



CHICAGO POLICE DEPARTMENT
UNIFORM & EQUIPMENT SPECIFICATIONS
RESEARCH AND DEVELOPMENT DIVISION

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SPECIFICATION NO.
9161.201

ITEM
Portable Radio Holder

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ITEM: PORTABLE RADIO HOLDER

MATERIAL: 32 gauge commercial quality cold rolled sheet steel #10081010
Nylon powder RDP-15-10FB.

DESIGN: The portable radio holder shall be constructed of 3 components spot welded together to form one piece. All components shall be die stamped from cold rolled sheet steel and coated with a baked on Nylon finish.

The radio holder shall be manufactured to accommodate the Motorola Sabre 12 and 24 channel radios having overall dimensions of 7" X 2 5/8" X 1 1/4".

Portable radio holders shall be equal to or greater than the Porta-Clip, Model MS (Male) and Model MS w/offset back (Female) Ref. U.S. Patent 3990617) manufactured by Law Enforcement Supply, Inc.

Color: Low Luster, Black

CONSTRUCTION: Upper Band - The upper band shall be formed from a strip of cold rolled sheet steel measuring approximately 6 7/16" long by 1 1/4" wide. Its form configuration shall be rectangular with the end elements abutting at the center back of this band with an approximate inside dimension of 2 15/16" wide by 1 3/16" in depth.

Belt Clip - The belt clip shall be formed from a strip of cold rolled sheet steel measuring approximately 5 5/16" long by 2" wide. The lower inside edge of the belt clip shall be bent to form a radius that will terminate in a 3/16" lip that shall protrude upward from the radii at an angle that will prevent a 1/4" thick equipment belt from slipping off. The opposite end of the belt clip will be formed into a corresponding radii. The inside dimension, taken from the apex of the top radii to the apex of the lower radii, shall measure approximately 2 9/16". The balance of the clip, measuring 1 3/4" from the apex of the top radii, will run parallel to the opposite side of the clip.

Support Band - The support band shall be formed from a strip of cold rolled sheet steel measuring approximately 8 3/4" long by 1" wide. Its form configuration shall be rectangular with each side measuring approximately 4 7/8" and the bottom measuring approximately 3 1/16", the top shall be open.

Assembly: The upper band shall be secured by spot welds. The front of the belt clip shall be centered equal distance on either side to the upper band back. A minimum of 4 spot weld points shall be applied to the back of each upper band abutment in such a manner as to secure the abutment seam and attach the belt clip. The lower edge of the front of the belt clip shall be level with the lower edge of the rear of the upper band.

The open sides of the support band shall be inserted inside the upper band with its ends level with the top side edge of the short ends of the upper band. Each open side of the support band and upper band juncture shall be secured with a minimum of 5 spot welds.

The assembled radio holder shall have an approximate outside dimension, exclusive of the belt clip of 4 13/16" long by 3 1/8" wide by 1 1/4" in depth.

All surfaces of the radio holder shall be free of sharp edges, fully coated with Nylon powder, baked and cured to a smooth, low luster finish.

Manufacturer's Specifications: No manufacturer/supplier may suggest that their product is an approved Chicago Police Department equipment item without prior inspection of a completed sample.

A completed sample will be submitted to the Chicago Police Department, Research and Development Division, Room 401, 1121 S. State Street, Chicago, Illinois 60605 for inspection before a purchase contract will be issued. A sample radio holder is available for viewing at the Research and Development Division.

Authenticated by:

B.B. Mc/JP

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