



CHICAGO POLICE DEPARTMENT UNIFORM & EQUIPMENT SPECIFICATIONS RESEARCH AND DEVELOPMENT DIVISION		SPECIFICATION NO. 9161.1801
		ITEM Raincoat, Male/Female - Prescribed
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ITEM: RAINCOAT, MALE/FEMALE – PRESCRIBED

This specification describes prescribed rainwear obtained as required or as a replacement after the issue date of this specification. All rainwear shall comply fully with the construction specification detailed herein and be manufactured by an approved manufacturer.

DESIGN: The raincoat shall be waterproof by design in a fully cut raglan shoulder design reversible to high visibility yellow-green 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 flaps, and hook and loop cuff and neck closures.

Raincoats will be 3rd party certified as ANSI 107-2010 Class III compliant. Vendors will provide written verification of compliance to the Chicago Police Department, and the raincoat will be labeled to indicate ANSI 107-2010 Class III compliance.

COLOR: Black, reversible to ANSI-approved fluorescent yellow-green

MATERIALS: The shell fabric may be a waterproof, breathable three-layer fabric utilizing licensed Gore-tex laminate or a similar product with similar functional capabilities. Seam tape shall be 3-layer tape 0.875 (3/4 inch) wide, compatible with the Gore-tex or a similar product with similar capabilities membrane. The garment will be dry cleanable and washable waterproof.

The shell fabric may be of a waterproof, breathable dual-layer laminate.

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 shall be 3M Scotch-lite #8730 or similar product with similar capabilities, 2 inch reflective tape heat bonded to the high visibility side of the coat. The reflective material will be bordered on both sides by a black nylon border ¼ inch wide.

CONSTRUCTION:

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

HOOK AND LOOP: The hook and loop fastener tape shall meet specification MIL-F- 21840. Hook and loop will be black in color.

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 one piece raglan type design. The finished sleeve hem shall measure ¾ inches wide. There shall be a tab constructed of two layers of shell fabric set into the underarm seam at the cuff measuring 2 inch wide at the underarm seam and 1½ inches wide at the end and extending 2¾ inches out from the seam. There shall be a strip of hook and loop fastener measuring 2 inches

long by 1 inch wide sewn to the underside of the tab. There shall be loop fastener measuring 1 inch by 6 inches 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 inches 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. Alternately, cuff closure may be made using a permanent, sewn into the hem elastic band which effectively closes the open cuff at the wrist, or a combination snap closure and elastic band.

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 $3\frac{1}{2}$ inches wide, the center width shall be 4 inches. There shall be a tab constructed to two plies of shell fabric measuring 3 inches long and 1 inch wide sewn into the front edge of the collar at the neck seam with hook fastener measuring $\frac{3}{4}$ inches by 2 inches sewn so that 1 inch of hook is exposed on each side at the end of the tab. There shall be loop fastener measuring $\frac{3}{4}$ inches by 1 inch 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 $\frac{1}{4}$ inches by 2 inches 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 $1\frac{7}{8}$ inches in width. The point of the epaulet shall finish at the collar joining seam of the coat. 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 $11\frac{1}{2}$ inches long set in the side seams for access to equipment, weapons, and trouser pockets. These shall be covered with storm welts on the dark side measuring $1\frac{1}{2}$ inches wide by 12 inches long with a strip of hook and loop tape $\frac{3}{4}$ inches by 4 inches centered under the flap.

FRONTS:

The fronts shall have six snap fasteners for closure. The top snap shall be $1\frac{1}{4}$ inches from the top of the storm flap, the other snaps shall be placed $6\frac{1}{2}$ inches apart. The right front shall have double male snap studs and will be sandwiched between the inner and outer storm flaps, which shall have female snaps with caps. Storm flaps will measure $2\frac{1}{2}$ inches wide. The fronts shall be edge stitched $\frac{1}{4}$ inch gauge with a $1\frac{1}{4}$ inches 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 will be no attached badge tab. In the location where a badge tab would be affixed will be a Chicago Police Department star insignia. This insignia will measure $3\frac{7}{8}$ inches high by 4 inches wide. It will feature the City of Chicago seal in the center with the words "CHICAGO POLICE" above. The top-most banner will be solid silver, without wording, and the area beneath the seal will not have any numbering. The appliqué will be heat applied to both the dark side and the high visibility yellow-green side of the raincoat. The appliqué will be made from 3M Scotchlite reflective material style# 8725 or similar product with similar capabilities.



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 inches

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

CAP COVER: The cap cover will snugly fit the prescribed Chicago Police Department round crown cap without breaking the crown and be reversible from black to fluorescent yellow-green.

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.
 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:

Jody P. Weis
Superintendent of Police