



CHICAGO POLICE DEPARTMENT UNIFORM & EQUIPMENT SPECIFICATIONS RESEARCH AND DEVELOPMENT DIVISION		DATE OF ISSUE/REVISION October 1999	SPECIFICATION NO.9161.1801
		ITEM	Rainwear
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ITEM: RAINCOAT, MALE/FEMALE - PRESCRIBED

Prescribed rainwear obtained as required or as a replacement after the issue date of this specification shall comply fully with the construction specification detailed herein, and be manufactured by an approved manufacturer listed under this specification number with an alpha designator (e.g., 9161.1801A).

GENERAL DESIGN: The raincoat shall be waterproof by design in a fully cut raglan shoulder design reversible to high visibility yellow with reflective trim. There shall be a shirt-style collar, two slash through openings with hook and loop secured welts flaps, epaulets, snap front with inner and outer storm flies, badge tabs on both sides and hook and loop cuff and neck closures.

Color: Police Blue reversible to Fluorescent Yellow.

MATERIALS: The shell fabric shall be a waterproof breathable product. Two methods are currently approved to achieve this result.

1. Polyester/Gore-tex/polyester tricot, utilizing licensed Gore-tex laminate. Seam tape shall be 3-layer Gore-Seam tape 0.875 (3/4 inch) wide, compatible with the Gore-tex membrane. The garment shall be dry cleanable, and washable waterproof.
2. Burlington Industries, Xalt fabric: tricot utilizing Burlington's Xalt film technology sandwiched between polyester layers treated with Durepel. Seam tape shall be 3 ply 7/8 inch wide, compatible with Xalt fabric as manufactured by Adhesive Films, Incorporated. The garment shall be dry cleanable, and washable waterproof.
3. All seams in the shell shall be waterproof taped. The tape shall be applied by hot air methods. The tape shall not be affected by weather, temperature or storage. The taped seams shall be tested for waterproofing in accordance with Federal Test Std. #191, Method #5514. There shall be no appearance of water in the test area at 3 PSI for a period of 3 minutes.
4. Reflective trim shall be 3M Scotchlite #8730, 1 1/2 inch reflective tape heat bonded to the high visibility side of the coat. A stripe shall be around each cuff and placed horizontally around the jacket below the armhole.

SPECIFIC CONSTRUCTION:

SNAPS: Snaps shall be non-rusting, 24 ligne, gunmetal finish on brass, heavy duty closure, black nylon cap.

HOOK AND LOOP: The hook and loop fastener tape shall meet specification MIL-F-21840.

Color: Black

THREAD: Thread for single-needle lockstitch and double-needle seams shall be sized #50 polyester wrapped polyester core, vat dyed. Thread color shall match the fabric color when thread is visible.

SLEEVES: The sleeves shall be 1 piece raglan type design. The finished sleeve hem shall measure 3/4" wide. There shall be a tab constructed of two layers of shell fabric set into the underarm seam at the cuff measuring 2" wide at the underarm seam and 1 1/2" wide at the end and extending 2 3/4" out from the seam. There shall be a strip of hook and loop fastener measuring 2" long by 1" wide sewn to the underside of the tab. There shall be loop fastener measuring 1" by 6" long sewn to the end of the sleeve to mate with the hook fastener on the tab to provide adjustable cuff closure. There shall be a male snap set through the cuff hem set 2" from the underarm seam and a female snap set through the cuff closure on the high visibility side. The black caps of the snaps will be on the dark side of the coat.

COLLAR: The permanent collar shall be made of two plies of the shell fabric. The collar points shall be well shaped and symmetrical. The points shall measure 3 1/2" wide, the center width shall be 4". There shall be a tab constructed to two plies of shell fabric measuring 3" long and 1" wide sewn into the front edge of the collar at the neck seam with hook fastener measuring 3/4" by 2" sewn so that 1" of hook is exposed on each side at the end of the tab. There shall be loop fastener measuring 3/4" by 1" sewn to the under collar (on the dark side of the coat) to secure the tab when not in use. There shall be loop fastener measuring 1/4" by 2" sewn to both the top collar and under collar to provide adjustable neck closure when the coat is worn on either side.

EPAULETS: The epaulets shall be made from 2 plies of shell fabric of the coat, on the dark side, and shall be 1 1/4" in width. The point of the epaulet shall finish at the collar joining seam of the coat, fastened with a 1" by 1" hook and loop tape and seam sealed behind. Epaulets will be top stitched down to the shell of the jacket at the shoulder and seam sealed behind.

SIDE OPENINGS: There shall be two slash through side openings measuring 11 1/2" long set in the side seams for access to equipment, weapons, trouser pockets. These shall be covered with storm welts on the dark side measuring 1 1/2" wide by 12" long with a strip of hook and loop tape 3/4" by 4" centered under the flap.

FRONTS: The fronts shall have six snap fasteners for closure. The top snap shall be 1 1/4" from the top of the storm flap, the other snaps shall be placed 6 1/2" apart. The right front shall have double male snap studs and will be sandwiched between the inner and outer storm flies, which shall have female snaps with caps. Storm flies will measure 2 1/2" wide. The fronts shall be edge stitched 1/4" gauge with a 1 1/4" strip of the specified interlining cut on the bias running down the full length of the fronts of both sides.

SEAM STITCHING: Shoulder, underarm, and side seams shall be 0.1875 inch gauge, double needle chain stitch, lap seam felled construction or equally durable fastening construction. All other seams shall be single needle construction. All seams shall be 8 stitches per inch minimum to 12 stitches per inch maximum. Seams shall be free from puckering, pleats, runoffs, and raw edges.

BADGE TAB:

There shall be a badge tab applied to the left breast of both the dark side and the high visibility side of the coat. The badge tab on the dark side shall be constructed of two plies of the shell fabric measuring 0.875" wide by 2½" high with two eyelets spaced 1.375" center to center. The badge tab on the high visibility side shall be constructed on 3 plies of the specified seam tape stitched together and then heat applied to the shell fabric measuring 0.875" by 3" with two eyelets spaced 1.375" center to center penetrating the top two layers of tape only.

SIZE RANGE:

The size range shall be unisex:

Short: XS-L
Regular: S-3XL
Long: M-3XL

MEASUREMENTS:

Size:	XS	S	M	L	XL	2XL	3XL
Chest:	41	45	49	53	57	61	65
Sweep:	47	51	55	59	63	67	71
Back Length Size M:	Reg = 47						
	Long = 49						
Sleeve Inseam Size M:	Reg = 20						
	Long = 21 (+ or - 3/4")						

Chest measured at armhole and side seam (+ or - 3/4").
Sweep measured at hem (+ or - 3/4").
Back length measured from neck seam to bottom of hem (+ or - 3/4").

CAP COVER:

Blauer Style No. 9101, shall snugly fit the prescribed Chicago Police Department round crown cap without breaking the crown reversible from Police Blue to Fluorescent Yellow.

MANUFACTURER'S SPECIFICATIONS/LABEL:

The coat shall be permanently labeled with the manufacturer, country of origin and size. The label shall state that this garment is approved for use by Chicago Police Department members. No manufacturer or representative may suggest that a garment is an approved Chicago Police Department prescribed garment without prior inspection of a completed sample and written authorization of the Assistant Deputy Superintendent, Research and Development Division, Chicago Police Department.

AUTHORIZATION:

1. The raincoat and cap cover as specified are prescribed rainwear for all sworn members of the Department. However, members currently using a raincoat and cap cover as specified in Uniform Specification 18.0110 are authorized to use those garments as prescribed items.
2. Any member using a raincoat and cap cover that conforms to Uniform Specification 18.0110, and the rainwear is in need of replacement will be required to replace the coat and cap cover with a coat and cap cover that conforms to this specification.
3. A raincoat and cap cover are prescribed uniform items, however, the use of these items are optional.

4. The raincoat and cap cover are authorized for use during inclement weather only.
5. Shoulder patches, service tenure designators and sergeant chevrons **will not** be sewn on the garment.
6. Members of the rank of lieutenant and above **will** wear their appropriate insignia of rank on both shoulder straps (epaulets).

Authenticated by:

BBM/BKH

Terry G. Hillard
Superintendent of Police



CHICAGO POLICE DEPARTMENT
UNIFORM & EQUIPMENT SPECIFICATIONS
RESEARCH AND DEVELOPMENT DIVISION

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SPECIFICATION NO.9161.1801A

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ITEM: RAINCOAT, MALE/FEMALE - PRESCRIBED

MANUFACTURER: Blauer Manufacturing Company, 20 Aberdeen Street, Boston, MA 02215.

MODEL: 9690-7 (Men's model)

9690-7W (Women's model)

MATERIALS: Polyester/Gore-tex/polyester tricot, utilizing licensed Gore-tex laminate. Seam tape shall be 3-layer Gore-Seam tape 0.875 (3/4 inch) wide, compatible with the Gore-tex membrane. Blauer Style No. 9101 cap cover is included.

Authenticated by:

BBM/gKH

Terry G. Hillard
Superintendent of Police



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ITEM: RAINCOAT, MALE/FEMALE - PRESCRIBED

MANUFACTURER: Gerber Outerwear/Ashley Worldwide, 202 Lincolnway East, Mishiwaka, IN 46544.

MODEL: CPD Survival Raincoat

MATERIALS: Burlington Industries, Xalt fabric: tricot utilizing Burlington's Xalt film technology sandwiched between polyester layers treated with Durepel. Seam tape shall be 3 ply 7/8 inch wide, compatible with Xalt fabric as manufactured by Adhesive Films, Incorporated.

Authenticated by:

BBM/gxH

Terry G. Hillard
Superintendent of Police