



Rescinded on 02 June 10 and replaced by Uniform and Equipment Specification 9161.1801.

SPECIFICATION NO.
9161.120A

CHICAGO POLICE DEPARTMENT
UNIFORM & EQUIPMENT SPECIFICATIONS
RESEARCH AND DEVELOPMENT DIVISION

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ITEM
Rainwear

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ITEM: RAINCOAT, MALE/FEMALE - PRESCRIBED

Upon the issue date of this specification, the prescribed rainwear for all sworn members shall be the Featherweight Reversible Raincoat with Gore-Tex fabric, Style No. 9690-7, manufactured by the Blauer Manufacturing Company Incorporated.

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 closure.

This garment shall be manufactured entirely in the United States of America.

Color: Police Blue reversible to Florescent Yellow

SHELL FABRIC: Cloth Type: Gore-Tex 3 layer laminate US101 polyester/Gore-Tex/polyester tricot.

INTERLINING:

Cloth Type:	100% cotton osnaburg
Count:	Warp:32 Filling: 26
Weight:	3.55 oz. Per square yard
Break Strength (lbs):	Warp: 60 (min) Filling: 35 (min)
Shrinkage:	Warp: 3% (max) Filling: 3% (max)
Color:	Natural

SEAM TAPE: Seam tape shall be 3-layer Gore-Seam tape 0.875" wide compatible with the Gore-Tex membrane.

Color: Florescent Yellow

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 fastner tape shall meet specification MIL-F-21840.

Color: Black

THREAD: Thread for single-needle lockstitch and double-needle seams shall be size #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 hem set on the other side of the underarm seam for 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 of 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 and shall be 1 7/8" 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, or 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. 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.

WATERPROOFING: 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.

REFLECTIVE TRIM: 3M Scotchlite #8730 1 1/2" silver reflective tape shall be heat applied to the high visibility side of the coat. There shall be a stripe around each cuff and a stripe around the front and back below the armhole.

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 2 1/2" 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 .0875" 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:

<u>Size:</u>	XS	S	M	L	XL	2XL	3XL
<u>Chest:</u>	41	45	49	53	57	61	65
<u>Sweep:</u>	47	51	55	59	63	67	71
<u>Back Length Size M:</u>	Reg = 47 Long = 49						
<u>Sleeve Inseam Size M:</u>	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 Florescent Yellow.

SHELL FABRIC: Gore-Tex 3 layer laminate US101 polyester/Gore-Tex/ polyester tricot.

The waterproof-breathable shell fabric shall be a 3 layer Gore-Tex US101 membrane laminated to a woven polyester fabric and a polyester tricot knit resulting in a dry-cleanable and washable waterproof material with high moisture vapor transmission.

Color: Police Blue reversible to Florescent 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 Director, 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.

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 this garment.
6. Members of the rank of lieutenant and above will wear their appropriate insignia of rank on both shoulder straps (epaulets).

Authenticated by: *BBMc/af*

Matt L. Rodriguez
Superintendent of Police