



National Defence Headquarters  
Ottawa, Ontario  
K1A 0K2

Quartier général de la Défense nationale  
Ottawa (Ontario)  
K1A 0K2

**REQUEST FOR STANDING OFFER  
DEMANDE D'OFFRES À COMMANDES**

**RETURN OFFERS TO:  
RETOURNER LES OFFRES À:**

Matthew Yaraskovitch at:

[Matthew.Yaraskovitch@forces.gc.ca](mailto:Matthew.Yaraskovitch@forces.gc.ca)

<b>Title/Titre:</b>	<b>Solicitation No – N° de l'invitation</b>
<b>Badges and Insignia</b>	<b>W6399-23-LL43/A</b>
<b>Date of Solicitation – Date de l'invitation</b> 21 December 2022	
<b>Address Enquiries to – Adresser toutes questions à</b> <u><a href="mailto:Matthew.Yaraskovitch@forces.gc.ca">Matthew.Yaraskovitch@forces.gc.ca</a></u>	
<b>Telephone No. – N° de téléphone</b>	<b>FAX No – N° de fax</b>
<b>613-945-2762</b>	<b>N / A</b>
<b>Destination</b>  Specified Herein Précisé dans les présentes	

**Proposal To: National Defence Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

**Proposition à : Défense nationale Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indique(s).

**Instructions:**

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

<p><b>Solicitation Closes – L'invitation prend fin</b></p> <p>At – à : 14 :00 EST</p> <p>On - le : 13 February, 2023</p>
--

Delivery required - Livraison exigée See Herein / Précisé dans les présentes	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>4</b>
1.1 INTRODUCTION.....	4
1.2 SUMMARY .....	4
1.3 DEBRIEFINGS .....	4
<b>PART 2 - OFFEROR INSTRUCTIONS .....</b>	<b>5</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	5
2.2 ELECTRONIC SUBMISSION OF OFFERS .....	5
2.3 ENQUIRIES - REQUEST FOR STANDING OFFERS .....	6
2.4 APPLICABLE LAWS.....	6
2.5 AVAILABILITY OF SAMPLES .....	6
2.6 BID CHALLENGE AND RECOURSE MECHANISMS.....	6
<b>PART 3 - OFFER PREPARATION INSTRUCTIONS.....</b>	<b>7</b>
3.1 OFFER PREPARATION INSTRUCTIONS.....	7
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>8</b>
4.1 EVALUATION PROCEDURES.....	8
4.2 BASIS OF SELECTION.....	8
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>9</b>
5.1 CERTIFICATIONS REQUIRED WITH THE OFFER .....	9
5.2 CERTIFICATIONS PRECEDENT TO THE ISSUANCE OF A STANDING OFFER AND ADDITIONAL INFORMATION	9
<b>PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES.....</b>	<b>11</b>
<b>A. STANDING OFFER .....</b>	<b>11</b>
6.1 OFFER.....	11
6.2 SECURITY REQUIREMENTS .....	11
6.3 STANDARD CLAUSES AND CONDITIONS.....	11
6.4 TERM OF STANDING OFFER .....	11
6.5 AUTHORITIES .....	12
6.6 IDENTIFIED USERS.....	13
6.7 CALL-UP INSTRUMENT .....	13
6.8 FINANCIAL LIMITATION.....	13
6.9 PRIORITY OF DOCUMENTS .....	13
6.10 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	14
6.11 APPLICABLE LAWS.....	14
<b>B. RESULTING CONTRACT CLAUSES .....</b>	<b>15</b>
6.1 STATEMENT OF WORK.....	15
6.2 STANDARD CLAUSES AND CONDITIONS.....	15
6.3 TERM OF STANDING OFFER .....	15
6.4 PAYMENT .....	16
6.5 INVOICING INSTRUCTIONS .....	16
6.6 INSURANCE .....	17
6.7 DEFENCE CONTRACT .....	17
6.8 MATERIALS: CONTRACTOR TOTAL SUPPLY .....	17
6.9 PROCEDURES FOR DESIGN CHANGE/DEVIATIONS .....	17
6.10 PLANT CLOSING.....	17

---

6.11	PLANT LOCATION.....	17
6.12	SUBCONTRACTOR(S).....	17
6.13	OVERSHIPMENT.....	17
6.14	POST STANDING OFFER AWARD MEETING.....	17
6.15	PACKAGING REQUIREMENT.....	18
6.16	QUALITY ASSURANCE.....	18
<b>ANNEX "A"</b>	.....	<b>19</b>
	STATEMENT OF WORK.....	19
<b>ANNEX "B"</b>	.....	<b>21</b>
	COMMON RANK PATCH TECHNICAL SUPPLEMENT.....	21
<b>ANNEX "C"</b>	.....	<b>38</b>
	ARMY RANK PATCH TECHNICAL SUPPLEMENT.....	38
<b>ANNEX "D"</b>	.....	<b>45</b>
	AIR FORCE RANK PATCH TECHNICAL SUPPLEMENT.....	45
<b>ANNEX "E"</b>	.....	<b>52</b>
	NAVY RANK PATCH TECHNICAL SUPPLEMENT.....	52
<b>ANNEX "F"</b>	.....	<b>59</b>
	NAME TAPES.....	59
<b>ANNEX "G"</b>	.....	<b>61</b>
	SPECIAL INSIGNIA PATCH TECHNICAL SUPPLEMENT.....	61
<b>ANNEX "H"</b>	.....	<b>81</b>
	SPECIFICATION FOR MULTICAM® BADGES AND INSIGNIA, EMBROIDERED.....	81
<b>ANNEX "I"</b>	.....	<b>91</b>
	SPECIFICATION FOR CLOTH, RIPSTOP, 50/50 NYLON COTTON.....	91
<b>ANNEX "J"</b>	.....	<b>96</b>
	PROPOSAL REQUIREMENTS AND EVALUATION PLAN.....	96
<b>ANNEX "K"</b>	.....	<b>98</b>
	BASIS OF PAYMENT.....	98
<b>ANNEX "L" to PART 3 OF THE REQUEST FOR STANDING OFFERS</b>	.....	<b>106</b>
	ELECTRONIC PAYMENT INSTRUMENTS.....	106
<b>ANNEX "M"</b>	.....	<b>107</b>
	STANDING OFFER REPORTING FORM.....	107

## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The Request for Standing Offers (RFSO) is divided into six parts plus attachments and annexes, as follows:

- Part 1            General Information: provides a general description of the requirement;
- Part 2            Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3            Offer Preparation Instructions: provides Offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4            Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5            Certifications and Additional Information: includes the certifications and additional information to be provided; and
- Part 6            6A, Standing Offer, and 6B, Resulting Contract Clauses:
- 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions; and
- 6B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Statement of Work Annex "A", the Technical Supplements Annexes "B"; "C"; "D"; "E"; "F"; "G", Technical Specifications Annexes "H"; and "I", the Proposal Requirements and Evaluation Plan Annex "J", the Basis of Payment Annex "K", the electronic payment instruments Annex "L", and the standing offer reporting form Annex "M".

### **1.2 Summary**

1.2.1    The Department of National Defence has a requirement for hook-back (stick-on) accoutrements including rank patches, name tapes, and special insignia for use with various MULTICAM® uniforms, to be provided on an "as and when required" basis. The initial period of the Standing Offer will be three (3) years, with three (3) one-year option periods.

1.2.2    The requirement is subject to a preference for Canadian goods and/or services.

### **1.3 Debriefings**

Offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

Pre-Award Samples in accordance with Annex "J" must be sent by the tender closing date on page 1 to:

Department of National Defence  
1600 Star Top Road  
Ottawa, Ontario, K1A 3W6  
Attn: Capt. Ross Brown/Brian Corse  
613- 998-4893 / 613-998-4690

## PART 2 - OFFEROR INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The [2006](#) (2022-03-29) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 20(2), Further Information is deleted in its entirety.
- c) Subsection 2.d. of Section 05, Submission of Offers, is deleted in its entirety and replaced with the following:

Send its offer only to the address specified in the offer solicitation.

- d) Section 06, Late Offers, is deleted in its entirety;
- e) The text under Section 07, Delayed Offers, is deleted in its entirety and replaced with the following:

It is the Offeror's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of offers will not be accepted.

- f) Subsection 1 of Section 08, Transmission by Facsimile or by epost Connect, is deleted in its entirety.

Subsection 5.4 of [2006](#), Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 120 days

### 2.2 Electronic Submission of Offers

- a) Offers must be submitted only to the Department of National Defence by the date, time and place indicated on page 1 of the offer solicitation. Offers must be received electronically as noted in subparagraph b).
- b) **Electronic Submissions: Individual e-mails exceeding five (5) megabytes, or that includes other factors such as embedded macros and/or links, may be rejected by the DND e-mail system and/or firewall(s) without notice to the Offeror or Contracting Authority.** Larger offers may be submitted through more than one e-mail. The Contracting Authority will confirm receipt of documents. It is the Offeror's responsibility to ensure that the Contracting Authority has received the entire submission. Offerors should not assume that all documents have been received unless the Contracting Authority confirms receipt of each document. In order to minimize the potential for technical issues, Offerors are requested to allow sufficient time before the closing

time and date to confirm receipt. Technical and financial documents received after the closing time and date will not be accepted.

Due to the nature of the Request for Standing Offers, transmission of offers by facsimile will not be accepted.

### **2.3 Enquiries - Request for Standing Offers**

All enquiries must be submitted in writing to the Standing Offer Authority no later than ten (10) calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by Offerors to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that Offerors do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Offerors. Enquiries not submitted in a form that can be distributed to all Offerors may not be answered by Canada.

### **2.4 Applicable Laws**

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Offerors.

### **2.5 Availability of Samples**

Samples are available upon request. Offerors are to send their request for samples to: DND - Attention: Standing Offer Authority, Email: [matthew.yaraskovitch@forces.gc.ca](mailto:matthew.yaraskovitch@forces.gc.ca) specifying the Solicitation File No. Offerors are responsible to request samples early enough to ensure that the samples are received (through regular mail) before offer closing. Samples for all items referred to in this RFSO will be forwarded to interested Offerors as a Technical Data Package (TDP) under a separate cover. All samples must be returned to DND. DND will not be responsible for any mailing or shipping costs related to the return of the samples.

### **2.6 Bid Challenge and Recourse Mechanisms**

- (a) Several mechanisms are available to potential Offerors to challenge aspects of the procurement process up to and including Standing Offer award.
- (b) Canada encourages Offerors to first bring their concerns to the attention of the Standing Offer Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
  - Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Offerors should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Offerors should therefore act quickly when they want to challenge any aspect of the procurement process.

## **PART 3 - OFFER PREPARATION INSTRUCTIONS**

### **3.1 Offer Preparation Instructions**

Canada requests that the Offeror submits its offer in accordance with section 08 of the 2006 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation. The offer must be gathered per section and separated as follows:

Section I: Technical Offer (Pre-Award Samples)  
Section II: Financial Offer (1 electronic copy (PDF)).  
Section III: Certifications (1 electronic copy (PDF)).

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer.

Offerors may use Annex K – Basis of Payment to indicate their prices. If Offerors choose to use Annex K – Basis of Payment to indicate their prices, Offerors must include Annex K – Basis of Payment in their financial offer.

#### **Section I: Technical Offer**

Offerors must submit pre-award samples in accordance with Annex “J” Proposal Requirements and Evaluation Plan, as part of their Offer.

#### **Section II: Financial Offer**

Offerors must submit their financial offer in accordance with the Basis of Payment in Annex “K”.

Offerors must submit firm prices in Canadian dollars, Delivered Duty Paid (DDP) at 61 Industrial Avenue, Petawawa ON., K8H 2W8, Incoterms 2010, Canadian customs duties and excise taxes included Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately.

#### **3.1.1 Electronic Payment of Invoices - Offer**

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "L" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "L" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

#### **3.1.2 Exchange Rate Fluctuation**

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

#### **Section III: Certifications**

Offerors must submit the certifications and additional information required under Part 5.

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada and contractors from Calian Inc. will evaluate the offers.

Offers will be evaluated as stated in Annex "J", Proposal Requirements and Evaluation Plan.

#### **4.1.2 Technical Evaluation**

The Pre-Award Samples must meet the Technical Specifications as detailed in Annexes "B"; "C"; "D"; "E"; "F"; "G"; "H"; and "I"; and will be evaluated following the approach as outlined in Annex "J", Proposal Requirements and Evaluation Plan.

#### **4.1.3 Financial Evaluation**

The price of the offer will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at 61 Industrial Avenue, Petawawa, ON, K8H 2W8, Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded. The total offer price is the sum of the price for all items in the Basis of Payment at Annex "K", as provided with the Offer, for all years.

### **4.2 Basis of Selection**

An offer must comply with the requirements of the Request for Standing Offer and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest total price on an aggregate basis in accordance with the Basis of Payment at Annex "K" will be recommended for award of the Standing Offer.



## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

Offerors must provide the required certifications and additional information to be issued a standing offer.

The certifications provided by Offerors to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare an offer non-responsive, will have the right to set-aside a standing offer, or will declare a Offeror in default if any certification made by the Offeror is found to be untrue whether made knowingly or unknowingly during the offer evaluation period, during the Standing Offer period, or during the contract period.

The Standing Offer Authority will have the right to ask for additional information to verify the Offeror's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Standing Offer Authority will render the offer non-responsive, result in the setting aside of the Standing Offer or constitute a default under the Contract.

### **5.1 Certifications Required with the Offer**

Offerors must submit the following duly completed certifications as part of their offer.

#### **5.1.1 Canadian Content Certification**

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the request for standing offer, offerors acknowledge that only offers with a certification that the good(s) offered are Canadian goods, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the offer will result in the good(s) offered being treated as non-Canadian goods.

The Offeror certifies that:

( ) a minimum of 80 percent of the total price for the offer consist of Canadian goods as defined in paragraph 1 of clause [A3050T](#).

**5.1.1.1** *SACC Manual* clause [A3050T](#) (2020-07-01) Canadian Content Definition

#### **5.1.2 Integrity Provisions - Declaration of Convicted Offences**

In accordance with the Integrity Provisions of the Standard Instructions, all Offerors must provide with their offer, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](#) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### **5.2 Certifications Precedent to the Issuance of a Standing Offer and Additional Information**

The certifications and additional information listed below should be submitted with the offer, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Standing Offer Authority will inform the Offeror of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the offer non-responsive.

#### **5.2.1 Integrity Provisions – Required Documentation**

In accordance with the [Ineligibility and Suspension Policy](#) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Offeror must provide the required documentation, as applicable, to be given further consideration in the procurement process.

## 5.2.2 Federal Contractors Program for Employment Equity - Standing Offer Certification

By submitting an offer, the Offeror certifies that the Offeror, and any of the Offeror's members if the Offeror is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Offer" list ) available at the bottom of the page of the [Employment and Social Development Canada-Labour's](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) website ([http://www.esdc.gc.ca/en/jobs/workplace/human\\_rights/employment\\_equity/federal\\_contractor\\_program.page?&\\_ga=1.229006812.1158694905.1413548969](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)).

Canada will have the right to declare an offer non-responsive, or to set-aside a Standing Offer, if the Offeror, or any member of the Offeror if the Offeror is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of issuing of a Standing Offer or during the period of the Standing Offer.

## **PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES**

### **A. STANDING OFFER**

#### **6.1 Offer**

**6.1.1** The Offeror offers to fulfill the requirement in accordance with the Statement of Work at Annex "A".

#### **6.2 Security Requirements**

**6.2.1** There is no security requirement applicable to this Standing Offer.

#### **6.3 Standard Clauses and Conditions**

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

##### **6.3.1 General Conditions**

*SACC Manual* clause [2005](#) (2022-12-01) General Conditions - Standing Offers – Goods or Services, apply to and form part of the Standing Offer, with the following modifications:

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that Minister.

##### **6.3.2 Standing Offers Reporting**

The Offeror must compile and maintain records on its provision of goods and services to Canada under contracts resulting from the Standing Offer. This data must include all purchases done by Canada, including those acquired and paid for by Canada acquisition cards.

The Offeror must provide this data in accordance with the reporting requirements detailed in Annex "M". If some data is not available, the reason must be indicated in the report. If no goods or services is provided during a given period, the Offeror must provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

- first quarter: April 1 to June 30
- second quarter: July 1 to September 30
- third quarter: October 1 to December 31
- fourth quarter: January 1 to March 31

The data must be submitted to the Standing Offer Authority no later than 30 calendar days after the end of the reporting period.

#### **6.4 Term of Standing Offer**

##### **6.4.1 Period of the Standing Offer**

The period for making call-ups against the Standing Offer is thirty-six (36) months from the date of Standing Offer award.

#### **6.4.2 Extension of Standing Offer**

If the Standing Offer is authorized for use beyond the initial period, the Offeror offers to extend its offer for three (3) additional one-year periods, under the same conditions and at the rates or prices specified in the Standing Offer.

The Offeror will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority fifteen (15) days before the expiry date of the Standing Offer. A revision to the Standing Offer will be issued by the Standing Offer Authority.

#### **6.4.3 Shipping Instructions**

Goods must be consigned and delivered, Incoterms 2010 "DDP Delivered Duty Paid", to the following unless specified otherwise in the Call-Up:

DND Depot  
61 Industrial Ave  
Petawawa, Ontario, H8H 2W8.

Attn: Receipts Section  
Telephone: 613-506-7686

The Offeror must deliver the goods to the above delivery destination by appointment only. The Offeror or its carrier must arrange delivery appointments by contacting the Receipts Section identified in each Call-up. The consignee may refuse shipments when prior arrangements have not been made.

### **6.5 Authorities**

#### **6.5.1 Standing Offer Authority**

The Standing Offer Authority is:

Name: Matthew Yaraskovitch  
Title: Material Acquisition and Support Officer  
Organization: A/DLP 8-2-7  
Address: 1600 Star Top Rd. Ottawa, ON  
Telephone: 613-945-2762  
E-mail address: matthew.yaraskovitch@forces.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, the Standing Offer Authority is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

#### **6.5.2 Technical Authority**

The Technical Authority for the Standing Offer is:

Name: *(Contact information to be detailed in the resulting Standing Offer)*  
Title:  
Organization:  
Address:  
Telephone:  
E-mail address:

The Technical Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up under the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

### 6.5.3 Offeror's Representative

Name: \_\_\_\_\_ *(To be completed by the Offeror)*  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_

### 6.6 Identified Users

The Identified User authorized to make call-ups against the Standing Offer is: DND DLP 8 only.

### 6.7 Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form PWGSC-TPSGC 942 Call-up Against a Standing Offer.

### 6.8 Financial Limitation

The total cost to Canada resulting from call ups against the Standing Offer must not exceed the sum of \$\_\_\_\_\_ (Applicable Taxes excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or four (4) months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

### 6.9 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions *SACC Manual* clause 2005 (2022-12-01), General Conditions - Standing Offers - Goods or Services;
- d) the general conditions *SACC Manual* clause 2010A (2022-12-01) General Conditions – Goods (medium complexity);
- e) Statement of Work, Annex "A";
- f) Technical Specifications and Supplements, Annexes "B"; "C"; "D"; "E"; "F"; "G"; "H"; and "I";
- g) Annex "K"; Basis of Payment;
- h) The Offeror's offer dated \_\_\_\_\_. *[Date to be specified in the resulting Standing Offer]*

## **6.10 Certifications and Additional Information**

### **6.10.1 Compliance**

Unless specified otherwise, the continuous compliance with the certifications provided by the Offeror with its offer or precedent to issuance of the Standing Offer (SO), and the ongoing cooperation in providing additional information are conditions of issuance of the SO and failure to comply will constitute the Offeror in default. Certifications are subject to verification by Canada during the entire period of the Standing Offer and of any resulting contract that would continue beyond the period of the Standing Offer.

### **6.10.2 SACC Manual Clauses**

SACC Manual clause [M3060C](#) (2021-05-20) Canadian Content Certification.

### **6.11 Applicable Laws**

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

## **B. RESULTING CONTRACT CLAUSES**

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

### **6.1 Statement of Work**

The Contractor must provide the items detailed in the Call-up against the Standing Offer.

### **6.2 Standard Clauses and Conditions**

#### **6.2.1 General Conditions**

*SACC Manual* clause [2010A](#) (2022-12-01) General Conditions - Medium Complexity - Goods, apply to and form part of the Contract, with the following modifications:

- a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

- b. Section 09 entitled *Warranty of general conditions 2010A* is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs (including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

All other provisions of the warranty section remain in effect.

### **6.3 Term of Standing Offer**

#### **6.3.1 Period of the Standing Offer**

The period for making call-ups against the Standing Offer is thirty-six (36) months from the date of Standing Offer award.

#### **6.3.2 Extension of Standing Offer**

If the Standing Offer is authorized for use beyond the initial period, the Contractor offers to extend its offer for three (3) additional one (1) periods, under the same conditions and at the rates or prices specified in the Standing Offer, or at the rates or prices calculated in accordance with the formula specified in the Standing Offer.

The Contractor will be advised of the decision to authorize the use of the Standing Offer for an extended period by the Standing Offer Authority 60 days before the expiry date of the Standing Offer. A revision to

the Standing Offer will be issued by the Standing Offer Authority.

### **6.3.3 Delivery Date**

Delivery must be completed in accordance with the call-up against the Standing Offer.

### **6.3.4 Delivery - Appointments**

The Contractor must make deliveries to the DND Depot by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Receipts Section identified in each Call-up. The consignee may refuse shipments when prior arrangements have not been made.

### **6.3.5 Shipping Instructions - Delivery at Destination**

Goods must be consigned and delivered, Incoterms 2010 "DDP Delivered Duty Paid", to the following unless specified otherwise in the Call-Up:

DND Depot  
61 Industrial Ave  
Petawawa, Ontario, H8H 2W8.

## **6.4 Payment**

### **6.4.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price(s) as specified in the Basis of Payment, Annex "K". Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Standing Offer Authority before their incorporation into the Work.

### **6.4.2 Multiple Payments**

SACC *Manual* clause [H1001C](#) (2008-05-12) Multiple Payments

### **6.4.3 Electronic Payment of Invoices – Call-up**

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

*[List to be updated in the resulting Standing Offer]*

- a) Direct Deposit (Domestic and International);
- b) Electronic Data Interchange (EDI);

## **6.5 Invoicing Instructions**

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a) The original and one (1) copy must be forwarded to the consignee for certification of delivery.
  - b) One (1) copy must be forwarded to the Standing Offer Authority identified under the section entitled "Authorities" of the Contract for payment.



**6.6 Insurance**

SACC Manual clause G1005C (2016-01-28) Insurance – No Specific Requirement.

**6.7 Defence Contract**

SACC Manual Clause A9006C (2012-07-16) Defence Contract

**6.8 Materials: Contractor Total Supply**

The Contractor will be responsible for obtaining all materials required in the manufacture of the item(s) specified. The delivery stated for the item(s) allows the necessary time to obtain such materials.

**6.9 Procedures for Design Change/Deviations**

The Contractor must follow these procedures for any proposed design change/deviation to Standing Offer specifications.

The Contractor must complete Part 1 to 12B the Design Change/Deviation form DND 675 and forward one (1) copy to the Technical Authority and one (1) copy to the Standing Offer Authority.

The Contractor will be authorized to proceed upon receipt of the design change/deviation form signed by the Standing Offer Authority. A Standing Offer amendment will be issued to incorporate the design change/deviation in the Standing Offer.

**6.10 Plant Closing**

The Contractor plant closing for Christmas and Summer holidays are as follows. During this time there will be no shipments.

Summer Holiday	FROM _____	TO _____
Christmas Holiday	FROM _____	TO _____

**6.11 Plant Location**

Items will be manufactured at: \_\_\_\_\_

**6.12 Subcontractor(s)**

The following subcontractor(s) will be utilized in the performance of the contract.

Name of Company: \_\_\_\_\_

Location: \_\_\_\_\_

Value of subcontract: \$ \_\_\_\_\_

Nature of subcontracting work performed: \_\_\_\_\_

Subcontractors, other than those listed above, may not be utilized without the written permission of Canada.

**6.13 Overshipment**

Overshipment will not be accepted unless prior approval is obtained from the Standing Offer Authority.

**6.14 Post Standing Offer Award Meeting**

A post Standing Offer award meeting may be convened within twenty (20) calendar days after award of Standing Offer. Participants may include representatives of the Contractor, the DND Technical Authority and the Standing Offer Authority. Other meetings may be convened as required.

The Contractor is responsible for the recording and distribution of the minutes for all Standing Offer related meeting. The minutes must be sent to the Standing Offer Authority for acceptance prior to the

distribution to all participants or as otherwise directed in the Standing Offer within ten (10) calendar days of the subject meeting. The minutes must be used only as a record of proceedings.

### **6.15 Packaging Requirement**

The Contractor must prepare all items for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification *D-LM-008-036/SF-000*, DND Minimum Requirements for Manufacturer's Standard Pack.

The Contractor must package all items with the exception of item F1 (Name Tapes) in quantities of one (1). The Contractor must package item F1 in quantities of three (3) each per package.

SACC Manual clause [D2000C](#) 2007-11-30, Markings

SACC Manual clause [D2001C](#) 2007-11-30, Labelling

### **6.16 Quality Assurance**

#### **6.16.1 Quality Control Inspection (Receipt)**

DND will conduct random Quality Control Inspections of accoutrements for overall quality and workmanship upon receipt. The material must be free of imperfections or blemishes that may adversely affect its appearance, quality or serviceability. For inspection purposes, imperfections and blemishes must be considered defects when clearly visible at a normal inspection distance of approximately 1 m (3.3 ft) under day light conditions. Good commercial standard practices must apply throughout, with the following being considered poor commercial standard practice:

- a) Any hole, cut, tear, mend, drop stitch, loose knit, miss knit, streak, knitted-in-waste, permanent fold, pleat or crease;
- b) Any spot or stain, discoloration or colour not as specified; and
- c) Any shaded part or any objectionable odor.

Any delivered items that do not pass the receipt inspection will be returned to the Contractor for repair or disposal. If 5% (or more) of a given delivery order is found to be unacceptable, up to the entire delivery order, at the discretion of DND, may be returned to the Contractor for repair or disposal.

SACC Manual Clause [D5545C](#) (2019-05-30) ISO 9001:2015 – Quality Management Systems- Requirements -Quality Assurance Code “C”.

**ANNEX "A"**  
**STATEMENT OF WORK**  
**FOR**  
**MULTICAM BADGES AND INSIGNIA**

**1.0 SCOPE**

1.1 Purpose

The purpose of this Statement of Work is to define the scope and requirements for provision of MULTICAM® badges and insignia to the Department of National Defence.

1.2 Background

DND has a requirement for hook-back (stick-on) accoutrements including rank patches, name tapes, and special insignia for use with various MULTICAM® uniforms.. The accoutrements will be identical in design to those currently in service with the Canadian Armed Forces, but with a background and embroidery to match the MULTICAM® uniforms as follows:

- Rank patches and name tapes - MULTICAM® background and black embroidery;
- Special insignia including:
  - o Canada flags in various configurations as follows:
    - Coyote brown embroidery on a black background; and
    - Infrared reflective in various configurations;
  - o Spearhead; and
  - o Various qualification insignia.

1.3 Applicable Documents

The following documents form part of this statement of work to the extent specified and are supportive of this statement of work when referenced; all other document references are to be considered supplemental information only.

- Annex B - Common Rank Patch Technical Supplement
- Annex C - Army Rank Patch Technical Supplement
- Annex D - Air Force Patch Technical Supplement
- Annex E - Navy Rank Patch Technical Supplement
- Annex F - Name Tape Technical Supplement
- Annex G - Special Insignia Patch Technical Supplement
- Annex H - Specification for MULTICAM® Badges and Insignia, Embroidered
- Annex I - Specification for Cloth, Ripstop, 50/50 Nylon Cotton (MULTICAM®)

1.4 Acronyms

DND	Department of National Defence
-----	--------------------------------

**2.0 REQUIREMENT**

The Department of National Defence has a requirement for MULTICAM® patches and insignia on an "as and when required basis".

2.1 Deliverables

The Contractor must deliver MULTICAM® patches and insignia in accordance with the individual call-ups against the Standing Offer, manufactured in accordance with the Technical Supplements (Annexes "B", "C", "D", "E", "F" and "G"), the sealed samples, and specifications (Annexes "H" and "I").

2.1.1 Name Tapes

For name tapes the following applies:

- (a) Name tapes will be ordered as a set of three (3);
- (b) Name tape embroidered element emblem will be specific to the environment of the individual (e.g., Army: V-42 Dagger, Navy: Anchor, Air Force: Eagle); and
- (c) Embroidered names - Accents (e.g., apostrophe, hyphen, French language specific accents, etc.) may be added to individual's name and must be specifically requested at the time the Call-Up is submitted.

2.2 Forecasted Demand

The estimated forecasted demand is as follows:

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Option Year 1</b>	<b>Option Year 2</b>	<b>Option Year 3</b>
\$80k	\$80k	\$80k	\$80k	\$80k	\$80k


**ANNEX "B"****COMMON RANK PATCH TECHNICAL SUPPLEMENT**


Technical supplements for each item are given at Annex B, Appendix 1.

Item	Pattern No.	NSN	Common Rank Patches
B1	645-17	8455-20-010-7738	Insignia, Rank, Officer; General/Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
B2	646-17	8455-20-010-7739	Insignia, Rank, Officer; Lieutenant General/Vice-Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
B3	647-17	8455-20-010-7740	Insignia, Rank, Officer; Major General/Rear-Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
B4	648-17	8455-20-010-7741	Insignia, Rank, Officer; Brigadier General/Commodore, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Maple Leaf, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
B5	667-17	8455-20-010-7742	Insignia, Rank, NCM; Canadian Forces CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms Surrounded By Maple Leafs); "CANADA"; Black embroidered border; Hook Back; Each
B6	668-17	8455-20-010-7743	Insignia, Rank, NCM; Sgt Major CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms with Laurel Leaves Underneath); "CANADA"; Black embroidered border; Hook Back; Each
B7	669-17	8455-20-010-7744	Insignia, Rank, NCM; Senior Appointment CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms with CF Crest Below); "CANADA"; Black embroidered border; Hook Back; Each
B8	670-17	8455-20-010-7745	Insignia, Rank, NCM; CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms); "CANADA"; Black embroidered border; Hook Back; Each
B9	671-17	8455-20-010-7746	Insignia, Rank, NCM; MWO/CPO2, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Large Crown surrounded by Laurel Leaves); "CANADA"; Black embroidered border; Hook Back; Each


Item	Pattern No.	NSN	Common Rank Patches
B10	672-17	8455-20-010-7747	Insignia, Rank, NCM; WO/PO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Large Crown); "CANADA"; Black embroidered border; Hook Back; Each
B11	673-17	8455-20-010-7748	Insignia, Rank, NCM; SGT/PO2, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each
B12	674-17	8455-20-010-7749	Insignia, Rank, NCM; MCPL/MS, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each
B13	675-17	8455-20-010-7750	Insignia, Rank, NCM; CPL/LS, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Chevrons) "CANADA"; Black embroidered border; Hook Back; Each
B14	676-17	8455-20-010-7751	Insignia, Rank, NCM; PVT/AB, Level 4, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Chevron "CANADA"; Black embroidered border; Hook Back; Each
B15	677-17	8455-20-010-7752	Insignia, Rank, NCM; Aviator-Trained, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Propeller) "CANADA"; Black embroidered border; Hook Back; Each

**APPENDIX 1 TECHNICAL SUPPLEMENTS**

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7738
<b>Nomenclature</b>	Insignia, Rank, Officer; General/Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B1: DSSPM 645-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7739
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant General/Vice-Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B2: DSSPM 646-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	





<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7740
<b>Nomenclature</b>	Insignia, Rank, Officer; Major General/Rear-Admiral, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B3: DSSPM 647-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7741
<b>Nomenclature</b>	Insignia, Rank, Officer; Brigadier General/Commodore, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Maple Leaf, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B4: DSSPM 648-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	





<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7742
<b>Nomenclature</b>	Insignia, Rank, NCM; Canadian Forces CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms Surrounded By Maple Leafs); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B5: DSSPM 667-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7743
<b>Nomenclature</b>	Insignia, Rank, NCM; Sgt Major CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms with Laurel Leaves Underneath); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B6: DSSPM 668-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7744
<b>Nomenclature</b>	Insignia, Rank, NCM; Senior Appointment CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms with CF Crest Below); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B7: DSSPM 669-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7745
<b>Nomenclature</b>	Insignia, Rank, NCM; CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Canadian Coat of Arms); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B8: DSSPM 670-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7746
<b>Nomenclature</b>	Insignia, Rank, NCM; MWO/CPO2, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Large Crown surrounded by Laurel Leaves); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B9: DSSPM 671-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7747
<b>Nomenclature</b>	Insignia, Rank, NCM; WO/PO1, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Large Crown); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B10: DSSPM 672-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	




<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7748
<b>Nomenclature</b>	Insignia, Rank, NCM; SGT/PO2, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B11: DSSPM 673-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7749
<b>Nomenclature</b>	Insignia, Rank, NCM; MCPL/MS, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B12: DSSPM 674-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7750
<b>Nomenclature</b>	Insignia, Rank, NCM; CPL/LS, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Chevrons) "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B13: DSSPM 675-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7751
<b>Nomenclature</b>	Insignia, Rank, NCM; PVT/AB, Level 4, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Chevron "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B14: DSSPM 676-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7752
<b>Nomenclature</b>	Insignia, Rank, NCM; Aviator-Trained, CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Propeller) "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item B15: DSSPM 677-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

**ANNEX "C"****ARMY RANK PATCH TECHNICAL SUPPLEMENT**

Technical supplements for each item are given at Annex C Appendix 1.


Item	Pattern No.	NSN	Army Rank Patches
C1	649-17	8455-20-010-7766	Insignia, Rank, Officer; Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown & 2 Stars); "CANADA"; Black embroidered border; Hook Back; Each
C2	652-17	8455-20-010-7767	Insignia, Rank, Officer; Lieutenant Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown & 1 Stars); "CANADA"; Black embroidered border; Hook Back; Each
C3	655-17	8455-20-010-7768	Insignia, Rank, Officer; Major (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown); "CANADA"; Black embroidered border; Hook Back; Each
C4	658-17	8455-20-010-7769	Insignia, Rank, Officer; Captain (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Stars); "CANADA"; Black embroidered border; Hook Back; Each
C5	661-17	8455-20-010-7770	Insignia, Rank, Officer; Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Stars); "CANADA"; Black embroidered border; Hook Back; Each
C6	664-17	8455-20-010-7771	Insignia, Rank, Officer; 2nd Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Star); "CANADA"; Black embroidered border; Hook Back; Each


**APPENDIX 1 TECHNICAL SUPPLEMENTS**


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7766
<b>Nomenclature</b>	Insignia, Rank, Officer; Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown & 2 Stars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C1: DSSPM 649-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7767
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown & 1 Stars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C2: DSSPM 652-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	



<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7768
<b>Nomenclature</b>	Insignia, Rank, Officer; Major (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (Crown); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C3: DSSPM 655-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7769
<b>Nomenclature</b>	Insignia, Rank, Officer; Captain (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Stars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C4: DSSPM 658-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7770
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Stars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C5: DSSPM 661-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7771
<b>Nomenclature</b>	Insignia, Rank, Officer; 2nd Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Star); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item C6: DSSPM 664-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


**ANNEX "D"****AIR FORCE RANK PATCH TECHNICAL SUPPLEMENT**


Technical supplements for each item are given at Annex D Appendix 1.

Item	Pattern No.	NSN	Air Force Rank Patches
D1	650-17	8455-20-010-7775	Insignia, Rank, Officer; Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Bars); "CANADA"; Black embroidered border; Hook Back; Each
D2	653-17	8455-20-010-7776	Insignia, Rank, Officer; Lieutenant-Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Bars); "CANADA"; Black embroidered border; Hook Back; Each
D3	656-17	8455-20-010-7777	Insignia, Rank, Officer; Major (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 1/2 Bars); "CANADA"; Black embroidered border; Hook Back; Each
D4	659-17	8455-20-010-7778	Insignia, Rank, Officer; Captain (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Bars); "CANADA"; Black embroidered border; Hook Back; Each
D5	662-17	8455-20-010-7779	Insignia, Rank, Officer; Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 1/2 Bar); "CANADA"; Black embroidered border; Hook Back; Each
D6	665-17	8455-20-010-7780	Insignia, Rank, Officer; 2nd Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Bar); "CANADA"; Black embroidered border; Hook Back; Each


**APPENDIX 1 TECHNICAL SUPPLEMENTS**


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7775
<b>Nomenclature</b>	Insignia, Rank, Officer; Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Bars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D1: DSSPM 650-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7776
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant-Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Bars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D2: DSSPM 653-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7777
<b>Nomenclature</b>	Insignia, Rank, Officer; Major (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 1/2 Bars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D3: DSSPM 656-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	



<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7778
<b>Nomenclature</b>	Insignia, Rank, Officer; Captain (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Bars); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D4: DSSPM 659-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7779
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 1/2 Bar); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D5: DSSPM 662-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7780
<b>Nomenclature</b>	Insignia, Rank, Officer; 2nd Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Bar); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item D6: DSSPM 664-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	


**ANNEX "E"****NAVY RANK PATCH TECHNICAL SUPPLEMENT**


Technical supplements for each item are given at Annex E Appendix 1.


Item	Pattern No.	NSN	Navy Rank Patches
E1	651-17	8455-20-010-7781	Insignia, Rank, Officer; Captain (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
E2	654-17	8455-20-010-7782	Insignia, Rank, Officer; Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
E3	657-17	8455-20-010-7783	Insignia, Rank, Officer; Lieutenant-Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
E4	660-17	8455-20-010-7784	Insignia, Rank, Officer; Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
E5	663-17	8455-20-010-7785	Insignia, Rank, Officer; Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
E6	666-17	8455-20-010-7786	Insignia, Rank, Officer; Acting Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each

**ANNEX E APPENDIX 1 TECHNICAL SUPPLEMENTS**

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7781
<b>Nomenclature</b>	Insignia, Rank, Officer; Captain (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (4 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E1: DSSPM 651-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7782
<b>Nomenclature</b>	Insignia, Rank, Officer; Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (3 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E2: DSSPM 654-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7783
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant-Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E3: DSSPM 657-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	

<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7784
<b>Nomenclature</b>	Insignia, Rank, Officer; Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E4: DSSPM 660-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	
	



<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7785
<b>Nomenclature</b>	Insignia, Rank, Officer; Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E5: DSSPM 663-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	



<b>Specification governing all rank patches</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7786
<b>Nomenclature</b>	Insignia, Rank, Officer; Acting Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM® Background; Patch Style; (1 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each
<b>Sealed Pattern Number</b>	Item E6: DSSPM 666-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Thread, Embroidery, 24 Tex cotton, matte finish, in accordance with sealed pattern for embroidery and 24 Tex cotton or 40 Tex cotton, matte finish for merrowed edge
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Edge</b>	Merrow edging in black that fully encapsulates the face material and the hook tape backing material.
<b>Colours</b>	Black matte finish for embroidery
	Black matte finish for merrowed edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to match Sealed Pattern in Size, Quality & Colour
<b>Date Prepared</b>	



**ANNEX "F"**

**NAME TAPES**

Technical supplement is given at Annex F Appendix 1.

Item	Pattern No.	NSN	Name Tapes
F1	644-17	8455-20-010-7788	Badge, Identification, Name Tape, CANSOFCOM; Black Embroidered on MULTICAM; Black embroidered border; Element Emblem (V-42 Dagger, Eagle or Anchor); Hook Back; Set

**ANNEX F APPENDIX 1 TECHNICAL SUPPLEMENTS**

<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7788
<b>Nomenclature</b>	Badge, Identification, Name Tape, CANSOFCOM; Black Embroidered on MULTICAM; Black embroidered border; Element Emblem (V-42 Dagger, Eagle or Anchor); Hook Back; Set
<b>Sealed Pattern Number</b>	Item F1: DSSPM 644-17
<b>Drawings</b>	N/A
<b>Material</b>	ANNEX I - Specification for CLOTH, RIPSTOP 50/50 NYLON COTTON (MULTICAM®)
<b>Embroidery Yarn</b>	Embroidery: poly/cotton black;
	Border: Black matte finish poly/cotton
<b>NAME</b>	XXXXXXXXXXXXX **
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Unit of Issue</b>	Set of three (3)
<b>Notes</b>	The name tape shall be 25mm (1") high by 153 mm (6") long
	** Lettering names 1 cm (3/8") high for names up to and including 13 letters and 8mm (5/16") high for names 14 letters and over with matching stitched borders. NAME FOLLOWS EMBLEM (V-42 Dagger in circle)
<b>Date Prepared</b>	



**ANNEX "G"****SPECIAL INSIGNIA PATCH TECHNICAL SUPPLEMENT**

Technical supplement is given at Annex G Appendix 1.


Item	Pattern No.	NSN	Special Insignia
G1	DSSPM 643-17	8455-20-010-7787	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each
G2	DSSPM 773-18	8455-20-011-7676	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each
G3	CANSOFCOM 01-21	D0-010-2362	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & Tan); Hook Back; Each
G4	CANSOFCOM 02-21	D0-010-2363	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & MULTICAM); Hook Back; Each
G5	DSSPM 728-18	TBD	Insignia, Shoulder; Spearhead; CANSOFCOM; black embroidery on black polyester twill; Black embroidered border; Hook Back, Each
G6	CANSOFCOM 01-22	D0-0102568	Badge, Qualification, Pilot, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
G7	CANSOFCOM 02-22	D0-0102569	Badge, Qualification, Flight Crew, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
G8	CANSOFCOM 03-22	D0-0102570	Badge, Qualification, Flight Engineer, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
G9	CANSOFCOM 04-22	D0-0102571	Badge, Qualification, Tactical Aviation Door Gunner, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
G10	CANSOFCOM 05-22	D0-0102572	Badge, Qualification, Airborne Electronic Sensor Operator, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
G11	CANSOFCOM 06-22	D0-0102572	Insignia, Shoulder Sleeve, CANSOFCOM, Griffon Canada, Black Embroidery on MULTICAM Background, Size 3.25 diameter, Hook Back
G12	CANSOFCOM 07-22	D0-0102574	Insignia, Shoulder Sleeve, CANSOFCOM, First Aid, "TCCC", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back

Item	Pattern No.	NSN	Special Insignia
G13	CANSOFCOM 08-22	D0-0102575	Insignia, Shoulder Sleeve, CANSOFCOM, "SENTINEL", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
G14	CANSOFCOM 09-22	D0-0102576	Insignia, Shoulder Sleeve, CANSOFCOM, "PADRE", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
G15	CANSOFCOM 10-22	D0-0102578	Insignia, Shoulder Sleeve, CANSOFCOM, "SOMT", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
G16	CANSOFCOM 11-22	D0-0102580	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "SOMT", IR SOMT on MULTICAM Background, Size 2 x 3.5, Hook Back
G17	CANSOFCOM 12-22	D0-0102581	Insignia, Shoulder Sleeve, CANSOFCOM, "MP", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
G18	CANSOFCOM 13-22	D0-0102582	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "MP", IR MP on MULTICAM Background, Size 2 x 3.5, Hook Back

**ANNEX G APPENDIX 1 TECHNICAL SUPPLEMENTS**

<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-010-7787
<b>Nomenclature</b>	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each
<b>Sealed Pattern Number</b>	Item G1: DSSPM 643-17
<b>Dimensions</b>	5cm X 10cm
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
	Thread, Embroidery, 100% polyester; Colour: Coyote brown (FED-STD-595A Colour Number 20150)
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	




<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	8455-20-011-7676
<b>Nomenclature</b>	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each
<b>Sealed Pattern Number</b>	Item G2: DSSPM 773-18
<b>Dimensions</b>	2.5cm X 5cm
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
	Thread, Embroidery, 100% polyester; Colour: Coyote brown (FED-STD-595A Colour Number 20150)
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	
	



<b>Stock Number</b>	D0-010-2362
<b>Nomenclature</b>	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & Tan); Hook Back; Each
<b>Sealed Pattern Number</b>	Item G3: CANSOFCOM 01-21
<b>Dimensions</b>	5cm X 9cm
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
<b>Attachment</b>	Glued
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Unit of Issue</b>	Each
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>Stock Number</b>	D0-010-2363
<b>Nomenclature</b>	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & MULTICAM); Hook Back; Each
<b>Sealed Pattern Number</b>	Item G4: CANSOFCOM 02-21
<b>Dimensions</b>	5cm X 10cm
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Coyote brown (FED-STD-595A Colour Number 20150)
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour, glued and sewn to the Insignia in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Unit of Issue</b>	Each
<b>Date Prepared</b>	
	

<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	TBD
<b>Nomenclature</b>	Insignia, Shoulder; Spearhead; CANSOFCOM; black embroidery on black polyester twill; Black embroidered border; Hook Back, Each
<b>Sealed Pattern Number</b>	Item G5: CANSOFCOM-14-22
<b>Material</b>	Black polyester twill
<b>Embroidery Yarn</b>	Black
<b>Edge</b>	Merrow edging in Black in accordance with sealed pattern
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the Insignia.
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102568
<b>Nomenclature</b>	Badge, Qualification, Pilot, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
<b>Sealed Pattern Number</b>	Item G6: CANSOFCOM 01-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102569
<b>Nomenclature</b>	Badge, Qualification, Flight Crew, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
<b>Sealed Pattern Number</b>	Item G7: CANSOFCOM 02-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102570
<b>Nomenclature</b>	Badge, Qualification, Flight Engineer, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
<b>Sealed Pattern Number</b>	Item G8: CANSOFCOM 03-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102571
<b>Nomenclature</b>	Badge, Qualification, Tactical Aviation Door Gunner, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
<b>Sealed Pattern Number</b>	Item G9: CANSOFCOM 04-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102572
<b>Nomenclature</b>	Badge, Qualification, Airborne Electronic Sensor Operator, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back
<b>Sealed Pattern Number</b>	Item G10: CANSOFCOM 05-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	





<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102573
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, Griffon Canada, Black Embroidery on MULTICAM Background, Size 3.25 diameter, Hook Back
<b>Sealed Pattern Number</b>	Item G11: CANSOFCOM 06-22
<b>Dimensions</b>	3.25 in diameter
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102574
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, First Aid, "TCCC", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G12: CANSOFCOM 07-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-010256875
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, "SENTINEL", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G13: CANSOFCOM 08-22
<b>Dimensions</b>	4 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



**Note: Badge shown with CADPAT background, white embroidery and rounded edges. Correct version will have a MULTICAM background, black embroidery and square edges.**

<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102576
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, "PADRE", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G14: CANSOFCOM 09-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	




<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102578
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, "SOMT", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G15: CANSOFCOM 10-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102580
<b>Nomenclature</b>	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "SOMT", IR SOMT on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G16: CANSOFCOM 11-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Coyote brown (FED-STD-595A Colour Number 20150)
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	



<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-0102581
<b>Nomenclature</b>	Insignia, Shoulder Sleeve, CANSOFCOM, "MP", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G17: CANSOFCOM 12-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Black
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	
	

<b>Specification</b>	ANNEX H - Specification for MULTICAM® Badges and Insignia
<b>NSN</b>	D0-010-2582
<b>Nomenclature</b>	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "MP", IR MP on MULTICAM Background, Size 2 x 3.5, Hook Back
<b>Sealed Pattern Number</b>	Item G18: CANSOFCOM 13-22
<b>Dimensions</b>	3.5 in X 2 in
<b>Embroidery Yarn</b>	Thread, Embroidery, 100% polyester; Colour: Coyote brown (FED-STD-595A Colour Number 20150)
<b>Backing</b>	As per para 2.2.5 (Annex H); hook portion of hook & loop tape applied to badge back (Mil Spec, Fastener Tapes, Hook and Loop, Synthetic; A-A55146B, Type II, Class 1)
	The Hook Part of the Hook and Loop Fastener is to be Black in colour and sewn to the badge in accordance with the Sealed Pattern
<b>Stitching</b>	Floating stitches shall be short enough to prevent snagging.
<b>Attachment</b>	Stitched Edge
<b>Unit of Issue</b>	Each
<b>Notes</b>	Item is to Match Sealed Pattern in Size, Quality, Colour and materials; patch shall not distort when placed at rest on a flat surface
<b>Date Prepared</b>	





## ANNEX "H"

### SPECIFICATION FOR MULTICAM® BADGES AND INSIGNIA, EMBROIDERED

#### 1.0 SCOPE

##### 1.1 Scope

This specification encompasses the materials, design, construction and inspection requirements for embroidered badges and insignia with a MULTICAM® background.

##### 1.2 Applicable Documents

The following documents form part of this specification to the extent specified, and are supportive of this specification when referenced; all other document references are to be considered supplemental information only. Effective dates must be those in effect on the date of invitation to tender. The Contractor is responsible for obtaining copies of all documents that may be applicable to the requirement; which are available commercially or from the publishing organization as detailed below. In the event of a conflict between the documents referenced and the contents of this specification, then the contents of this specification must take precedence:

American Association of Textile Chemists and Colorists (AATCC) - Technical Manual  
American Association of Textile Chemists and Colorists  
Research Triangle Park  
P.O.Box 886  
Durham, North Carolina 27702, USA

Standard Color Card of America  
The Textile Color Card Association of the United States  
200 Madison Avenue, New York, New York, USA

United States Department of Defense Standard Color Card of Official Standardized Shades for Heraldic Yarns  
The Color Association of the United States Inc.  
343 Lexington Avenue, New York, New York 10016, USA

CAN/CGSB-4.2-M Textile Test Methods  
Canadian General Standards Board Sales Centre  
11Laurier Street  
Place du Portage, Phase III  
Gatineau (Hull), Quebec, K1A 1G6

A-A-55126B Commercial Item Description - Fastener Tape, Hook and Loop, Synthetic  
(Available upon demand)

##### 1.3 Definition of Terms

###### 1.3.1 Sealed Pattern

A sealed pattern is an exact duplicate of the master sealed pattern and is available to the manufacturer to be used as a guide in production.

## 2.0 REQUIREMENTS

### 2.1 Design

Badges and insignia must be in accordance with the applicable sealed samples except where specified otherwise in the request for proposal. The design of the crown, maple leaf, lion, sword and baton must remain constant and must be in accordance with the approved designs shown (see Figures 1, 2, 3 and 4). The amount of detail that may be included will depend on the size of the badge or insignia being embroidered.

#### 2.1.1 Base Fabric

Base fabric must be in accordance with the applicable specification as cited in the request for proposal.

### 2.2 Materials

Materials must conform to the referenced specifications and the requirements specified herein.

#### 2.2.1 Padding

Padding must be light brown jute with a string core and must weigh not less than 500 g/m<sup>2</sup> nor more than 610 g/m<sup>2</sup>. A commercially available 6.3 mm white felt in accordance with Table 1 will be acceptable.

Table 1: Finished Felt

Property	Test Method	Specified Requirements	Minimum Acceptable	Maximum Acceptable
Fibre Content (%)	CAN/CGSB-4.2-M - 14.3	75% polyester 25% rayon	70% polyester 30% rayon	80% polyester 20% rayon
Mass (g/m <sup>2</sup> )	CAN/CGSB-4.2-M - 5.A	874 g/m <sup>2</sup>	830 g/m <sup>2</sup>	917 g/m <sup>2</sup>
Analysis of finishing materials (%)	AATCC Technical Manual 94-1977			0.9%
Width (cm)	CAN/CGSB-4.2-M - 4	180	170	190
Thickness (mm)	CAN/CGSB-4.2-M - 37	6.3	6.0	6.7

#### 2.2.2 Padding Cover

The padding (where required) must be covered with a commercially available fabric acceptable to the Quality Assurance Authority and must match the base fabric. A commercially available black polyester/cotton blend material in accordance with Table 2 will be acceptable.

Table 2: Padding Cover, Outer Ply

Property	Test Method	Specified Requirements	Minimum Acceptable	Maximum Acceptable
Fibre Content (%)	CAN/CGSB-4.2-M Test 14.3	50% polyester 50% rayon	45% polyester 55% rayon	55% polyester 45% rayon
Mass (g/m <sup>2</sup> )	CAN/CGSB-4.2-M	300 g/m <sup>2</sup>	285 g/m <sup>2</sup>	315 g/m <sup>2</sup>

	Test 5.A			
Analysis of finishing materials (%)	AATCC Technical Manual 94-1977			1.0%
Weave		2/1 "S" twill		
Width (cm)	CAN/CGSB-4.2-M Test 4	112	110	114
Colourfastness to Washing	CAN/CGSB-4.2-M 19.1 Test No 3	No change in colour and no staining. Grey scale 5	No marked change in colour and no appreciable change in staining. Grey scale 4	
Colourfastness to Dry Cleaning	CAN/CGSB-4.2-M Test 29.1	No change in colour and no staining. Grey scale 5	No marked change in colour and no appreciable staining. Grey scale 4	
Colourfastness to Crocking	CAN/CGSB-4.2-M Test 22	Dry- Grey Scale 4 Wet- Grey Scale 3	Dry - Grey Scale 3 Wet- Grey Scale 2	

### 2.2.3 Embroidery Yarn

The embroidery yarn must be a semi dull continuous filament regenerated cellulose type rayon yarn. The yarn must be 150, 100, or 75 denier as 'applicable. Unless otherwise specified, the use of polyester is authorized in lieu of rayon except when 75 denier is specified. When polyester yarn is used, 135 denier will be substituted for 150 denier, 90 denier will be substituted for 100 denier, and 70 denier will be substituted for 75 denier rayon.

#### 2.2.3.1 Metallic Yarn

When specified, the metallic yarn must be an embroidery yarn with a nylon core wrapped spirally with a gold or silvered polyester. Proportion is 51% polyester, 45% nylon and 4% silver or gold.

#### 2.2.3.2 Colours

The colours of embroidery threads must be in accordance with the applicable drawing, the sealed pattern, or as specified in the request for proposal for each individual badge or insignia. Cable numbers shown on the applicable drawings must be in accordance with the Standard Color Card of America, the United States Department of Defense (DOD) Color Card, or the DND sealed pattern.

#### 2.2.3.3 Matching

The colour must match the standard sample when viewed under filtered tungsten lamps which approximate artificial daylight having a correlated colour temperature of 7000 K (+/- 500 K) with illumination of 100 foot candles (+/- 20 foot candles) and must be good match to the sample under incandescent lamplight at 2300 K (+/- 100 K). The degree of luster must be equal to the standards established in the DOD Standard Color Card of Official Standardized Shades for Heraldic Yarns for Embroidery and Ribbons, 1974.

#### 2.2.3.4 Colour Fastness

The threads must be colour fast at least equal to the requirements specified (refer to Table 3).

Table 3: Colourfastness

Property	CAN/CGSB-42.-M Test Method	Specified Requirements
Colourfastness to Light	18.1	At least equal to Standard No. 6.
Colourfastness to Dry Cleaning	29.1	No appreciable change in colour and no appreciable staining of the attached white fabric. Grey Scale 4.
Colourfastness to Water	20	No appreciable change in colour and no appreciable staining of the attached white fabric. Grey Scale 4.

#### 2.2.3.5 Colour Change

Colour change must be in accordance with the American Association of Textile Chemists and Colorists (AATCC) Grey Scale (refer to Table 4).

Table 4: Grey Scale for Evaluating Changes in Colour and Staining

Rating for Both Grey Scales			
Accept		Reject	
Perfect	5	Poor	3
Excellent	4-5	Bad	2-3
Good	4	Very Bad	2
Fair	3-4	Worse	1-2
		Worst	1

#### 2.2.4 Bottom Threads

Bobbin yarn must be No.60 two-ply cotton mercerized, polyester thread No. 62 or No. 72, 2-ply, or nylon No. 60 2-ply.

#### 2.2.5 Badge or Insignia Backing

The backing must be a commercially available fabric. The backing must match the base fabric and must be glued or laminated to the base fabric. Polyethylene film may be used as badge backing provided the film meets the requirements of Table 5 and the colour matches the base material. Where specified, the hook and loop tape backing must be in accordance with A-A55126B, Type II, Class 1.

Table 5: Badge Backing Adhesive

Property	Test Method	Specified Requirements	Minimum Acceptable	Maximum Acceptable
Analysis of Polymer	Infrared Spectrophotometry	Polyamide		
Thickness of Polymer (mm)	Infrared Spectrophotometry	0.1524 mm at 1kPa	0.148 mm at 1kPa	0.1600 mm at 1kPa
OR				

Vinyl Stabilizing Film (%)	Infrared Spectrophotometry	65% polyvinyl chloride 35% plasticizer	60% polyvinyl chloride 40% plasticizer	70% polyvinyl chloride 30% plasticizer
Thickness of Stabilizing Film (mm)	Infrared Spectrophotometry	0.5 mm	0.4 mm	0.6 mm
OR				
Homopolymer Polyethylene Film	Infrared Spectrophotometry			
Thickness of Polyethylene Film	Infrared Spectrophotometry	0.5 mm	0.4 mm	0.6 mm

### 2.2.6 Badge or Insignia Backing Adhesive

The adhesive must be a commercially available adhesive and must meet the requirements specified (refer to Table V). When vinyl stabilizing film or polyethylene film is used as backing adhesive, the film must be opaque for light and black for dark colored base fabrics. The film must be full set with a melting temperature in excess of 149°C (300°F).

Embroidered slip-ons must be sealed using fusible interlining material to match the colour of the base material. The interlining material must have the following characteristics:

- (a) Fibre content - Polyester/rayon/nylon.
- (b) Binder component - Acrylic latex.
- (c) Base material weight -54 g/m<sup>2</sup>.
- (d) Fusible - Low density polyethylene additional 33 g/m<sup>2</sup>.

### 2.3 Construction

#### 2.3.1 Embroidery

The embroidery stitches must penetrate the base and backing materials and must be compactly placed to prevent the base material from showing between the stitches.

#### 2.3.2 Padding

When padding is required, the material used must be as specified (refer to paragraphs 2.3.1 and 2.3.2).

### 2.4 Border Stitches

The raw edge of the base fabric must be border stitched in such a manner that the fabric is completely covered. Where a merrowed edge is specified, the stitching must fully capture the edge of the base fabric and the backing material. The thread must match the base fabric as closely as possible, unless otherwise specified. The badge or insignia must be trimmed as close as possible to the stitched border. The base material must not protrude beyond the border.

Note: Border stitching by Schrage stitch or a combination of Blatt and Stiele stitches, equal in density to a Schrage stitch, have been found satisfactory.

#### 2.4.1 Overedge Stitching (Fray Proof Border)

The overedge border must match the base fabric as closely as possible, unless otherwise specified. On all shapes and designs, there must be an overlap of at least 1.5 mm (1/16 in.) of the overedge border. The start and finish of the border must be in a least noticeable place. There should be no fewer than 24 stitches per 2.5 cm (1 in) (tolerance of +/-3 stitches per 2.5 cm (1 in)). The overedge border must be continuous from start to finish. Corners must not be rounded off unless specified. The final free end of the overedge must be brought to the back of the insignia and secured with adhesive, fused down with a hot iron or pulled through the overlap with a latch needle.

### **3.0 DND SUPPORT TO CONTRACTOR**

#### 3.1.1 Sealed Patterns

Sealed patterns, when available, will be supplied to the successful Contractor. The sealed patterns will be used for the guidance of the contractor in all factors not covered by this specification. In order to receive Sealed Patterns against this solicitation, potential Contractors must provide the following details with their request:

- Company Name
- Complete mailing & physical address (p.o. box numbers not acceptable)
- Area code and telephone number
- Contact name
- E-mail address
- Request for Standing Offer Number & Closing Date

Requests should be sent to the following: E-mail: [matthew.yaraskovitch@forces.gc.ca](mailto:matthew.yaraskovitch@forces.gc.ca)

The sealed patterns which may have been sent to you, are to be returned to the sender, if you are the unsuccessful Contractor. The sealed patterns are not to be mutilated or cut, and must be returned in the same condition as sent to the Contractor.

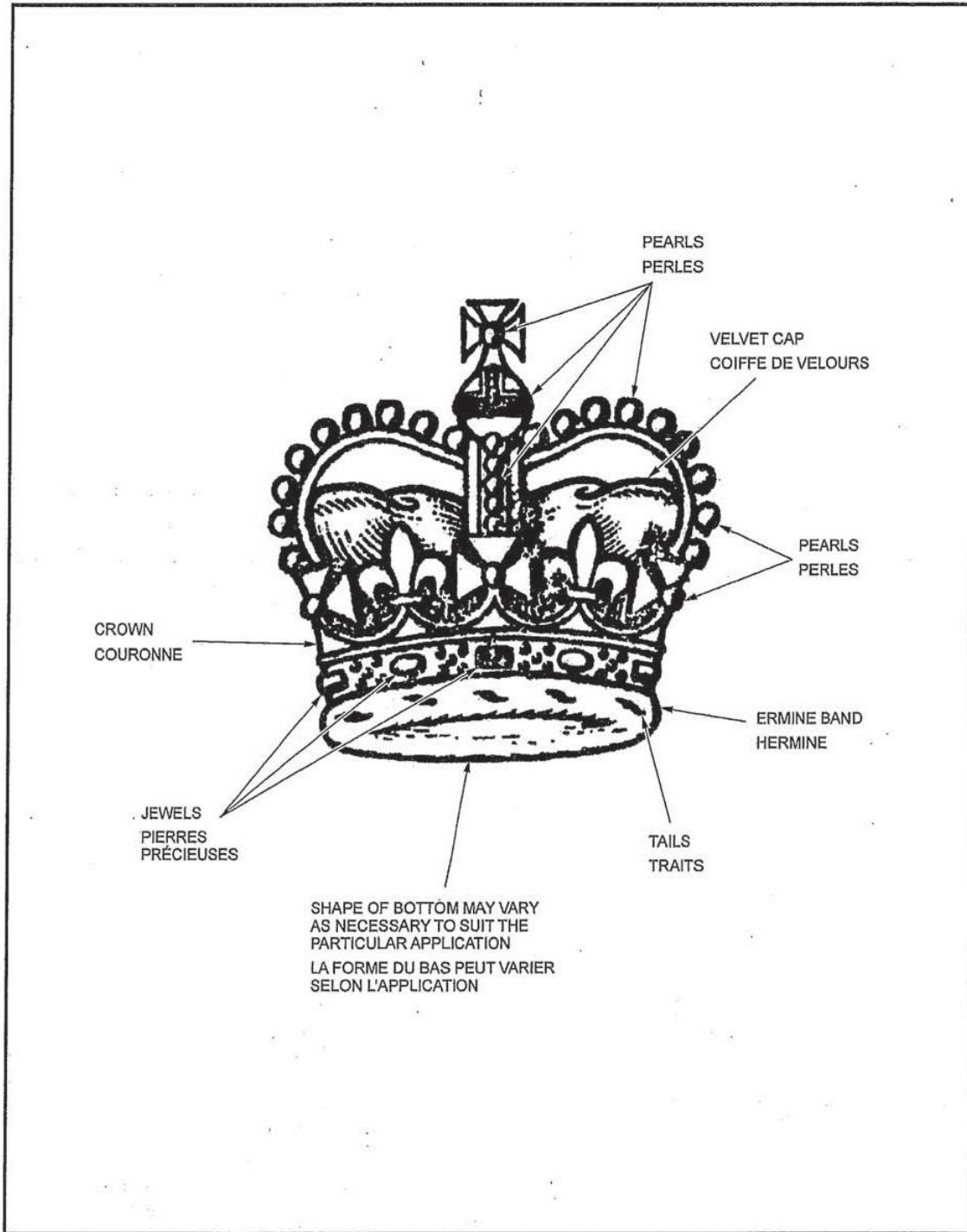


Figure 1: Crown Embroidered

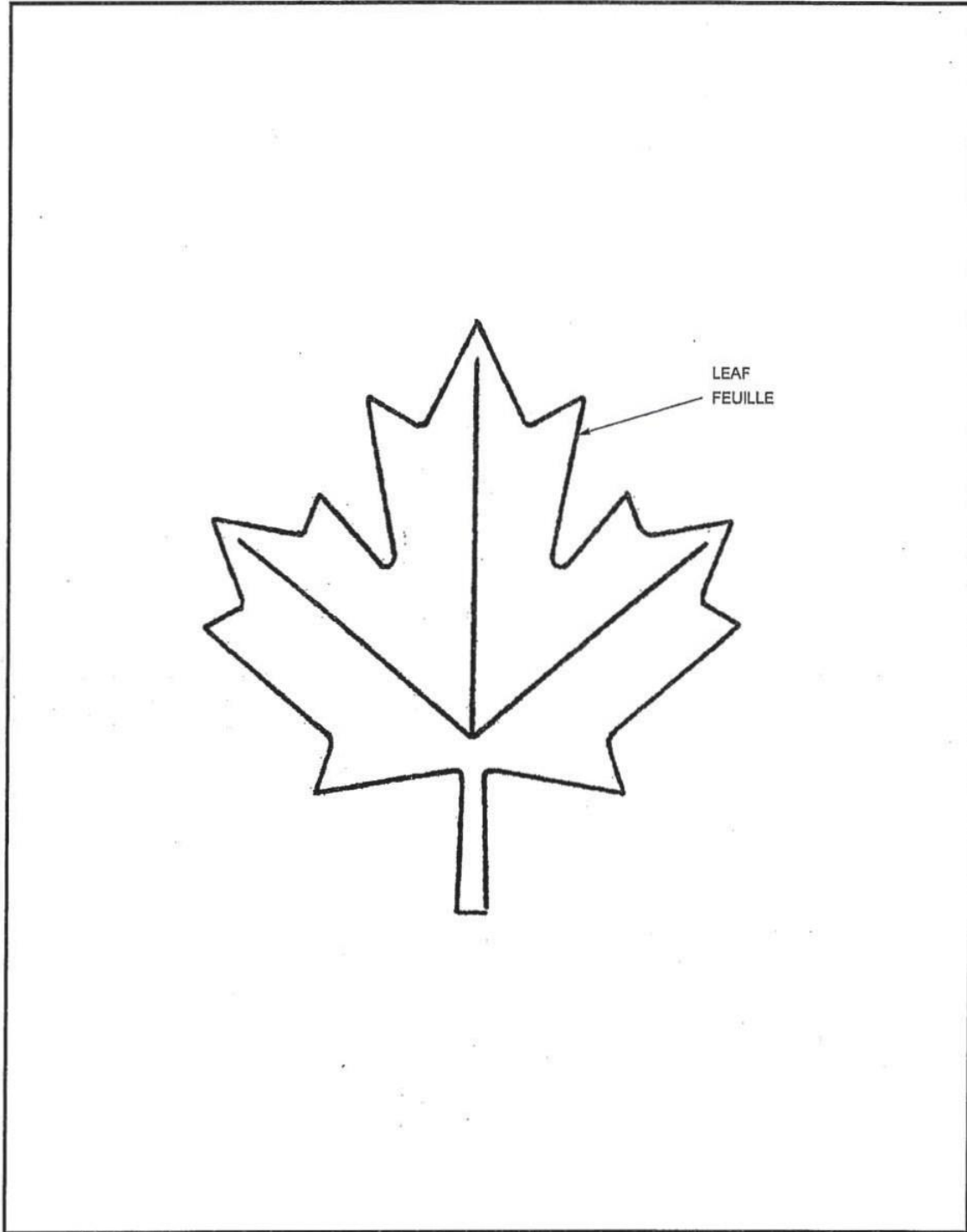


Figure 2: Maple Leaf, Embroidered



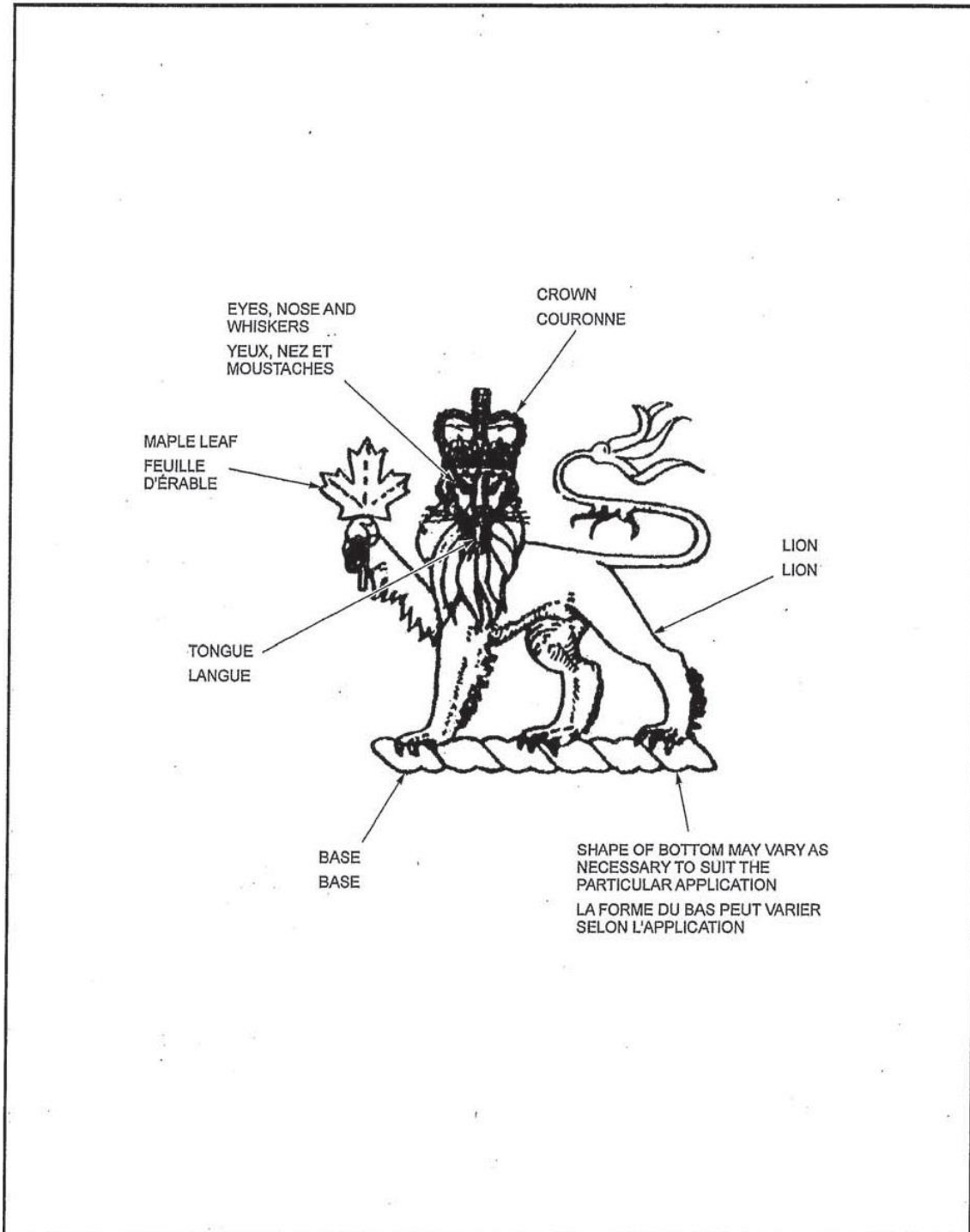


Figure 3: Lion, Passant-guardant, Embroidered

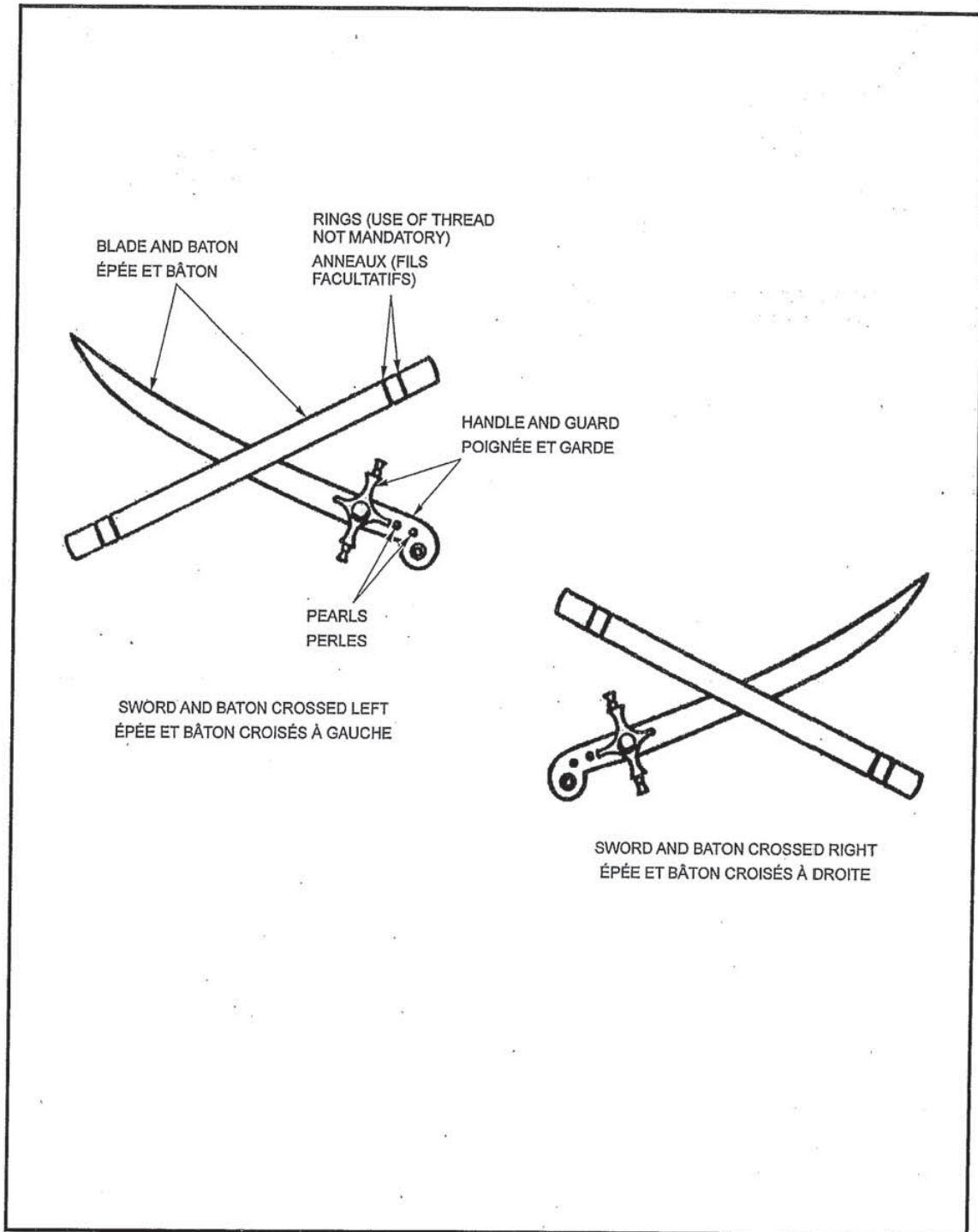


Figure 4: Sword and Baton Crossed, Left and Right Embroidered

## ANNEX "I"

### SPECIFICATION FOR CLOTH, RIPSTOP, 50/50 NYLON COTTON

#### 1.1 Scope

This specification covers the technical requirements for cloth, ripstop, 50/50 nylon cotton blend with the MULTICAM® camouflage pattern.

***Note: It is known that the 50/50 NYCO RIPSTOP material (Item# L002212MCP) distributed by 1947 LLC (www.1947llc.com) fully meets the requirements within this specification.***

#### 1.2 Applicable Documents

The following documents form part of this specification to the extent specified, and are supportive of this specification when referenced; all other document references are to be considered supplemental information only. In the event of a conflict between the documents referenced and the contents of this specification, then the contents of this specification must take precedence:

CAN/CGSB Standards (email: [ncr.cgsb-ongc@pwgsc.gc.ca](mailto:ncr.cgsb-ongc@pwgsc.gc.ca))

- CAN/CGSB-4.2-M Textile Test Methods

FED Standards (Download Documents: <http://assist.daps.dla.mil/quicksearch/>)

- FED-STD-191A Federal Standard for Textile Test Methods
- Commercial Item Description - A-A-50199 - Thread, Polyester-Core, Cotton- or Polyester-Covered

American Association of Textile Chemists and Colorists Standards ([www.aatcc.org](http://www.aatcc.org))

- AATCC Test Method 8 Colorfastness to Crocking: AATCC Crockmeter Method
- AATCC Test Method 15 Colorfastness to Perspiration
- AATCC Test Method 16 Colourfastness to Light
- AATCC Test Method 20A Fiber Analysis: Quantitative
- AATCC Test Method 61 Colorfastness to Laundering: Accelerated
- AATCC Test Method 81 pH of the Water-Extract from Wet Processed Textiles
- AATCC Test Method 96 Dimensional Changes in Commercial Laundering of Woven and Knitted Fabrics Except Wool
- AATCC Test Method 116 Colorfastness to Crocking: Rotary Vertical Crockmeter Method

American Society for the Testing of Materials ([www.astm.org](http://www.astm.org))

- ASTM D 629 Standard Test Methods for Quantitative Analysis of Textiles
- ASTM D 737 Standard Test Method for Air Permeability of Textile Fabrics
- ASTM D 1424 Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf) Apparatus
- ASTM D 1683 Standard Test Method for Failure in Sewn Seams of Woven Apparel Fabrics
- ASTM D 3775 Standard Test Method for Warp (End) and Filling (Pick) Count of Woven Fabrics
- ASTM D 3776 Standard Test Method for Mass per Unit Area (Weight) of Fabric
- ASTM D 5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

## 2.0 REQUIREMENTS

### 2.1 Fabric

The weave must be a plain weave with reinforcement ribs in both the warp and filling directions forming a uniform pattern. The ribs must be formed by having every twenty- fourth warp end contain two ends weaving as one and every thirteenth filling contain two picks weaving as one. When tested in accordance with the specified test methods, the finished fabric must comply with the performance requirements of Table 6. The finished fabric must be free from oil stains and spots of any kind, all residue of any processing textile chemical auxiliaries must be removed.

### 2.2 Workmanship

The material covered by the Specification must be free of imperfections or blemishes such as may adversely affect its appearance or serviceability. For inspection purposes, imperfections and blemishes will be considered defects when clearly visible at a normal inspection distance of approximately 1 meter (3.3 ft) under good, preferably North light, lighting conditions.

### 2.3 Yarns and Fibre Content

Yarns in both warp and weft must be made from a blend of 50 ( $\pm 5$ ) percent nylon with the remaining percentage cotton based on the dry weight of the desized cloth. The warp yarn must be 2-ply and the filling yarn must be 2-ply or singles. The cotton must be carded and combed. The nylon must be first quality, high tenacity, semi-dull staple having a nominal cut length of 3.8 cm (1.5 in) and a round cross-section with a nominal denier of 1.6 to 1.8. No form of nylon waste must be used, such as undrawn fiber, mixtures of deniers, lusters or cross sections, and waste from any stage of fiber production: whether drawn, un-drawn, or mixed or garneted fiber.

### 2.4 Dyeing and Printing

The cloth(s) must be dyed to a ground shade either matching or approximating Cream 524 and then overprinted with the MULTICAM® camouflage pattern by roller or screen printing in a manner that gives the required degree of colour fastness and a uniform, good penetration of colour in the fibres and fabric as follows:

When the ground shade is dyed to match Cream 524, the remaining colors are obtained by subsequent printing using six rollers or screens, as appropriate for the Tan 525, Pale Green 526, Olive 527, Dark Green 528, Brown 529 and Dark Brown 530 areas of the pattern;

When the ground shade is dyed to approximate Cream 524 all seven colors of the camouflage pattern are obtained by subsequent printing using seven rollers or screens to match all seven colors; and

Resin bonded pigments are not be used.

### 2.5 Finish

No finish will be applied to obtain fabric stability. The cloth must be dyed and printed with the warp effect side as the face. The cloth must be desized, scoured, dyed, and printed.

### Seam Efficiency

The fabric must be tested for seam efficiency according to Federal Test Methods Standard 191A Method 51 or ASTM D 1683; however, Table I default seam specification from ASTM D 1683 must not be used. The thread used must be A-A-50199, Type II, polyester core, polyester covered, Tex size 61-70, 2 ply for both the needle and looper. Needle size metric 110 (0.044 in), chrome, medium ball with stitch type 401 per ASTM D 6183 at 12 stitches per inch (2.5 cm) inch must be used for both the warp and weft directions.

### Spectral Reflectance

Spectral reflectance data must be obtained from 600 to 860 nanometers (nm) at 20 nm intervals on a spectrophotometer relative to the barium sulfate standard, the preferred white standard. Other white reference materials may be used provided they are calibrated to absolute white, e.g. magnesium oxide or vitrolite tiles. The spectral band width must be less than 26 nm at 860 nm. Reflectance measurements must be made by either the monochromatic or polychromatic mode of operation. When the polychromatic mode of operation is used, the spectrophotometer must operate with the specimen diffusely illuminated with the full emission of a continuous source that simulates either CIE Source A or CIE Source D65. Measurements must be taken on a minimum of two (2) different areas and the data averaged. The measured areas should be at least 15 cm (6 in) away from the selvage. The cloth must be measured as a single layer backed with four layers of the same shade. The specimen must be viewed at an angle no greater than 10 degrees from normal, with the specular component included. Specimens must be oriented in different directions during testing. When possible, the specimens tested must not contain the same warp or filling yarns when presented to the sample port. Photometric accuracy of the spectrophotometer must be within 1 percent and wavelength accuracy within 2 nanometers. The diameter for standard aperture size used in the color measurement device must be 9.4869 mm (0.3725 in) or larger. Any color having spectral reflectance values falling outside the limits at four or more of the wavelengths specified must be considered a test failure.

Wavelength, Nanometers (nm)	Cream 524 and Tan 525		Pale Green 526, Olive 527 and Brown 529		Dark Green 528 and Dark Brown 530	
	Min.	Max.	Min.	Max.	Min.	Max.
600	22	44	12	30	3	11
620	24	45	12	30	3	11
640	24	45	12	32	4	12
660	25	45	12	32	4	12
680	28	45	14	34	4	13
700	28	46	14	34	6	16
720	30	48	16	36	6	20
740	32	50	18	36	10	25
760	36	50	20	40	14	30
780	38	52	22	40	18	35
800	40	54	22	42	22	40
820	44	56	24	44	24	42
840	46	57	26	44	27	43
860	48	58	28	46	29	45

Table 6: Finished Cloth

Property	Test Method	Specified Requirement	Minimum Acceptable	Maximum Acceptable
Fibre Content	CAN/CGSB-4.2 Test 14.3 or AATCC-20A or ASTM D 629	50% Cotton 50% Nylon	45% Cotton 45% Nylon	55% Cotton 55% Nylon
Mass (g/m <sup>2</sup> )	CAN/CGSB-4.2 Test 5.1 or ASTM D 3776 Option C	220	203	237
Woven Count (yarn/cm)	CAN/CGSB-4.2 Test 6 or ASTM D 3775	Warp: 41 Weft: 21	Warp: 40 Weft: 20	
Breaking Strength (N)	CAN/CGSB-4.2 Test 9.1 or ASTM D 5034	Warp: 890 Weft: 400	Warp: 800 Weft: 350	
Tearing Strength (N)	CAN/CGSB-4.2 Test 12.1 or ASTM D 1424	Warp: 32 Weft: 23	Warp: 30 Weft: 21	
Colourfastness to Light (after 40 AATCC Fading Units)	AATCC Test Method 16 Option 1 or 3	All colours: 4	Dk. Green 528: 3-4 Brown 529: 3-4 Dark Brown 530: 3-4 Cream 524: 3 Tan 525: 3 Pale Green 526: 3 Olive 527: 3	
Colourfastness to Crocking (all colours)	AATCC 8 or AATCC 116	Colour Change (Dry): 5 Colour Change (Wet): 5		Colour Change (Dry): 3-4 Colour Change (Wet): 3
Colourfastness to Laundering - 4 Cycles (each colour)	CAN/CGSB-4.2 Test 19.1 or AATCC 61 Test Method 3A	Colour Change: 5 Staining: 5		Colour Change: 3-4 Staining: 3-4

Property	Test Method	Specified Requirement	Minimum Acceptable	Maximum Acceptable
Colourfastness to Perspiration (each colour)	CAN/CGSB-4.2 Test 23 or AATCC 15	Colour Change: 5 Staining: 5		Colour Change: 3-4 Staining: 3-4
Dimensional Stability (lot average) (not to be pressed prior to measurement)	CAN/CGSB-4.2 Test 58 (III.E3) (after 3 cycles) or AATCC 96 (after 5 cycles)			Warp: 3.0% Weft: 3.0%
Air permeability (cm <sup>3</sup> /cm <sup>2</sup> /s)	CAN/CGSB-4.2 Test 36 or ASTM D 737		4	
pH	FED-STD-191 Method 2811 or AATCC 81		5	8.5
Seam Efficiency	FED-STD-191 Method 5110 or ASTM D 1683		Warp: 75% Weft: 80%	

## ANNEX "J"

### PROPOSAL REQUIREMENTS AND EVALUATION PLAN

#### 1.0 GENERAL

##### 1.1 Purpose

This document outlines the proposal requirements and the evaluation process for the MULTICAM® badges and insignia. Offerors will be assessed in accordance with the instructions and criteria as detailed within this document.

#### 2.0 PRE-AWARD SAMPLES

The Offeror must provide the following pre-award samples with the Offer:

Pre-Award Sample	NSN	Quantity
Item B3 from Annex "B"	8455-20-010-7740	1 each
Item B6 from Annex "B"	8455-20-010-7743	1 each
Item B12 from Annex "B"	8455-20-010-7749	1 each
Item C1 from Annex "C"	8455-20-010-7766	1 each
Item C3 from Annex "C"	8455-20-010-7768	1 each
Item D1 from Annex "D"	8455-20-010-7775	1 each
Item D4 from Annex "D"	8455-20-010-7778	1 each
Item E1 from Annex "E"	8455-20-010-7781	1 each
Item E6 from Annex "E"	8455-20-010-7786	1 each
Item G1 from Annex "G"	8455-20-010-7787	1 each
Item G4 from Annex "G"	8455-D0-010-2363	1 each

Pre-Award Sample	Name	Element Emblem	NSN	Quantity
Item F1 from Annex "F"	"PROTOTYPE"	V-42 Dagger	8455-20-010-7788	1 each
Item F1 from Annex "F"	"O'BRIEN"	Eagle	8455-20-010-7788	1 each
Item F1 from Annex "F"	"HEARTZ-KARDYNAL"	Anchor	8455-20-010-7788	1 each

The sample must be manufactured in accordance with the technical requirements detailed in the technical supplements at Annexes B, C, D, E, F and G, the technical specifications at Annexes H and I, and the sealed samples. The specifications and technical supplements take precedence over the sealed samples, unless stated otherwise in the technical supplements. The samples must fully represent the proposed finished badges and insignia and be constructed of the same materiel to be utilized in the final product including use of the MULTICAM® color scheme. All samples will remain the property of Canada.

The Offeror must deliver the required pre-award samples at no charge to Canada and must ensure that they are received with the offer at time and place of offer closing. Failure to submit the required pre-award samples, or rejection of the pre-award samples, will result in the offer being declared non-responsive.

Note that the requirement for pre-award samples will not preclude the successful Offeror from submitting samples as required by the standing offer terms or from strictly adhering to the technical requirement of this solicitation and any resultant standing offer.

#### 3.0 EVALUATION

##### 3.1 Technical Evaluation

An evaluation team composed of representatives of Canada, which may include Contractors, will evaluate the offers. The pre-award samples will be evaluated for quality of workmanship and conformance to specified materials and measurements as follows:

- (a) Match to Sealed Samples - Suitable colour match for thread and hook tape are to be close visual match to the requirements stated in the respective specifications, technical supplements and/or sealed patterns; and
- (b) Quality Assessment - The pre-award samples must be free of imperfections or blemishes that may adversely affect its appearance, quality, serviceability and functionality. For inspection purposes, imperfections and blemishes must be considered defects when clearly visible at a normal inspection distance of approximately 1 m (3.3 ft) under day light conditions. Good commercial standard practices must apply throughout, with the following being considered poor commercial standard practice:
  - i. Any hole, cut, tear, mend, drop stitch, raised seam, loose knit, miss knit, streak, knitted-in-waste, permanent fold, pleat or crease;
  - ii. Any spot or stain, discoloration or colour not as specified; and
  - iii. Any shaded part or any objectionable odor.



Samples that do not match the sealed samples, are not manufactured to good commercial standard practices, or have imperfection or blemishes that may adversely affect its appearance, quality, serviceability and functionality, will be deemed non-compliant and given no further consideration.

**ANNEX "K"**

**BASIS OF PAYMENT**

(Offeror to include pricing for all items for all years with their financial offer)

Annex Ref.	Item	NSN	Description	Firm Unit Price						
				Unit Of Measure	Year One (1)	Year Two (2)	Year Three (3)	Option Year One (1)	Option Year Two (2)	Option Year Three (3)
ANNEX B										
B1	Common Rank Patches	8455-20-010-7738	Insignia, Rank, Officer; General/Admiral, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (4 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
B2	Common Rank Patches	8455-20-010-7739	Insignia, Rank, Officer; Lieutenant General/Vice-Admiral, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (3 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
B3	Common Rank Patches	8455-20-010-7740	Insignia, Rank, Officer; Major General/Rear-Admiral, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Maple Leafs, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
B4	Common Rank Patches	8455-20-010-7741	Insignia, Rank, Officer; Brigadier General/Commodore, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 Maple Leaf, Sword & Baton); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____

B5	Common Rank Patches	8455-20-010-7742	Insignia, Rank, NCM; Canadian Forces CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Canadian Coat of Arms Surrounded By Maple Leafs); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B6	Common Rank Patches	8455-20-010-7743	Insignia, Rank, NCM; Sgt Major CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Canadian Coat of Arms with Laurel Leaves Underneath); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B7	Common Rank Patches	8455-20-010-7744	Insignia, Rank, NCM; Senior Appointment CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Canadian Coat of Arms with CF Crest Below); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B8	Common Rank Patches	8455-20-010-7745	Insignia, Rank, NCM; CWO/CPO1, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Canadian Coat of Arms); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B9	Common Rank Patches	8455-20-010-7746	Insignia, Rank, NCM; MWO/CPO2, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Large Crown surrounded by Laurel Leaves); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B10	Common Rank Patches	8455-20-010-7747	Insignia, Rank, NCM; WO/PO1, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Large Crown); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B11	Common Rank Patches	8455-20-010-7748	Insignia, Rank, NCM; SGT/PO2, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (3 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

B12	Common Rank Patches	8455-20-010-7749	Insignia, Rank, NCM; MCPL/MS, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Chevrons, Maple Leaf) "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B13	Common Rank Patches	8455-20-010-7750	Insignia, Rank, NCM; CPL/LS, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Chevrons) "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B14	Common Rank Patches	8455-20-010-7751	Insignia, Rank, NCM; PVT/AB, Level 4, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 Chevron "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
B15	Common Rank Patches	8455-20-010-7752	Insignia, Rank, NCM; Aviator-Trained, CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Propeller) "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
<b>ANNEX C</b>										
C1	Army Rank Patches	8455-20-010-7766	Insignia, Rank, Officer; Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Crown & 2 Stars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
C2	Army Rank Patches	8455-20-010-7767	Insignia, Rank, Officer; Lieutenant Colonel (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Crown & 1 Stars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
C3	Army Rank Patches	8455-20-010-7768	Insignia, Rank, Officer; Major (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (Crown); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

C4	Army Rank Patches	8455-20-010-7769	Insignia, Rank, Officer; Captain (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (3 Stars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
C5	Army Rank Patches	8455-20-010-7770	Insignia, Rank, Officer; Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Stars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
C6	Army Rank Patches	8455-20-010-7771	Insignia, Rank, Officer; 2nd Lieutenant (Army), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 Star); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
<b>ANNEX D</b>										
D1	Air Force Rank Patches	8455-20-010-7775	Insignia, Rank, Officer; Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (4 Bars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
D2	Air Force Rank Patches	8455-20-010-7776	Insignia, Rank, Officer; Lieutenant-Colonel (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (3 Bars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
D3	Air Force Rank Patches	8455-20-010-7777	Insignia, Rank, Officer; Major (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 1/2 Bars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
D4	Air Force Rank Patches	8455-20-010-7778	Insignia, Rank, Officer; Captain (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Bars); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

D5	Air Force Rank Patches	8455-20-010-7779	Insignia, Rank, Officer; Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 1/2 Bar); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
D6	Air Force Rank Patches	8455-20-010-7780	Insignia, Rank, Officer; 2nd Lieutenant (Air Force), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 Bar); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
<b>ANNEX E</b>										
E1	Navy Rank Patches	8455-20-010-7781	Insignia, Rank, Officer; Captain (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (4 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
E2	Navy Rank Patches	8455-20-010-7782	Insignia, Rank, Officer; Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (3 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
E3	Navy Rank Patches	8455-20-010-7783	Insignia, Rank, Officer; Lieutenant-Commander (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
E4	Navy Rank Patches	8455-20-010-7784	Insignia, Rank, Officer; Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
E5	Navy Rank Patches	8455-20-010-7785	Insignia, Rank, Officer; Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 1/2 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

E6	Navy Rank Patches	8455-20-010-8486	Insignia, Rank, Officer; Acting Sub-Lieutenant (Navy), CANSOFCOM; Black Embroidered on MULTICAM Background; Patch Style; (1 Bars with Executive Curl); "CANADA"; Black embroidered border; Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
ANNEX F										
F1	Name Tapes	8455-20-010-7788	Badge, Identification, Name Tape, CANSOFCOM; Black Embroidered on MULTICAM; Black embroidered border; Element Emblem (V-42 Dagger, Eagle or Anchor); Hook Back; Set	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
ANNEX G										
G1	Special Insignia Patch	8455-20-010-7787	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G2	Special Insignia Patch	8455-20-011-7676	Insignia, Shoulder; CANSOFCOM; Canada, National Flag (Black & Brown); Black embroidered border; Hook Back, Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G3	Special Insignia Patch	D0-010-2362	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & Tan); Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G4	Special Insignia Patch	D0-010-2363	Insignia, IFF Patch, IR; Shoulder, CANSOFCOM, Canada National Flag (Black IR Reflective & MULTICAM); Hook Back; Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G5	Special Insignia Patch	TBD	Insignia, Shoulder; Spearhead; CANSOFCOM; black embroidery on black polyester twill; Black embroidered border; Hook Back, Each	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G6	Special Insignia Patch	D0-0102568	Badge, Qualification, Pilot, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G7	Special Insignia Patch	D0-0102569	Badge, Qualification, Flight Crew, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

G8	Special Insignia Patch	D0-0102570	Badge, Qualification, Flight Engineer, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G9	Special Insignia Patch	D0-0102571	Badge, Qualification, Tactical Aviation Door Gunner, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G10	Special Insignia Patch	D0-0102572	Badge, Qualification, Airborne Electronic Sensor Operator, CANSOFCOM, Operations, Black Embroidery on MULTICAM Background, Size 4 x 2, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G11	Special Insignia Patch	D0-0102573	Insignia, Shoulder Sleeve, CANSOFCOM, Griffon Canada, Black Embroidery on MULTICAM Background, Size 3.25 diameter, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G12	Special Insignia Patch	D0-0102574	Insignia, Shoulder Sleeve, CANSOFCOM, First Aid, "TCCC", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G13	Special Insignia Patch	D0-0102575	Insignia, Shoulder Sleeve, CANSOFCOM, "SENTINEL", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G14	Special Insignia Patch	D0-0102576	Insignia, Shoulder Sleeve, CANSOFCOM, "PADRE", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G15	Special Insignia Patch	D0-0102578	Insignia, Shoulder Sleeve, CANSOFCOM, "SOMT", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G16	Special Insignia Patch	D0-0102580	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "SOMT", IR SOMT on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
G17	Special Insignia Patch	D0-0102581	Insignia, Shoulder Sleeve, CANSOFCOM, "MP", Black Embroidery on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____



---

G18	Special Insignia Patch	D0-0102582	Insignia, IFF Shoulder Sleeve, IR, CANSOFCOM, "MP", IR MP on MULTICAM Background, Size 2 x 3.5, Hook Back	Each	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
-----	------------------------------	------------	---	------	---------	---------	---------	---------	---------	---------

**ANNEX “L” to PART 3 OF THE REQUEST FOR STANDING OFFERS**

**ELECTRONIC PAYMENT INSTRUMENTS**

As indicated in Part 3, clause 3.1.1, the Offeror must complete the information requested below to identify which electronic payment instruments are accepted for the payment of invoices.

The Offeror accepts to be paid by any of the following Electronic Payment Instrument(s):

- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);

