

TACTICAL PANTS

1. PURPOSE

The following specifications are intended to set the minimum requirements to be met by the tactical pants to be used by the Airmobile group of the Anti-Narcotics Directorate Unit of the Colombian National Police.

2. DEFINITIONS, ABBREVIATIONS AND APPLICATIONS

- **Filling:** Padded Foam

- **Settings:** System developed for comfort and perfect fit to the body; Tactical pants must have both internal and external adjustments to give the user maximum mobility.

- **Fabric:**
 - **TECHNICAL SPECIFICATIONS OF FABRIC TYPE A – For the trousers**
 - Composition:** 100% polyester
 - Width:** 152.00 +/- 2 cm
 - Weight:** (mass / unit area) 252.00 + - 10 g / m²
 - Base:** 2832
 - Fabric:** Ripstop Nylon
 - Color:** Green Apple (As per attached pics)

 - **TECHNICAL SPECIFICATIONS OF FABRIC TYPE B - For the Knee Protection**
 - Composition:** Elastic
 - Fabric:** Ripstop Nylon
 - Color:** Green Apple (As per attached pics)

3. GENERAL REQUIREMENTS

- **Design and manufacture:** These Tactical pants are designed to give maximum mobility, perfect fit, a variety of pockets strategically located to be used tactically during combat, it should have low elastic knees and back panels to give greater flexibility to the garment, it must have a waistband designed for comfort and a padded belt.

- **Front:** The front should be constructed of fabric types A and B, using the fabric type A for most part the pants, including 2 front pockets located on the left and right sides, which have an internal adjustment band system that allows high graduation and the location of the knee protectors. The Elastic fabric type B should be allocated based on the attached picture, allowing the location of removable kneepads on the inside and must have a strong Velcro closure.

- **Sides:** It must have 4 side pockets, 2 located at the top (thighs) and 2 at the bottom (tibia). All pockets should have a Velcro closure with maximum adhesion.

- **Rear:** Must be made in fabrics type A and B. The type B elastic fabric must be located in the back part and below the waistband and on the inside of the lower back it must be designed to prevent friction with the skin and give greater mobility and comfort to the garment. The type A fabric will be used in the most part of the back side of the pants, and at the bottom of the boot it must have a Velcro adjustment system that facilitates the use of combat footwear. The inner part of the lower back must have an elastic coating on the seam to avoid friction with the skin.
- **Waistband:** Must be made of in the main fabric (Type A), with padded foam in the middle parts, seams with pins and belt fixture.

4. DIMENSIONS

- **Sizes:** Each pant should be made based on two measures: waist and length. This will allow further customization of the garment and the wearer.

5. FINISH

- All seams should be smooth and continuous, with enough tension to keep them tight to the material during its use.
- The fabric should not have spots or discoloration, or other noticeable mark noticeable on visual inspection, such as cuts, tears, holes, abrasion marks, burns, etc.

6. SEAMS

All seams should have six (6) to nine (9) stitches per inch. All visible yarn edges of the finished product should be reinforced. Stitch seams must be located at a distance of 2 to 3 mm from the edge of the piece, from which is being sewed.

- **Sewing reinforcement in X:** Must be sewn by double seam reinforcement on all sides in a rectangle and in an "X" form.
- **Clips seams:** seams must have a minimum of 23 stitches, each stitch 2mm wide.