) catching the raw edge of the pocket opening and stitched at 1/16-inch (1.6 mm) gauge. The slide fastener tape must be caught in this operation.

3.7.17.5 There must be a second row of stitching at 1/4-inch (6.3 mm) gauge, on each side of the jettings and bottom fold.

3.7.17.6 Knife thong. A loop must be constructed by folding a piece of shell material in half along its length, turning the raw edges in and stitching 1/16-inch (1.6 mm) gauge along each edge.

3.7.17.6.1 The loop must be folded in half across its width, placed inside the pocket 1-inch (2.5 cm) from the slide fastener opening and stitched to the top edge of the pocket. The finished length of the loop must be 2-1/4 inches (5.7 cm).

3.7.17.7 A tuck 1/4-inch (6.3 mm) deep must be folded in the lower edge of the pocket 1-inch (2.5 cm) from the slide fastener opening. The fold must be away from the slide fastener.

3.7.17.8 The knife pocket flap must be folded right sides together along its length and stitched across the ends, turned and stitched 1/16-inch (1.6 mm) gauge along the folded edge.

3.7.17.9 With the pocket and flap placed in position on the left leg, the raw edges must be folded under and double needle stitched or stitched at 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge all around.

3.7.18 Map clip assembly. The cut ends of the webbing must be turned under 1/4-inch (6.3 mm) and stitched at 1/8-inch (3.2 mm) gauge.

3.7.18.1 The bottom of the webbing must be folded back upon itself for 3-1/4 inches (8.2 cm) and stitched along the edges at 1/2-inch (12.7 mm) gauge. The map clip must be inserted, the top folded over the top end of the map clip and stitched at 1/2-inch (12.7 mm) gauge. The finished length must be 4-3/4 inches (12.1 cm).

3.7.18.2 An assembly must be positioned on each, the left and the right, thigh pocket pieces and stitched in place 1/16-inch (1.6 mm) gauge twice around all edges. There must be a reinforcement piece at the bottom of each map clip assembly.

3.7.19 Left thigh pocket with map clip holder. The thigh pocket must be a patch pocket with a covered slide fastener closure, closing to the top, with a map clip in holder and is located on the left front thigh.

3.7.19.1 The front edge of the pocket must be turned under 5/8-inch (15.9 mm) and stitched on folded edge at 1/8-inch (3.2 mm) gauge. The folded edge must be placed over the slide fastener covering half the fastener chain and double stitched in place.

3.7.20 Zip cover. A piece of shell must be folded in three, as per indicated on pattern drawing, and free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.20.1 The pocket assembly must be positioned on the left leg, raw edges turned under 3/8-inch (9.5 mm) and double needle stitched all around. The ends of the slide

fastener tape must be included in this operation.

3.7.20.2 The finished width of the slide fastener cover must be 3/4-inch (19 mm).

3.7.21 Right thigh pocket and map clip holder. The pocket must be a patch pocket with a covered slide fastener closure, closing to the side, with a map clip in holder and is located on the right front thigh.

3.7.22 Zip cover. A piece of shell must be folded in three, as per indicated on pattern drawing, and free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.22.1 The pocket assembly with map clip holder must be positioned on the right front leg, the edges turned under and double needle stitched or stitched at 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge along all sides. .

3.7.23 Bottom leg reinforcement. The top edge of the leg reinforcement must be serged.

3.7.23.1 The reinforcement pieces must be placed on the inside of the respective leg pieces with the bottom edge being placed 2-inches (5.1 cm) above the bottom edge of the leg. The top edge must be folded under and double needle stitched or stitched at 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge.

3.7.23.2 The reinforcement pieces may be serged or basted to inseam and outseam.

3.7.24 Joining the outseams. The outseams of the lower portion must be sewn with a double lapped seam having the lap towards the back. The back edges of the front hip pockets, left thigh pockets and right reinforcement patch must be included in these seams.

3.7.25 Lower leg pockets. A patch pocket with a covered slide fastener closure across the top, closing to the side, and pencil pocket on the outside must be located on the bottom of each leg. A flashlight pocket must be placed on the inside of the each pocket.

3.7.26 Leg reinforcement pieces. The reinforcement pieces must be positioned on the lower leg, the raw edges turned under and double needle stitched or stitched at 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge around all edges.

3.7.27 Flashlight pocket. The pockets must be a bellows type patch pocket positioned on the inside of each leg pocket.

3.7.27.1 The top edge of each pocket must be turned under, the raw edge turned in and stitched at 1/8-inch (3.2 mm) gauge to form a hem of 5/8-inch (15.9 mm) wide. The remaining edges must be serged. The pockets must be positioned on the inside of the leg pocket, with serged edges turned under and stitched at 1/16-inch (1.6 mm) gauge.

3.7.28 Pencil pockets. Each pencil pocket must be constructed from 2-inch (5.1 cm)

wide webbing 6-inches (15.2 cm) long.

3.7.28.1 Each end of the webbing must be folded under 1-1/2 inches (3.8 cm) and stitched 1/8-inch (3.2 mm) along the edges. The bottom end must be folded up 5-inches (12.7 cm) and stitched along both edges 1/8-inch (3.2 mm) gauge and down the centre to form two pencil slots.

3.7.28.2 The pencil pocket assembly must be positioned on each respective pocket and stitched to the outer layer at 1/8-inch (3.2 mm) gauge all around.

3.7.28.3 There must be two rows of vertical stitching at the centre. The entry points of the pocket shall be secured by backstitching.

3.7.29 Outer pocket. The top edge of the outer pocket must be turned under 5/8-inch (15.9 mm) and stitched at 1/8-inch (3.2 mm) gauge. The slider, when in the closed position, must be away from the inseam. Place folded edge over slide fastener covering half the fastener chain and stitch in place.

3.7.29.1 With the right sides together and the top of the inside ply aligned with the upper edge of the slide fastener tape, seam the two layers together along each side and turn right side out. Double needle stitches must be placed along the edge of the leg restraint channel openings.

3.7.30 Zip cover. A piece of shell must be folded in three, as per indicated on pattern drawing, and free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.30.1 Position the pocket assemblies on their respective leg and turn under the raw edges 3/8-inch (9.5 mm). Double needle stitch along the zip cover and down each from the top of the pocket for 4-1/4 inches (10.8 cm). Leaving an opening of no less than 3-inches (7.6 cm), double stitch the bottom portion of each side in place.

3.7.30.2 A row of machine basting must be placed through all layers across the leg restraint channel openings and centred between the two rows of topstitching.

3.7.31 Back crotch seam. The back leg portions must be joined at the back crotch seams with a double lapped seam. The seam must lap towards the left.

3.7.32 Joining the top and bottom. With the wrong sides together, the top and bottom must be joined along the waistline. The seam must be pressed open.

3.7.33 Waist suppression unit (Figure V).

3.7.33.1 Waistband reinforcement. There must be a waistband made from three pieces of shell material. There must be two front pieces with a loop tape as listed in Table III. The third piece must form the back channel for the elastic portion of the waist suppression system.

3.7.33.1.1 The back channel portion of the waistband must be turned and stitched at

both ends at 1/4-inch (6.3 mm). It must be positioned to overlap the front and finish at the side seams.

3.7.33.1.2 The waist reinforcement must be placed face up, centred over the waist seam. The edges must be folded under and stitched 1/16-inch (1.6 mm) gauge. The finished width of the waistband must be 1-3/4 inches (4.4 cm).

3.7.33.1.3 A piece of loop fastener tape as listed in Table III, must be stitched to the front waist reinforcement. This assembly must be positioned and sewn on the waist reinforcement as shown on the sealed pattern.

3.7.33.1.4 The waist suppression unit must consist of a 12-inch (30.4 cm) length of elastic braid, with a fabric tab measuring 1-inch (2.5 cm) by 8-inches (20.3 cm) stitched to each end. A piece of hook fastener tape as listed in Table III, must be stitched to each fabric tab. This assembly must be centred and threaded through the back channel and extend from the side seam towards the front.

3.7.34 Bartacks. A horizontal bartack must be placed 1/16-inch (1.6 mm) above the bottom edge of the waistband at the top of each side pocket.

3.7.35 Front crotch seam. The front crotch seam must be seamed and pressed open.

3.7.36 Front closure. The front closure consists of a covered slide fastener, piping cord, and fly placket.

3.7.36.1 Placket. The placket must be one piece of shell material. With the right sides together, the placket must be folded in half and seamed across the top, turned to the outside, top stitched at 1/4-inch (6.3 mm) gauge and serged along the remaining raw edges.

3.7.36.1.1 The slide fastener tape must be stitched to the serged edge of the placket with the top of the chain finishing 3/8-inch (9.5 mm) from the collar seam.

3.7.36.1.2 The front edges must be turned under 5/8-inch (15.9 mm) insert the cord in the fold and stitch close to the cord with a single row of stitching, as per sealed pattern. The folded edges must be placed over the slide fastener (and placket assembly for the right side) covering half the slider and stitched in place.

3.7.37 Joining inseams. The legs must be joined along the inseams using double lapped seams with the lap towards the back. The bottom of the placket must be included in this seam.

3.7.37.1 Each side of the front crotch must be topstitched at 1/4-inch (3.2 mm) gauge, through all plies.

3.7.38 Leg bottoms. The bottom of each leg must be turned up 2-inches (5.0 cm), the raw edge turned under 3/4-inch (19 mm) and double needle stitched.

3.7.39 Zip cover for leg suppression. A piece of shell material must be folded in three and the free edge stitched at 1/8-inch (3.2 mm) gauge. The cover must be positioned over the slide fastener covering half the chain and stitched in place.

3.7.39.1 Each zip cover must be placed over the slide fastener covering half the slider chain and stitched in place. When open, the slider stopper must be at the top.

3.7.40 Leg suppression. The zip cover and slide fastener assembly must be opened and positioned at the bottom of each leg to form an inverted "V". The raw edges must be turned under 5/8-inch (15.9 mm) and double needle stitched. The ends of the slide fastener tapes must be included in this operation.

3.7.41 Collar. The collar must be made from three pieces of shell material.

3.7.41.1 Two layers must be stitched together diagonally across the width of the collar to form the under collar.

3.7.41.2 The under and upper collar pieces must be stitched together along the ends and fall edge, turned and properly worked out.

3.7.41.3 The under collar must be seamed to the neck edge and the seam pressed towards the collar.

3.7.41.4 The neck edge of the upper collar must be turned under and stitched to the coverall neck seam at 1/16-inch (1.6 mm) gauge. The ends of the front slide fastener must be included in this operation.

3.7.41.5 The collar ends and fall edge must be double needle stitched or stitched 1/16-inch (1.6 mm) and 1/4-inch (6.3 mm) gauge through all layers.

3.8 Measurements. Measurements must be as shown on the applicable Figures and Table I: Scale of Measurements.

3.9 Pressing. The Coveralls must be properly pressed in accordance with good commercial practice and to the satisfaction of the Quality Assurance Authority.

3.10 Marking label. A marking label in accordance with D-80-001-055/SF-001 must be sewn by the supplier/contractor on the inside on the Coverall under the right breast pocket location, on the inside of the upper front. Refer to the applicable figure for a sample of the marking and care label. The marking must be printed in black on a green label for Coverall Type I and a tan label for Coverall Type II. The label must give the following information printed in characters not less than 1/8-inch (3.2 mm) nor more than 1/4-inch (6.3 mm) in height, with the exception of the size identification which must be twice the height:

- a. Abbreviated Nomenclature (Coveralls Flyers' FR / Combinaison vol ignifuge)
- b. NATO Stock Number (see Table IV or V);
- c. Size by height and chest (see Scale of Measurements – Table I);

- d. NATO size designation (see Scale of Measurements – Table I);
- e. Contract Number;
- f. Contractor Name. No initials, logos or trademarks shall be used;
- g. Date of Manufacture;
- h. Fibre content; (aramid, aramid/PFR viscose or 50% aramid / 50% FR viscose);
- i. Care symbols (see para 3.11) in black ink; and
- j. The following care instructions:

COVERALLS, FLYERS', COMBAT, FLAME RESISTANT

1. WASH NEW GARMENTS BEFORE WEARING.
2. A SECOND, CLEAN WATER RINSE IS RECOMMENDED. DO NOT USE LIQUID FABRIC SOFTENER.

COMBINAISONS, VOL, COMBAT, IGNIFUGE

1. LAVER LE VÊTEMENT NEUF AVANT DE LE PORTER.
2. DEUX RINCAGES SONT RECOMMANDES. NE PAS UTILISER D'ASSOUPLEISSANT LIQUIDE.

3.11 Care labelling. Care symbols must be included on the marking label. The following care symbols, as defined in CAN/CGSB-86.1-2003 must be used.

3.11.1 Type I and II Coveralls:

- a. Table 1 – Washing – symbol 8;
- b. Table 2 – Bleaching – symbol 2;
- c. Table 3 – Drying – symbol 4;
- d. Table 4 – Ironing/Pressing – symbol 2; and
- e. Table 5 – Professional Textile Care – symbol 1.

3.12 Finishing. Coveralls must be cleaned, smoothed, and folded. Garments must be individually packaged in accordance with **CFTPO-GENERAL**. The abbreviated nomenclature for the label on the bags should read:

Type I Coveralls: Coveralls, Flying, Combat, FR
Combinaisons, vol, combat, ignifuge

Type II Coveralls: Coveralls, Flying, Combat, FR
Combinaisons, vol, combat, ignifuge

**TABLE III: NSN'S FOR COVERALLS, FLYERS',
COMBAT, FR, AIR FORCE GREEN (Type I Coverall)**

| Size | NSN |
|-------------|-------------------------|
| A/A | 8415-20-006-3673 |
| 6434 | 8415-20-006-3674 |
| 6436 | 8415-20-006-3675 |
| 6438 | 8415-20-006-3676 |
| 6440 | 8415-20-006-3677 |
| 6734 | 8415-20-006-3678 |
| 6736 | 8415-20-006-3679 |
| 6738 | 8415-20-006-3680 |
| 6740 | 8415-20-006-3681 |
| 6742 | 8415-20-006-3682 |
| 6744 | 8415-20-006-3683 |
| 6746 | 8415-20-006-3684 |
| 7034 | 8415-20-006-3685 |
| 7036 | 8415-20-006-3686 |
| 7038 | 8415-20-006-3687 |
| 7040 | 8415-20-006-3688 |
| 7042 | 8415-20-006-3689 |
| 7044 | 8415-20-006-3690 |
| 7046 | 8415-20-006-3691 |
| 7048 | 8415-20-006-3692 |
| 7050 | 8415-20-006-3693 |
| 7052 | 8415-20-006-3694 |
| 7336 | 8415-20-006-3695 |
| 7338 | 8415-20-006-3696 |
| 7340 | 8415-20-006-3697 |
| 7342 | 8415-20-006-3698 |
| 7344 | 8415-20-006-3699 |
| 7346 | 8415-20-006-3700 |
| 7348 | 8415-20-006-3701 |
| 7350 | 8415-20-006-3702 |
| 7352 | 8415-20-006-3703 |
| 7638 | 8415-20-006-3704 |
| 7640 | 8415-20-006-3705 |
| 7642 | 8415-20-006-3706 |
| 7644 | 8415-20-006-3707 |
| 7646 | 8415-20-006-3708 |
| 7648 | 8415-20-006-3709 |
| 7650 | 8415-20-006-3710 |
| 7652 | 8415-20-006-3711 |
| 7940 | 8415-20-006-3713 |
| 7942 | 8415-20-006-3714 |
| 7944 | 8415-20-006-3715 |

This document does not contain controlled goods. / Cette documentation ne contient pas de marchandises contrôlées.

| Size | NSN |
|---------|------------------|
| 7946 | 8415-20-006-3716 |
| Special | 8415-20-006-3717 |

**TABLE IV: NSN'S FOR COVERALLS, FLYERS',
COMBAT, FR, TAN (TYPE II Coverall)**

| Size | NSN |
|------|------------------|
| A/A | 8415-20-009-9950 |
| 6434 | 8415-20-009-9951 |
| 6436 | 8415-20-009-9952 |
| 6438 | 8415-20-009-9953 |
| 6440 | 8415-20-009-9954 |
| 6734 | 8415-20-009-9955 |
| 6736 | 8415-20-009-9956 |
| 6738 | 8415-20-009-9957 |
| 6740 | 8415-20-009-9958 |
| 6742 | 8415-20-009-9959 |
| 6744 | 8415-20-009-9960 |
| 6746 | 8415-20-009-9961 |
| 7034 | 8415-20-009-9962 |
| 7036 | 8415-20-009-9963 |
| 7038 | 8415-20-009-9964 |
| 7040 | 8415-20-009-9965 |
| 7042 | 8415-20-009-9966 |
| 7044 | 8415-20-009-9967 |
| 7046 | 8415-20-009-9968 |
| 7048 | 8415-20-009-9969 |
| 7050 | 8415-20-009-9970 |
| 7052 | 8415-20-009-9971 |
| 7336 | 8415-20-009-9972 |
| 7338 | 8415-20-009-9973 |
| 7340 | 8415-20-009-9974 |
| 7342 | 8415-20-009-9975 |
| 7344 | 8415-20-009-9976 |
| 7346 | 8415-20-009-9977 |
| 7348 | 8415-20-009-9978 |
| 7350 | 8415-20-009-9979 |
| 7352 | 8415-20-009-9980 |
| 7638 | 8415-20-009-9981 |
| 7640 | 8415-20-009-9982 |
| 7642 | 8415-20-009-9983 |
| 7644 | 8415-20-009-9984 |
| 7646 | 8415-20-009-9985 |

| Size | NSN |
|-------------|------------------|
| 7648 | 8415-20-009-9986 |
| 7650 | 8415-20-009-9987 |
| 7652 | 8415-20-009-9988 |
| 7940 | 8415-20-009-9989 |
| 7942 | 8415-20-009-9990 |
| 7944 | 8415-20-009-9991 |
| 7946 | 8415-20-009-9992 |
| Special | 8415-20-009-9993 |

TABLE I - SCALE OF MEASUREMENTS FOR COVERALL FLYERS' COMBAT

DSSPM 2-6-87-3951
JANUARY 2017

| MEASUREMENTS OF BODY | | | MEASUREMENTS OF GARMENT | | | | | | | | | | | | | |
|---------------------------|-----------|----------------------|-------------------------|--|----------------------|---------------------------------|-------------|-----------------------------|----------------------|-------------|--------|------------|--------------|--------------------------|-------------|---------------------|
| SIZES BY HEIGHT AND CHEST | NATO SIZE | HEIGHT WITHOUT SHOES | CHEST OVER SHIRT | GIRTH MEASUREMENTS WITH GARMENT CLOSED | | BACK LENGTH FROM COLLAR SEAM TO | | FRONT LENGTH FROM COLLAR TO | | LEGS | | | SLEEVE | | | FRONT ZIPPER LENGTH |
| | | | | CHEST WAIST ABOVE CROTCH | SEAT 6" ABOVE CROTCH | CENTRE OF WAIST BAND | CROTCH SEAM | BACK WIDTH | CENTRE OF WAIST BAND | CROTCH SEAM | INSEAM | KNEE CIRC. | BOTTOM CIRC. | UNDER-ARM TO END OF CUFF | ELBOW CIRC. | |
| 6434 | 5060-8590 | 5'1" | 33-34 | 44 | 33 1/2 | 41 | 17 1/2 | 17 1/2 | 27 1/8 | 20 3/4 | 17 3/4 | 15 3/8 | 10 1/2 | 15 1/2 | 25 | |
| 6436 | 5060-9095 | X-SHORT | 35-36 | 46 | 35 1/2 | 43 | 18 | 18 1/2 | 14 | 21 1/4 | 18 | 15 3/4 | 10 3/4 | 16 | | |
| 6438 | 5060-9500 | 5'3 1/2" | 37-38 | 48 | 37 1/2 | 45 | 19 | 19 1/2 | 15 | 22 1/4 | 18 1/4 | 16 3/8 | 11 | 16 1/2 | | |
| 6440 | 5060-0005 | | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | 15 | 22 3/4 | 18 1/2 | 17 1/8 | 11 1/4 | 17 | | |
| 6734 | 6070-8590 | | 33-34 | 44 | 33 1/2 | 41 | 17 1/2 | 17 1/2 | | 20 3/4 | 17 3/4 | 15 5/8 | 10 1/2 | 15 1/2 | | |
| 6736 | 6070-9095 | | 35-36 | 46 | 35 1/2 | 43 | 18 | 18 1/2 | | 21 1/4 | 18 | 16 | 10 3/4 | 16 | | |
| 6738 | 6070-9500 | 5'4" | 37-38 | 48 | 37 1/2 | 45 | 18 1/2 | 18 1/2 | | 21 3/4 | 18 1/4 | 16 3/8 | 11 | 16 1/2 | | |
| 6740 | 6070-0005 | SHORT | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | 15 | 22 1/4 | 18 1/2 | 16 3/4 | 11 1/4 | 17 | | |
| 6742 | 6070-0510 | 5'6 1/2" | 41-42 | 52 | 41 1/2 | 49 | 19 1/2 | 19 1/2 | 16 | 22 3/4 | 18 3/4 | 17 3/8 | 11 1/2 | 17 1/2 | | |
| 6744 | 6070-1015 | | 43-44 | 54 | 43 1/2 | 51 | 20 | 20 1/2 | | 23 1/4 | 19 | 17 3/4 | 11 3/4 | 18 | | |
| 6746 | 6070-1520 | | 45-46 | 56 | 45 1/2 | 53 | 20 1/2 | 20 1/2 | | 23 3/4 | 19 1/4 | 18 1/8 | 12 | 18 1/2 | | |
| 7034 | 7080-8590 | | 33-34 | 44 | 33 1/2 | 41 | 17 1/2 | 17 1/2 | | 20 3/4 | 17 3/4 | 15 7/8 | 10 1/2 | 15 1/2 | | |
| 7036 | 7080-9095 | | 35-36 | 46 | 35 1/2 | 43 | 18 | 18 1/2 | | 21 1/4 | 18 | 16 1/4 | 10 3/4 | 16 | | |
| 7038 | 7080-9500 | | 37-38 | 48 | 37 1/2 | 45 | 18 1/2 | 18 1/2 | | 21 3/4 | 18 1/4 | 16 5/8 | 11 | 16 1/2 | | |
| 7040 | 7080-0005 | 5'7" | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | | 22 1/4 | 18 1/2 | 17 | 11 1/4 | 17 | | |
| 7042 | 7080-0510 | 5'9 1/2" | 41-42 | 52 | 41 1/2 | 49 | 19 1/2 | 19 1/2 | 16 | 22 3/4 | 18 3/4 | 17 3/8 | 11 1/2 | 17 1/2 | | |
| 7044 | 7080-1015 | | 43-44 | 54 | 43 1/2 | 51 | 20 | 20 1/2 | | 23 1/4 | 19 | 17 3/4 | 11 3/4 | 18 | | |
| 7046 | 7080-1520 | | 45-46 | 56 | 45 1/2 | 53 | 20 1/2 | 20 1/2 | | 23 3/4 | 19 1/4 | 18 1/8 | 12 | 18 1/2 | | |
| 7048 | 7080-2025 | | 47-48 | 58 | 47 1/2 | 55 | 21 | 21 1/2 | | 24 1/4 | 19 1/2 | 18 1/2 | 12 1/4 | 19 | | |
| 7050 | 7080-2530 | | 49-50 | 60 | 49 1/2 | 57 | 21 1/2 | 21 1/2 | | 24 3/4 | 19 3/4 | 18 7/8 | 12 1/2 | 19 1/2 | | |
| 7052 | 7080-3035 | | 51-52 | 62 | 51 1/2 | 59 | 22 | 22 | | 25 1/4 | 20 | 19 1/4 | 12 3/4 | 20 | | |
| 7336 | 8090-9095 | | 35-36 | 46 | 35 1/2 | 43 | 18 | 18 1/2 | | 21 1/4 | 18 | 16 1/2 | 10 3/4 | 16 | | |
| 7338 | 8090-9500 | | 37-38 | 48 | 37 1/2 | 45 | 18 1/2 | 18 1/2 | | 21 3/4 | 18 1/4 | 16 7/8 | 11 | 16 1/2 | | |
| 7340 | 8090-0005 | | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | | 22 1/4 | 18 1/2 | 17 1/4 | 11 1/4 | 17 | | |
| 7342 | 8090-0510 | 5'10" | 41-42 | 52 | 41 1/2 | 49 | 19 1/2 | 19 1/2 | | 22 3/4 | 18 3/4 | 17 5/8 | 11 1/2 | 17 1/2 | | |
| 7344 | 8090-1015 | 6'1" | 43-44 | 54 | 43 1/2 | 51 | 20 | 20 1/2 | 17 | 23 1/4 | 19 | 18 | 11 3/4 | 18 | | |
| 7346 | 8090-1520 | 6'1/2" | 45-46 | 56 | 45 1/2 | 53 | 20 1/2 | 20 1/2 | | 23 3/4 | 19 1/4 | 18 3/8 | 12 | 18 1/2 | | |
| 7348 | 8090-2025 | | 47-48 | 58 | 47 1/2 | 55 | 21 | 21 1/2 | | 24 1/4 | 19 1/2 | 18 3/4 | 12 1/4 | 19 | | |
| 7350 | 8090-2530 | | 49-50 | 60 | 49 1/2 | 57 | 21 1/2 | 21 1/2 | | 24 3/4 | 19 3/4 | 18 7/8 | 12 1/2 | 19 1/2 | | |
| 7352 | 8090-3035 | | 51-52 | 62 | 51 1/2 | 59 | 22 | 22 | | 25 1/4 | 20 | 19 1/4 | 12 3/4 | 20 | | |
| 7638 | 9000-9500 | | 37-38 | 48 | 37 1/2 | 45 | 18 1/2 | 18 1/2 | | 21 3/4 | 18 1/4 | 17 1/8 | 11 | 16 1/2 | | |
| 7640 | 9000-0005 | | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | | 22 1/4 | 18 1/2 | 17 1/2 | 11 1/4 | 17 | | |
| 7642 | 9000-0510 | 6'1" | 41-42 | 52 | 41 1/2 | 49 | 19 1/2 | 19 1/2 | | 22 3/4 | 18 3/4 | 17 7/8 | 11 1/2 | 17 1/2 | | |
| 7644 | 9000-1015 | 6'3 1/2" | 43-44 | 54 | 43 1/2 | 51 | 20 | 20 1/2 | 18 | 23 1/4 | 19 | 18 1/4 | 11 3/4 | 18 | | |
| 7646 | 9000-1520 | | 45-46 | 56 | 45 1/2 | 53 | 20 1/2 | 20 1/2 | | 23 3/4 | 19 1/4 | 18 5/8 | 12 | 18 1/2 | | |
| 7648 | 9000-2025 | | 47-48 | 58 | 47 1/2 | 55 | 21 | 21 1/2 | | 24 1/4 | 19 1/2 | 19 | 12 1/4 | 19 | | |
| 7650 | 9000-2530 | | 49-50 | 60 | 49 1/2 | 57 | 21 1/2 | 21 1/2 | | 24 3/4 | 19 3/4 | 19 3/8 | 12 1/2 | 19 1/2 | | |
| 7652 | 9000-3035 | | 51-52 | 62 | 51 1/2 | 59 | 22 | 22 | | 24 1/4 | 20 | 19 3/4 | 12 3/4 | 20 | | |
| 7940 | 0010-0005 | | 39-40 | 50 | 39 1/2 | 47 | 19 | 19 1/2 | | 21 3/4 | 18 1/4 | 17 3/4 | 11 1/4 | 17 | | |
| 7942 | 0010-0510 | 6'4" | 40-41 | 52 | 41 1/2 | 49 | 19 1/2 | 19 1/2 | 19 | 22 3/4 | 18 3/4 | 18 1/8 | 11 1/2 | 17 1/2 | | |
| 7944 | 0010-1015 | 6'7" | 42-43 | 54 | 43 1/2 | 51 | 20 | 20 1/2 | 18 | 23 1/4 | 19 | 18 1/4 | 11 3/4 | 18 | | |
| 7946 | 0010-1520 | | 44-45 | 56 | 45 1/2 | 53 | 20 1/2 | 20 1/2 | | 23 3/4 | 19 1/4 | 18 5/8 | 12 | 18 1/2 | | |
| TOLERANCE PLUS OR MINUS | | | | 1" | 1" | 1" | 1/4 | 3/4 | 1/4 | 1/2 | 1/2 | 1/2 | 1/4 | 1/4 | 1/4 | |

DIMENSIONS ARE IN INCHES

FIGURE I - FRONT AND BACK VIEW

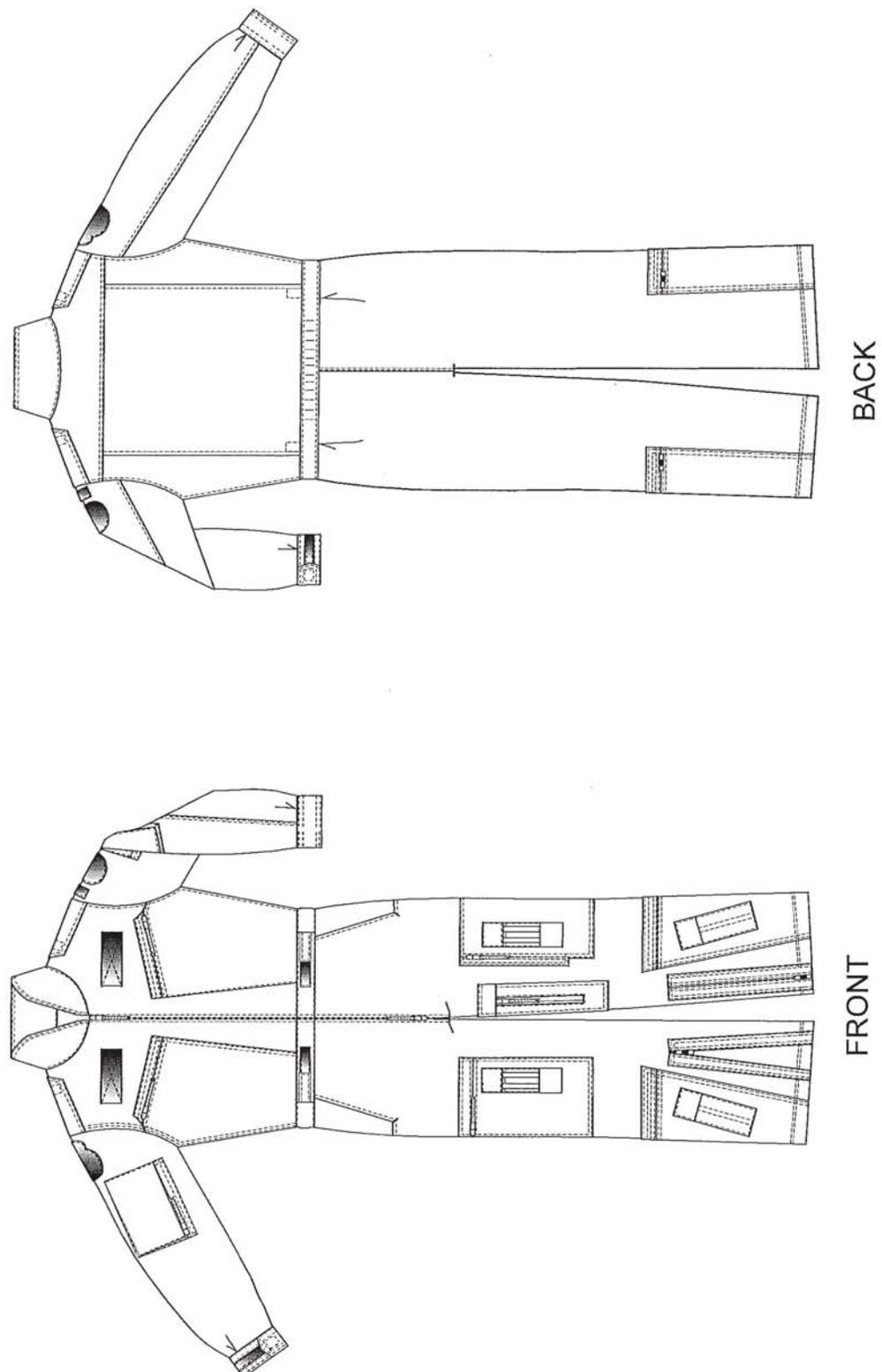


FIGURE II - GARMENT COMPONENTS

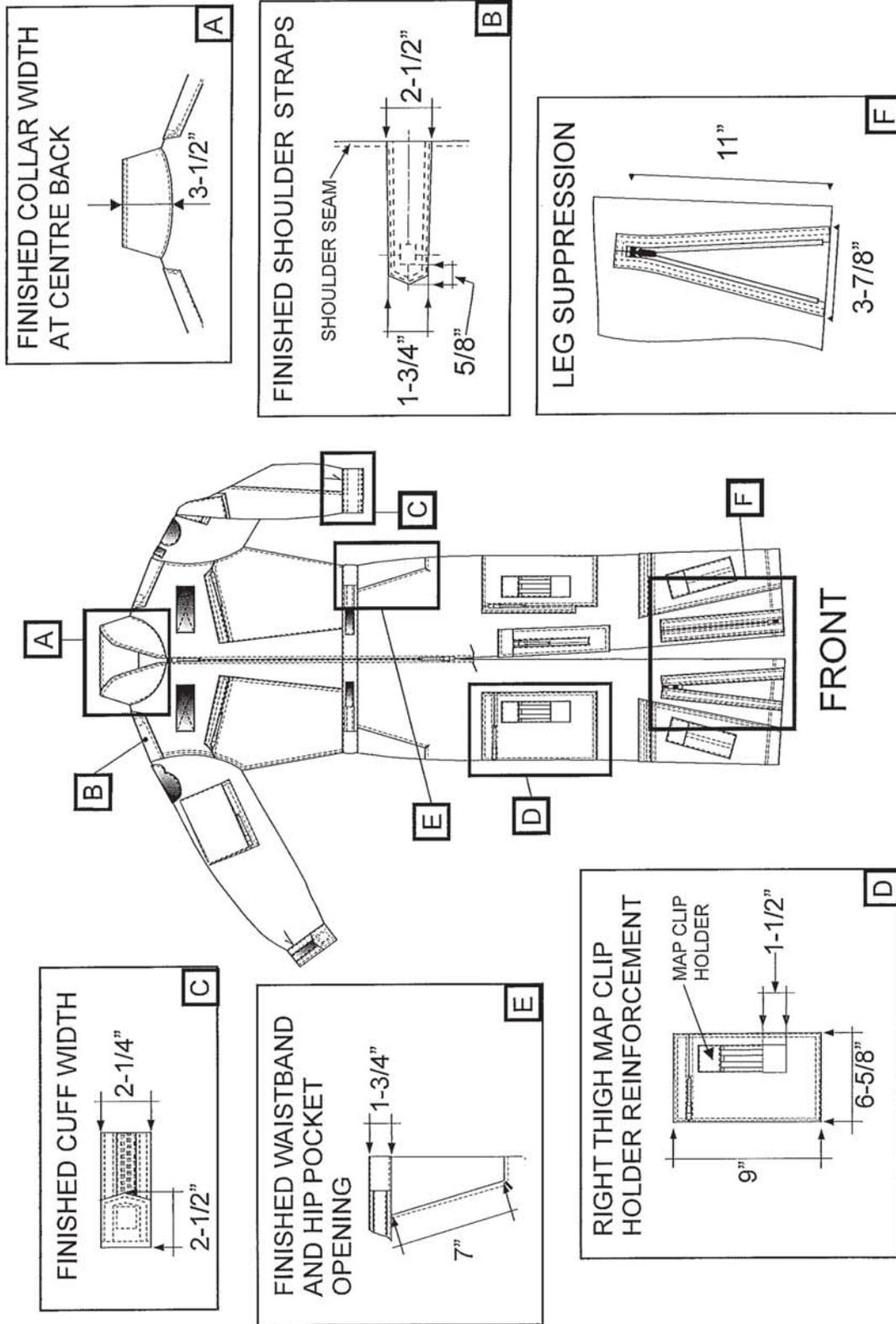


FIGURE III - POCKET SYSTEMS

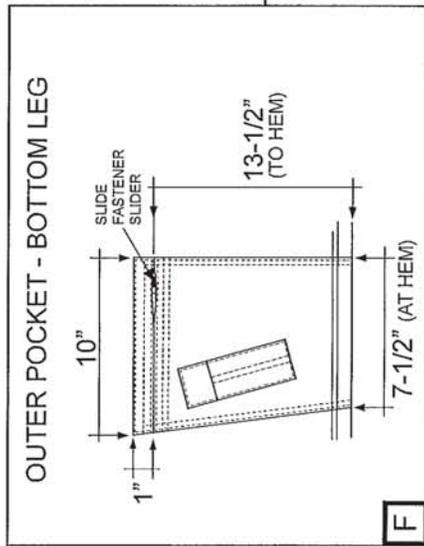
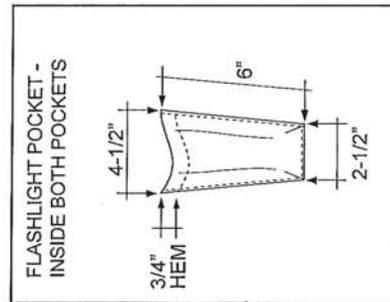
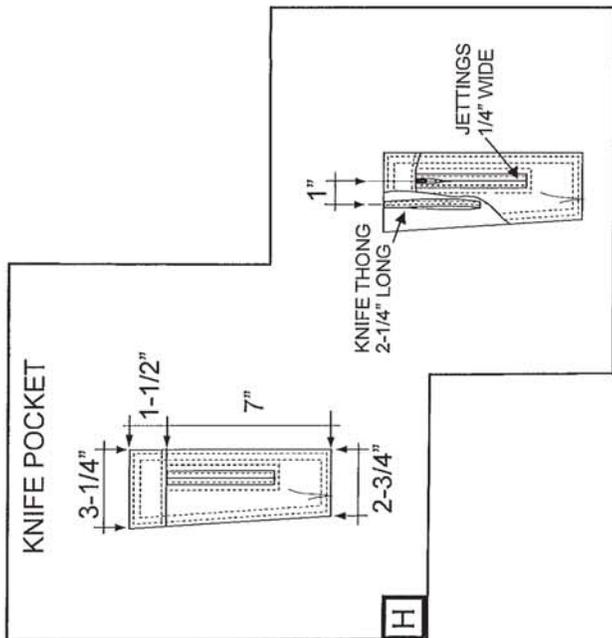
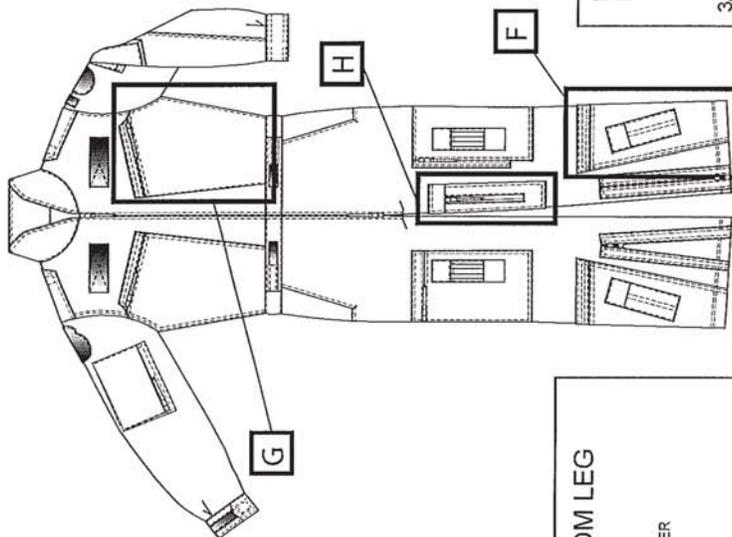
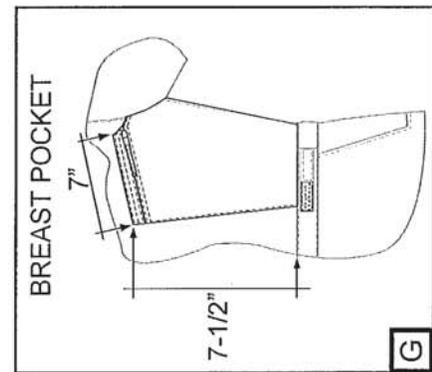


FIGURE IV - POCKET SYSTEMS II

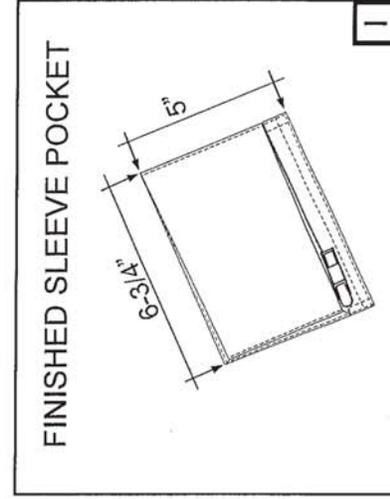
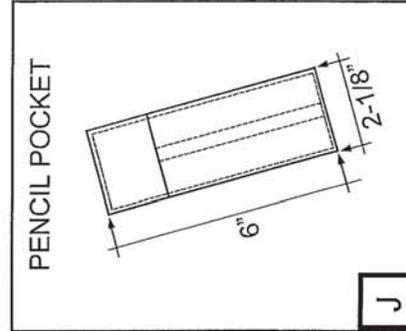
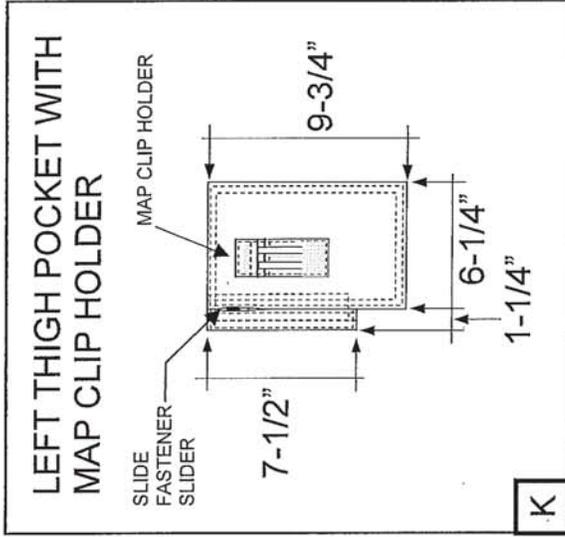
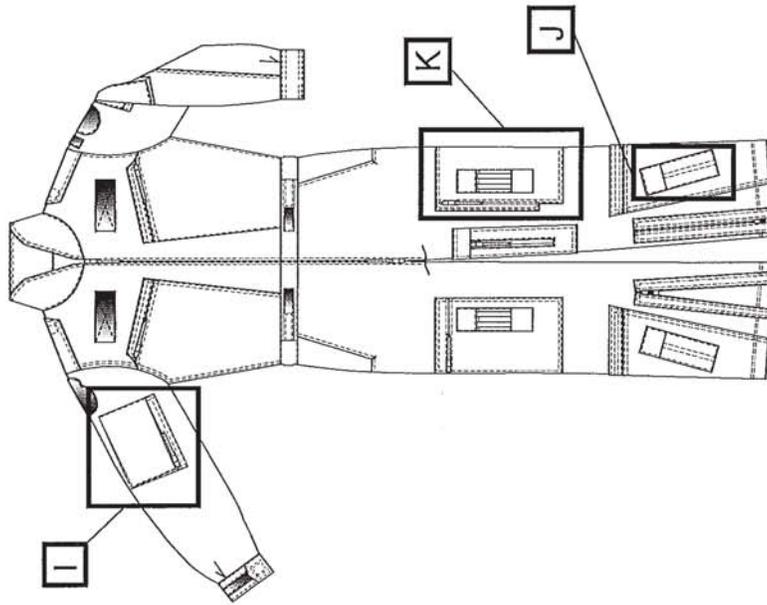
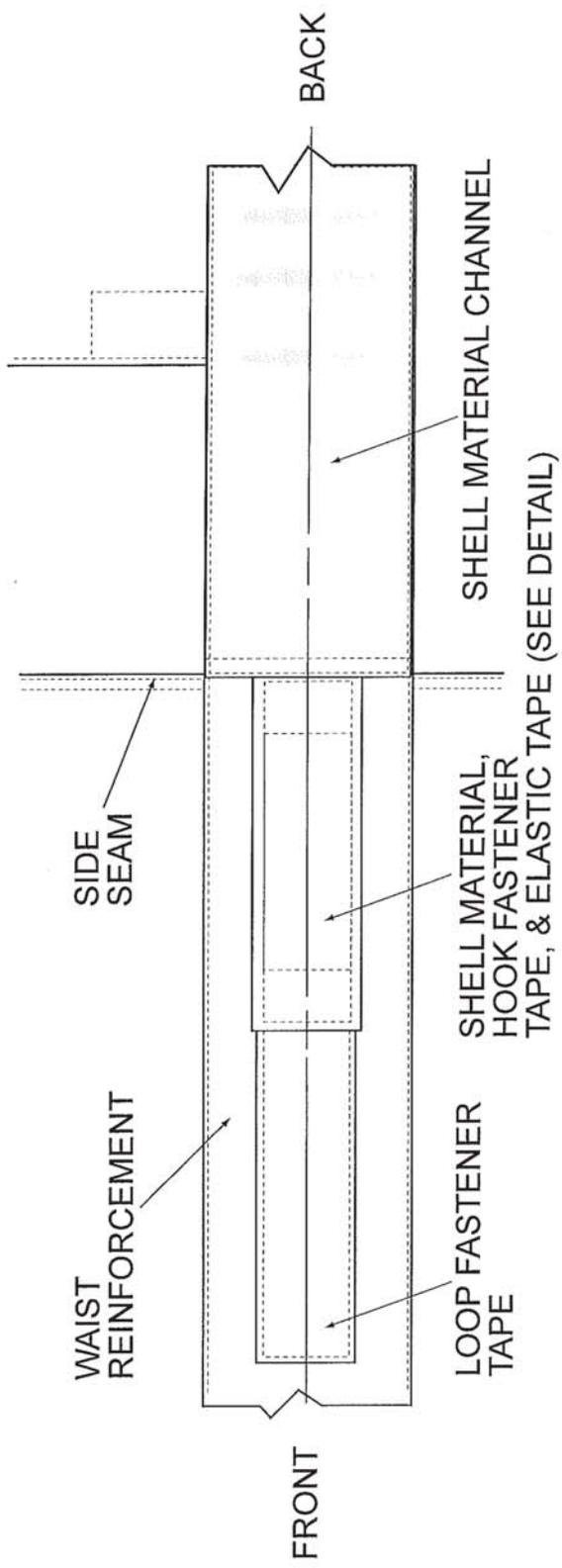


FIGURE V - WAIST SUPPRESSION (RIGHT SIDE SEAM SHOWN)



WAIST SUPPRESSION DETAIL

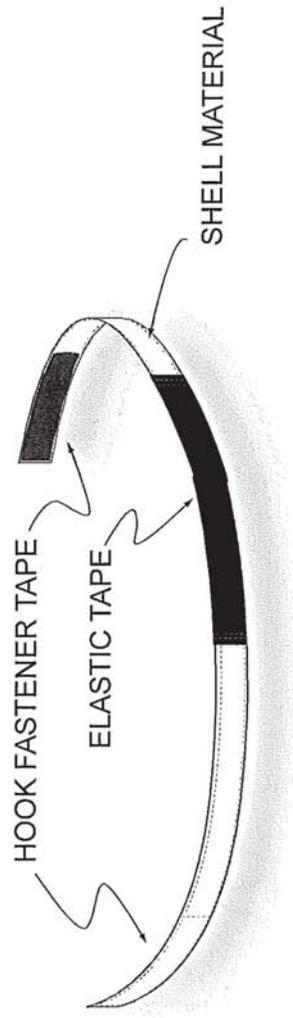
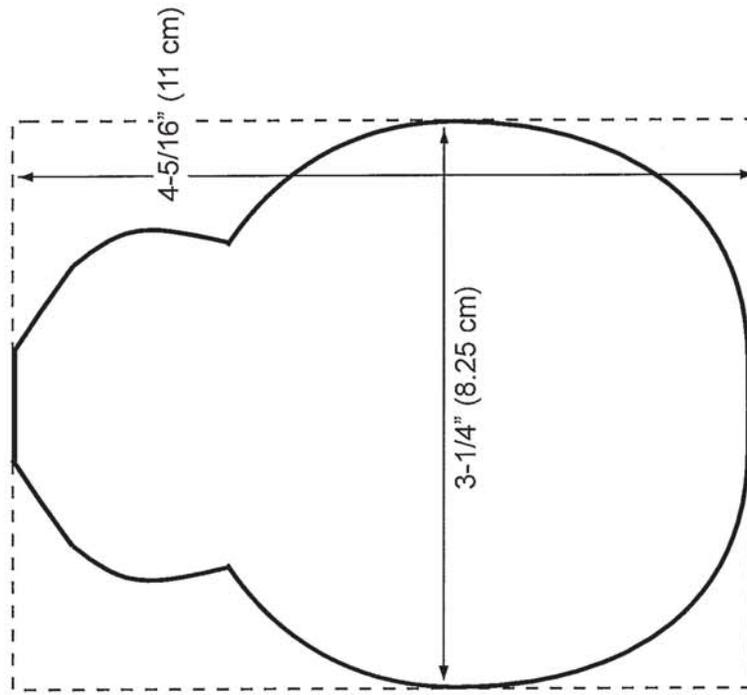


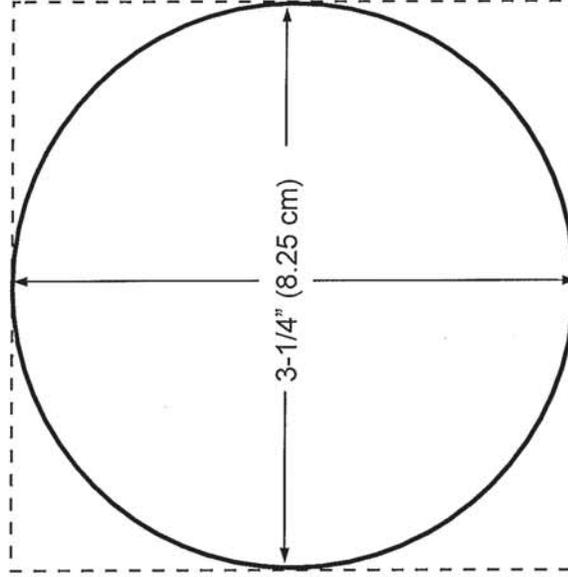
FIGURE VI - CARE AND MARKING LABEL FOR TYPE I & II COVERALLS

| | | | |
|----------------------|--------------------------------|--|-----------------------|
| ITEM & CONTRACT INFO | ARTICLE ET INFO SUR LE CONTRAT | <p>COVERALLS; FLYERS; COMBAT, FR COMBINAISON DE VOL DE COMBAT, IGNIFUGE NSN/NNO: 8415-20-XXX-XXXX</p> <p>SIZE/TAILLE: 7040</p> <p>NATO SIZE / TAILLE OTAN : XXXX-XXX</p> <p>CONTRACT NO./ NO. DE CONTRAT: WXXXX-XXXXXX</p> <p>CONTRACTOR NAME/NOM D'ENTREPRENEUR: Jones & Company</p> <p>DATE OF / DE MANUFACTURE: MM/YY</p> <p>FIBRE CONTENT / TENEUR DE FIBRES: XXXXXXXXXXXXXXX</p>  50°C  Permanent press / Pressage permanent / moyenne  Iron at medium temperature. / Répasser à température moyenne.  Dry clean w/solvents other than Trichloroethylene / Nettoyage à sec avec des solvants autre que trichloroethylene.  Non-chlorine bleach as needed / Blanchissement non-chlorine si nécessaire  P | |
| CARE SYMBOLS | SYMBOLES D'ENTRETIEN | CARE INSTRUCTIONS | CONSIGNES D'ENTRETIEN |
| USER ID | ID DE L'UTILISATEUR | <p>1. WASH GARMENTS BEFORE WEARING. 2. A SECOND, CLEAN WATER RINSE IS RECOMMENDED. DO NOT USE LIQUID FABRIC SOFTENER.</p> <p>1. LAVER LE VÊTEMENT NEUF AVANT DE LE PORTER. 2. DEUX REINÇAGES SONT RECOMMANDÉS. NE PAS UTILISER D'ASSOUPLISSANT LIQUIDE.</p> <p>I.D. _____</p> | |

FIGURE VII - TEMPLATE FOR UPPER SLEEVE LOOP TAPE PATCHES



Heraldic Badge



Designator Badge