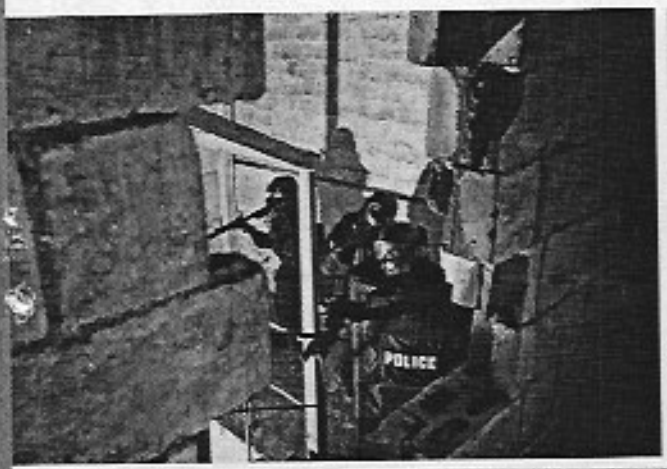
SIOEN BALLISTICS

Ballistic Protection Solutions















GREAT FORCES MERGED TOGETHER

At the beginning of 2017, the group Sioen acquired the important and strong Finnish producer of personal body armour protection, Verseidag Ballistic Protection Oy.
As a result, Sioen NV has integrated Verseidag Ballistic Protection Oy into its existing ballistic department Sioen Armour Technology (S.A.T.) and will continue these activities in one general business unit which is already on the market and acting under the new brand name 'Sioen Ballistics'.

Today, Sioen Ballistics is one strong partner in protective equipment, where experience meets latest innovations, whether in ballistic protective solutions, fabrics used or product design.

www.sioenballistics.com

SAT SIOEN ARMOUR TECHNOLOGY + VERSEIDAG BALLISTIC PROTECTION = SIOEN BALLISTICS

Table of Contents

Sioen Ballistics as a reliable partner	7
Ballistic vests	8
Research & development	65
Soft armour solutions	69
Hard armour solutions	71
Helmets, shields and accessories	72
Slash-/stab resistant garments (Torskin)	78
Vertical integration	80
Quality Management Certifications	82

Sioen Ballistics as a reliable partner

Sioen Ballistics provides you with outstanding lightweight modular armour systems which protect the individual against all kinds of threats (handgun, submachine gun, assault rifle, shotgun, knife, ice pick,...).

Sioen Ballistics is a brand consisting of two well-known strong players on the ballistic market, Sioen Armour Technology (S.A.T.) and Sioen Ballistics Oy, previously known as Verseidag Ballistic Protection. Through this merge and foundation of Sioen Ballistics, the unit becomes a major supplier of products for personal body armour protection thanks to the combination of the experience and the know-how from these two partners. We operate in the broad field of ballistic and stab proof protective products with a focus on both (off-the-shelf) standardized solutions and custom made solutions to meet the most demanding requirements by the end user organisations.

Why choose Sioen Ballistics as your partner?

1. Part of the financially stable group Sioen Industries.
2. High level of warranty, liability and insurance.
3. High-quality and innovative products:
   - Use of raw materials from the most famous high-performance suppliers (DSM, DuPont, Teijin Aramid, Honeywell, Ten Cate,...) ;
   - In-house production with strong contingency capability (production plants worldwide) ;
   - In-house shooting labs utilised for quality control and development on armour solutions in both Belgium and in Finland ;
   - High experience: since 1964 active within P.P.E. (Personal Protective Equipment) and since 1984 in body armour. Cross-functional use of strengths of innovative products within different Sioen brand names.

MYSTIC

1BN2C0MK0

CONCEALABLE VEST

The MYSTIC is a concealable vest intended to be worn under the garments on a simple T-shirt or even on the skin. The use of specific fabrics offers maximum comfort and ease of use. It was designed to fit anatomically male and female body shapes. Thanks to a studied ballistic overlap, the Mystic gives you a 360° wrap around protection. The use of stretchable and breathable fabrics gives us a vest with maximum discretion while maintening great comfort. An elastic belly belt allows a good fitting closer to the body and a good positioning too. A lower skirt fitting into the pants gives high stability and increases the discretion. Ideal product for VIP and undercover missions.

Exterior

- Fixed comfortable shoulders
- 2-way zip closure at 1 side

Interior

- Heat and sweat management by Coolmax® fabric

Colour

- WS0 White



ULS FIT

1BVAC0PE0

COVERT VEST

The ULS FIT covert is designed to be worn covertly under a shirt or suit jacket assuring the wearer a minimal overall visible profile. This high-end concealable carrier has been developed to maximise comfort and cooling using knitted antibacterial Coolmax fresh materials. The cut of this vest is highly adapted to suit VIPs, undercover officers and civilians who need to be as covert as possible while wearing protective armour.

Exterior

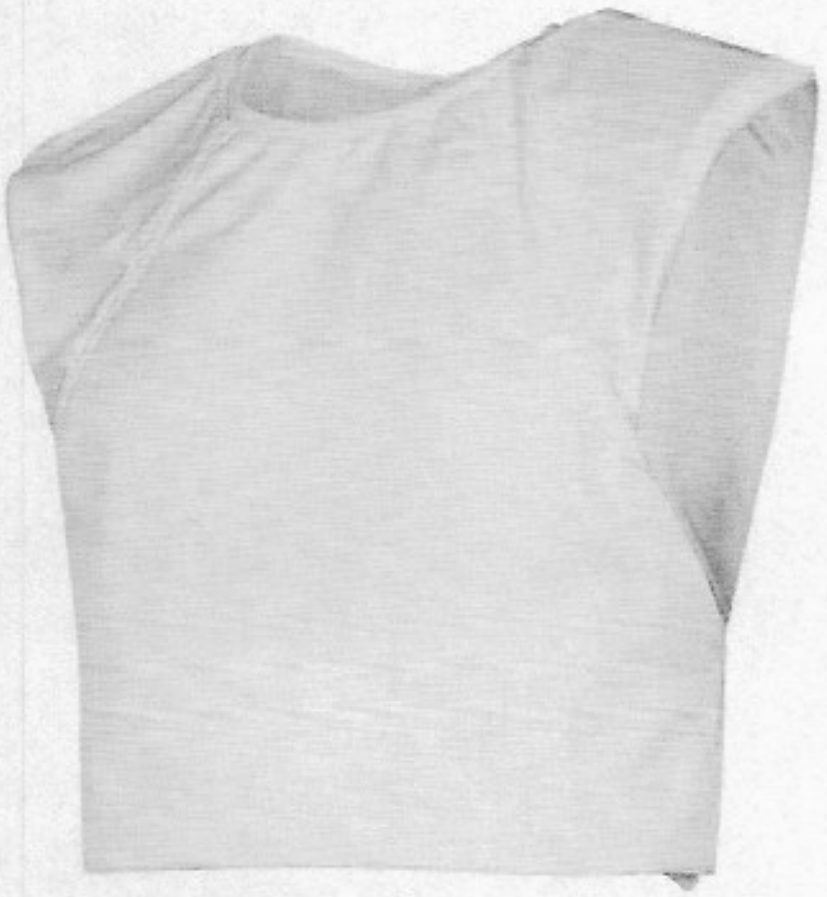
- Fixed comfortable shoulders
- Adjustable side closures with touch and close fastening

Interior

- Heat and sweat management by Coolmax® fabric
- Elastic belly belt

Colour

- WS0 White
- NS0 Black



POLLUX

1B59C0P01

COVERT COMFORT VEST

The POLLUX covert carrier offers maximum comfort and it is designed to be discrete in every situation. It was developed for everyday use in concealed carry. It includes an advanced heat and sweat management system to regulate the body temperature. Knitwear with high elasticity at the shoulders enhances the level of comfort. Due to the flexibility of our product, you can have a great variety of protections within this type of carrier.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening

Interior

- Heat and sweat management by Outlast®
- Reinforcement fabric at inside (in contact with duty belt)

Colour

- NS0 Black
- WS0 White
- BS0 Blue
- ESK Skin colour



FOLLUX

1B61C0P01

COVERT COMFORT FEMALE VEST

The FOLLUX covert carrier offers maximum flexibility. It is anatomically adapted to fit the female shapes. The precupped solution includes a heat and sweat management system for regulating body temperature. It was developed for everyday use in concealed carry. Knitwear with high elasticity at the shoulders enhances the level of comfort. Due to the flexibility of our product, you can have a great variety of protections within this type of carrier.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening

Interior

- Heat and sweat management by Outlast®
- Reinforcement fabric
  at inside (in contact with duty belt)

Colour

- NS0 Black
- BS0 Blue
- WS0 White



COMFORT XP

1BVBC0K00

COVERT VEST

The COMFORT XP covert is designed for daily use either under or on top of a duty shirt. The front is fitted with an additional insert plate pocket for increased protection levels. The armour cut is designed for shooters and has adjustable shoulder straps to ensure a more comfortable and better fit. The outer cover materials are light and made from high abrasion resistance polyamide with PU coating. The lining is based on a knitted antibacterial Coolmax material with silver ions. The vest is used by police, military and security forces that require a higher level of protection while maintaining maximum comfort.

Exterior

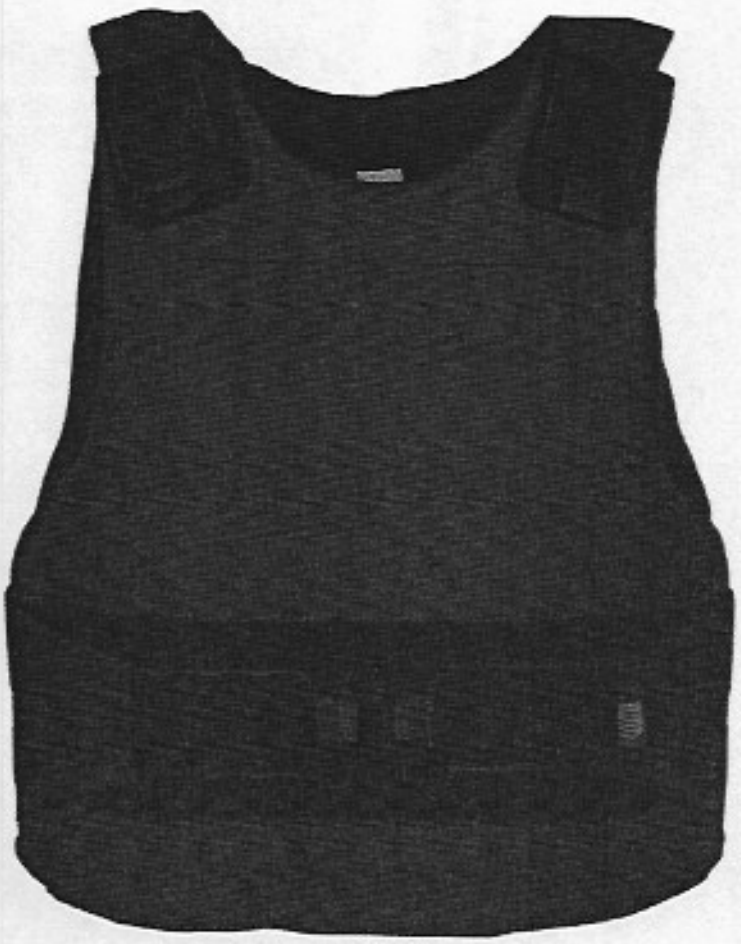
- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- External front plate pocket (dimension plates: width: 15 cm / height: 20 cm)

Interior

- Heat and sweat management by Coolmax® fabric
- Reinforcement fabric at inside (in contact with duty belt)

Colour

- NS0 Black
- BS0 Blue
- AS0 Olive Green



CXP NORDIC

1BVCC0K00

COVERT VEST

The CXP NORDIC covert is designed for daily use either under or on top of a duty shirt. The model has shoulder adjustments at the back side, resulting in an as little as possible visibility of the vest in front. High emphasis has been taken for adjustability and comfort level. The front is fitted with an additional hard plate pocket for increased protection levels. The armour cut is designed for shooters and has adjustable shoulder straps to ensure a more comfortable and better fit. Multiple points of adjustment allow an easy put on and off. The vest is used by the police and security forces that require a higher level of protection while maintaining maximum comfort and little visibility.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- Internal front plate pocket (dimension plates: width: 15 cm / height: 20 cm)

Interior

- Comfortable elastic open fabric at the inside

Colour

- NS0 Black



HERACLES

1BV4C0PH0

OVERT VEST WITH UTILITY BELT

The HERACLES overt vest has been created for easy use for the wearer, designed utilising adjustable shoulder closures and providing enough storage facilities by means of Napoleon-zipped pockets for notebook, wallet,... The vest is also equipped with an utility belt that allows extra pouch attachments to carry several accessories like mobile phone, magazines, torch, ... In order to increase wearer comfort the vest is equipped with a heat and sweat management system. This system consists of a 3D spacer lining that effectively reduces body heat build-up by allowing consistent air circulation and providing a high perspiration transfer from the body. Additional features as comfort cushioning and shock absorbency lumbar support are also provided.

Exterior

- Zip closure
- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures at the back with touch and close fastening
- Fixed belt with touch and close fastening to attach different pouches
- Cable guiding system in the front
- Loops on both shoulders
- Front and back velcro for logo
- 2 inset pockets with zip closure
- 2 loops for radio pocket
- Touch and close fastening for name badge
- Internal evacuation handle

Interior

- Heat and sweat management by 3D Spacer technology
- Elastic belly belt
- Reinforcement fabric at inside (in contact with duty belt)

Colour

- NS0 Black



HELIOS

1BG4F0ES3

HIGH-VIS RED OVERT

The HELIOS vest offers maximum comfort with a 360° wrap around protection. It is easy to use and very flexible. The perfect combination of high-visilibity (hi-vis) and personal protection, making it perfect for ambulance attendants and firemen. Its design gives you a high carrying capacity especially thanks to a large Napoleon pocket. A day or nighttime mission ? The Helios overt will give you the security you are looking for.

Exterior

- Zip closure
- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures at the back with touch and close fastening
- Loops on both shoulders
- Front and back velcro for logo

Interior

- Heat and sweat management by 3D Spacer technology
- Elastic belly belt
- Reinforcement fabric at inside (in contact with duty belt)

Colour

- FR1 Hi-Vis Red



STEWARD

1BV1F0MF1

WAISTCOAT WITH POUCHES FOR PROTECTION

The STEWARD overt vest is a unique one combining high-visibility (High-vis) outer vest with a discrete personal protection. High-vis yellow outer fabric and retroreflective bands give its unique look and allow you to be seen at any time of the day and night. The side buttons make it easily adjustable so you can wear it over thick garments as a pull or even a jacket.

Exterior

- Zip closure
- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- Loops on both shoulders
- 2 patched pockets with flap
- 1 on shoulders + 2 on body

Interior

- Heat and sweat management by nylnet fabric

Colour

- FY1 Hi-Vis Yellow



ODIN

1BH7A2NM1

OVERT VEST WITH HARD PLATE POCKETS

The ODIN tactical overt vest has been created to guarantee the extra protection to the end user by wearing hard plates in conjunction with soft armour. Designed for ease of use for the wearer this system utilises adjustable shoulders, side closures and a specific internal design to keep the armour in place during rigourous movements. In order to increase wearer comfort the vest is equipped with a heat and sweat management system. This system consists of a 3D spacer lining that reduces body heat build-up by allowing permanent air circulation and providing a high perspiration transfer away from the body. Optional shoulder protections can be attached if asked.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- Front and back velcro for logo
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Interior

- Heat and sweat management by 3D Spacer technology
- Reinforcement fabric at inside (in contact with duty belt)

Colour

- NS0 Black
- B95 Navy Blue



TRITON

1B91C0NM1

PLATE CARRIER

In dangerous situations the TRITON harness is the perfect solution to upgrade your traditional soft armour to higher levels of ballistic protection. This plate carrier has external hard armour plate pockets on the front and the back that give you the ability to reach the desired level of protection. The inner side of the carrier is made of anti-slip fabric so the carrier remains perfectly in place. A 3D spacer lining is also integrated to maximize the comfort. Different designs were used to ensure stability on the body while carrying hard plates for a daily use.

Exterior

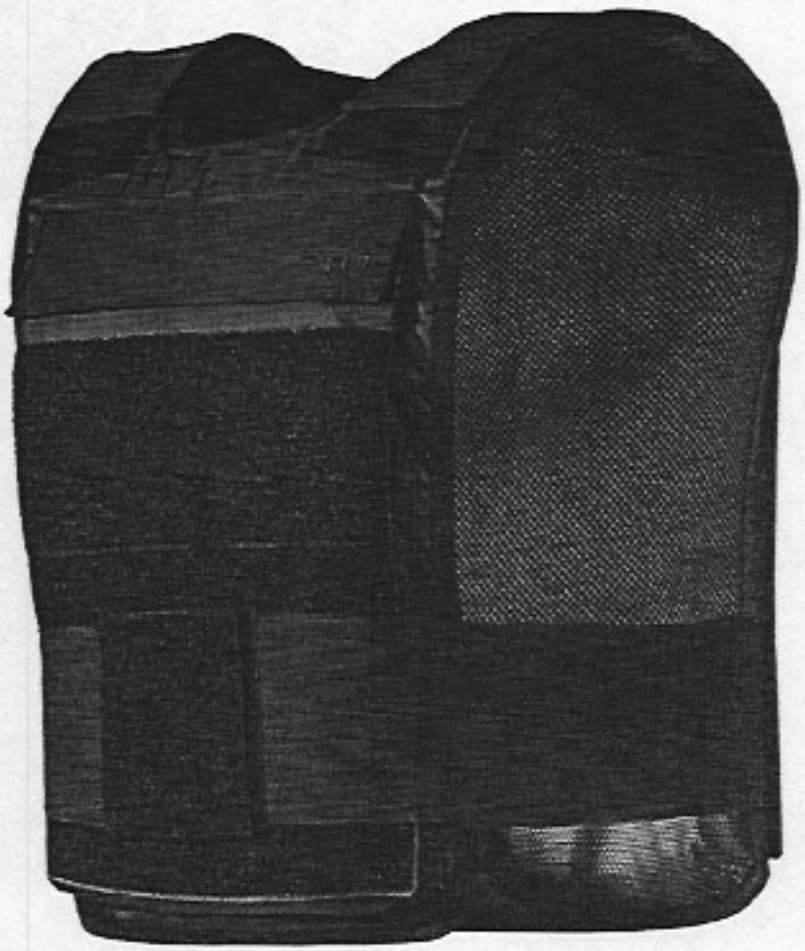
- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- Front and back velcro for logo
- Anti-slip lining at the bottom
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Interior

- Heat and sweat management by 3D Spacer technology

Colour

- N15 Black



MERCURI

1BL6C0PH1

PLATE CARRIER WITH MOLLE (RIBBON)

The MERCURY is a plate carrier that was designed in a compact way to offer maximum comfort and flexibility. This carrier gives you the possibility of wearing hard ballistic plates on the front and the back. MOLLE system over its entire surface allowing a not neglibile payload capacity for such a small area. Very easy to put on, freedom of movement, easy to adjust thanks to Velcro closures on the shoulders and a buckle system on the sides. A 3D tunnel spacer lining gives the feeling of great comfort. The Mercuri is also equipped with Velcro areas to attach any type of identification badges, A dorsal extraction strap is also present on it. An internal fixing system of the hard plates will ensure a good positioning of the plates and this even during chases.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Side closures with buckles
- MOLLE ribbon to attach different pouches
- Front velcro for logo
- External evacuation handle
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Interior

- Heat and sweat management by 3D spacer technology with extra ventilation

Colour

- NS0 Black



SPIDER

1BP0C0L10

PLATE CARRIER WITH MOLLE (LASER CUT)

The SPIDER is a plate carrier that has been designed as simple as possible. Its very refined design allows it to be easily donned or removed , to have great freedom of movement, to be easy to adjust, ... This model of plate carrier gives you the possibility of wearing hard ballistic plates on front and back. Laser-cut MOLLE system over its entire surface allows an interesting payload capacity. Its seamless design reduces the risk of weak points.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Side closures with buckles
- MOLLE Lasercut to attach different pouches
- Front and back velcro for logo
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Colour

- NS0 Black



ARES

012DF0ZD0

OVERT VEST (BE)

The ARES vest is an overt that gives you the possibility to associate soft and hard ballistic protections. The vest design has been specially developed to give the wearer great mobility, freedom of movement and a comfortable fit. The vest gives you a 360° wrap around soft ballistic protection that you can improve on the front and the back by adding hard ballistic plates in the pockets provided for this purpose. A 3D tunnel spacer improves the wearer's comfort by reducing the body heat build-up thanks to air movements within the vest. A belly belt allows a good positioning and stability while the vest is worn. 4 closure systems with Velcro's allow easy adjustement and put on.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- Durable touch and close fastener
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Interior

- Heat and sweat management by 3D spacer technology with extra ventilation
- Elastic belly belt

Colour

- E7I Coyotte IR
- NS0 Black



ATLAS

001DF0ZD0

LOAD BEARING VEST

The ATLAS is a modular load bearing vest that is battle proven. The platform is used for combat actions that require modularity, stability, great adjustability for personal fitting and a large capacity of load. The vest has a comfortable fit. In most cases the carrying platform is worn in combination with a protective vest. Hard ballistic plates (front, back and optional sides) can be inserted in the vest when used as standalone or in conjunction with soft ballistics. The ATLAS has a 360° MOLLE surface which allows maximum flexibility in body mapping. The vest is equipped with a double front closing system (2 quick release buckles and a quick release zipper) and anti-slip areas on the shoulders.

Exterior

- Zip closure with buckles
- Adjustable shoulder closures with touch and close fastening
- MOLLE ribbon to attach different pouches
- Cable guiding system on both shoulders
- MOLLE ribbon to attach different pouches
- 360° Molle
- External evacuation handle
- Anti-slip pads on the shoulders
- Front, back and side plates

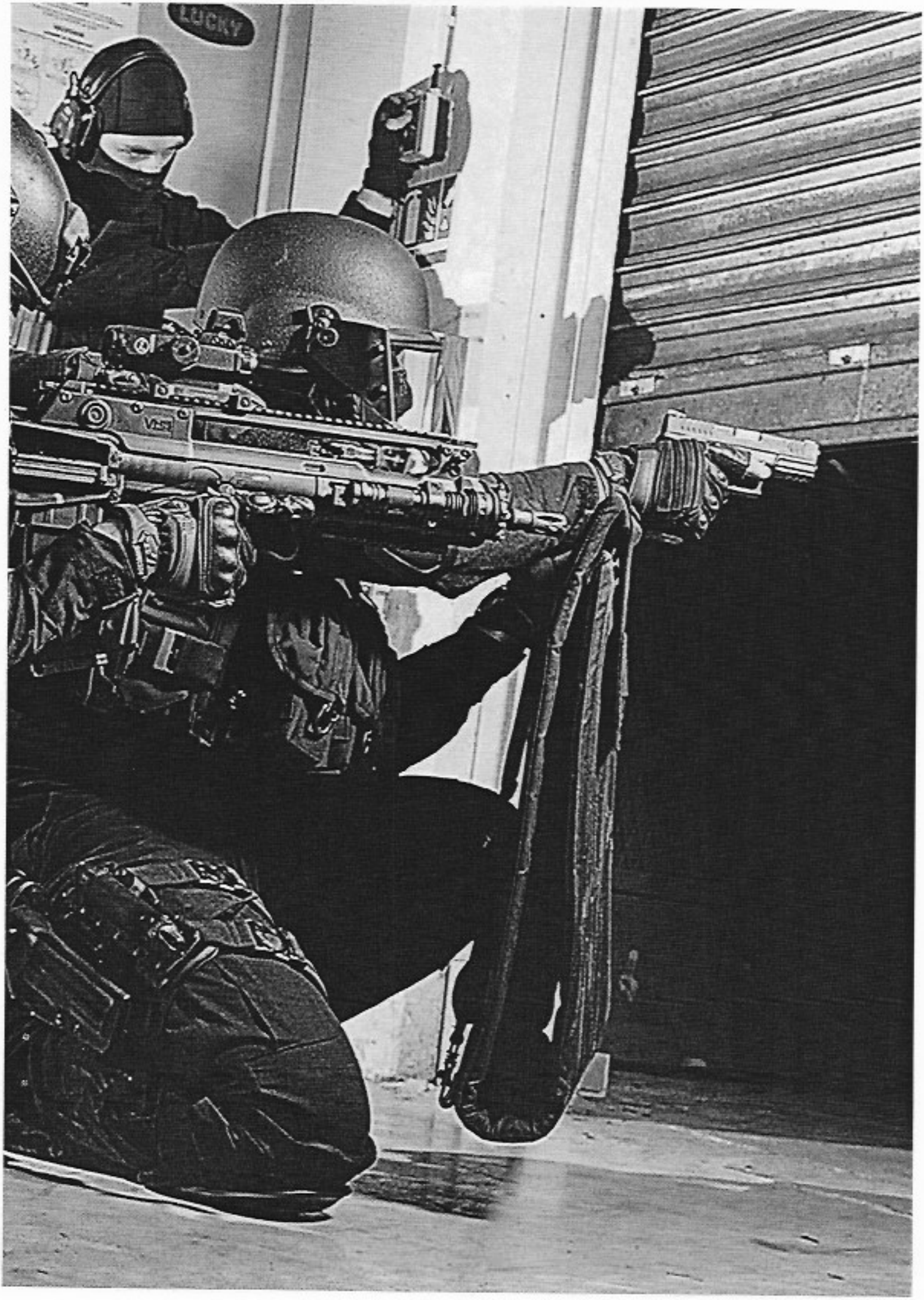
Interior

- Heat and sweat management by nylnet fabric
- Strong external fabric

Colour

- E7I Coyotte IR
- NS0 Black




LUCKY

CRIUS

1BL2C0PH1

MODULAR TACTICAL VEST

The CRIUS is a modular lightweight tactical vest used during police or military missions, requiring stability, durability and mobility for the wearer. The vest gives you a 360° wrap around soft ballistic protection that you can enhance with hard protection thanks to front, back and sides pockets (optional). The CRIUS also has a MOLLE platform on its entire surface allowing an important payload capacity while maintaining great body mapping flexibility. Its unique design provides maximum comfort and freedom of movement. The vest is made of a resistant outer fabric, nonskid fabric on the shoulder, 3D inner lining. The CRIUS vest is quite modular thanks to the possibility of additional protection for neck, throat, shoulders, upper arms and groin.



Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- MOLLE ribbon to attach different pouches
- Front and back velcro for logo
- External evacuation handle
- External front and back plate pocket (dimension plates: width: 25 cm / height: 30 cm)

Interior

- Heat and sweat management by 3D Spacer technology

Colour

- NS0 Black

TITAN GI

1CK7C003N

TACTICAL VEST

The TITAN GI is a lightweight modular tactical vest used by police officers which need agility, sustainability and movability. The vest has an ergonomic battle-proven fit as backbone. The platform offers the necessary fit range and adjustability for maximum comfort and protection for the user. The tactical protection can be scaled up and down depending the threat faced up to a 360° protection. Throat, neck, shoulders, upper arms and groin protective panels are removable. The TITAN has a 360° PALS/MOLLE surface that allows large load with maximum flexibility in body mapping. A reinforced drag handle in the back completes this modular design.

Exterior

- Adjustable shoulder closures with touch and close fastening
- Adjustable side closures with touch and close fastening
- MOLLE ribbon to attach different pouches
- Durable touch and close fastener
- 360° Molle
- External evacuation handle
- Anti-slip pads on the shoulders
- Internal front and back plate pocket (dimension plates: width: 25cm / height: 30cm)

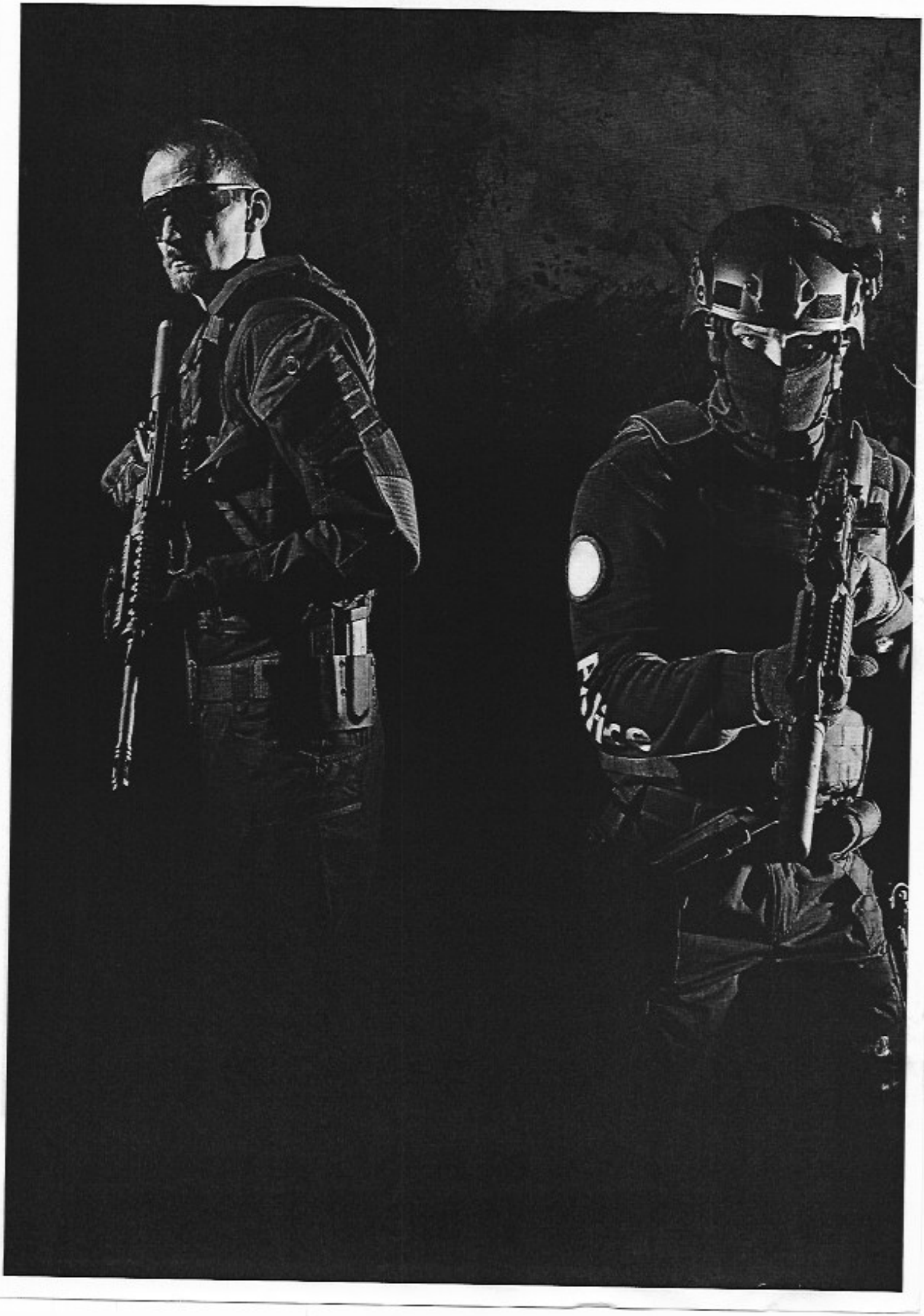
Interior

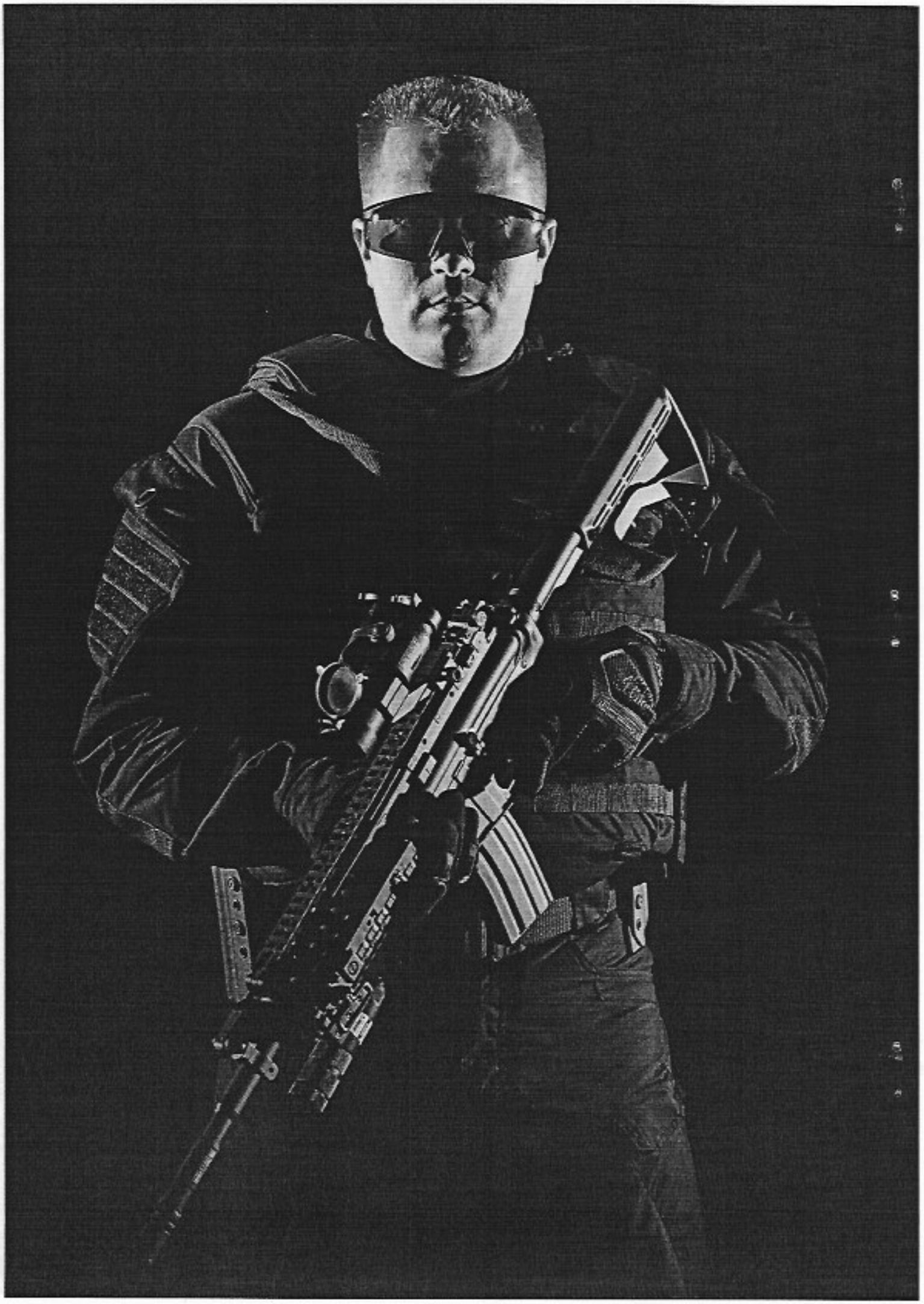
- Heat and sweat management by 3D spacer technology with extra ventilation

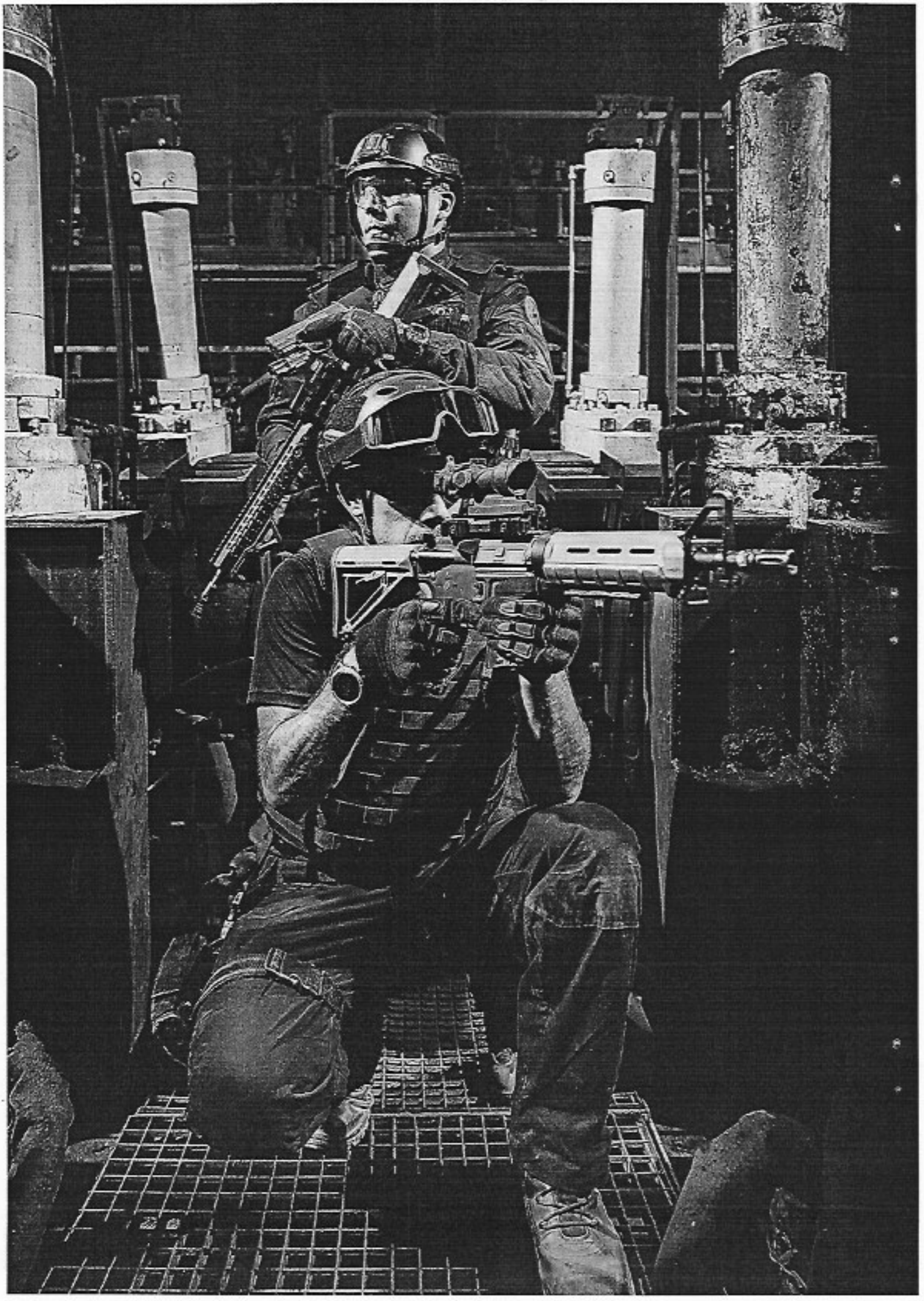
Colour

- NS0 Black









Ballistic vests

Covert solutions

Covert vests are engineered to the thinnest and most flexible specifications whilst still providing the wearer with proven protection following official norms and standards. This allows the wearer to hide the fact that he or she wears a body armour.

Unnoticeable to observers, covert vests frequently make use of Outlast® or Coolmax® fabrics that provide a comfortable temperature over extended periods of use. They are ideal for officers assigned to close protection and/or undercover.

11


MYSTIC
1BN2C0MK0

13


ULS FIT
1BVAC0PE0

15


POLLUX
1B59C0P01

17


FOLLUX
1B61C0P01

19


COMFORT XP
1BVBC0K00

21


CXP NORDIC
1BVCC0K00

Overt solutions

Intended to be worn over clothes. Overt vests utilise quality outer fabrics and an inner layer of 3D textiles like 3D Spacer fabric. In addition, accessories are easily available via external and internal pockets. Overt vests are most common among law enforcement officers, military and the security services industry.

23


HERACLES
1BV4C0PH0

25


HELIOS
1BG4F0ES3

27


STEWARD
1BV1F0MF1

29


ODIN
1BH7A2NM1

31


TRITON
1B91C0NM1

33


MERCURI
1BL6C0PH1

35

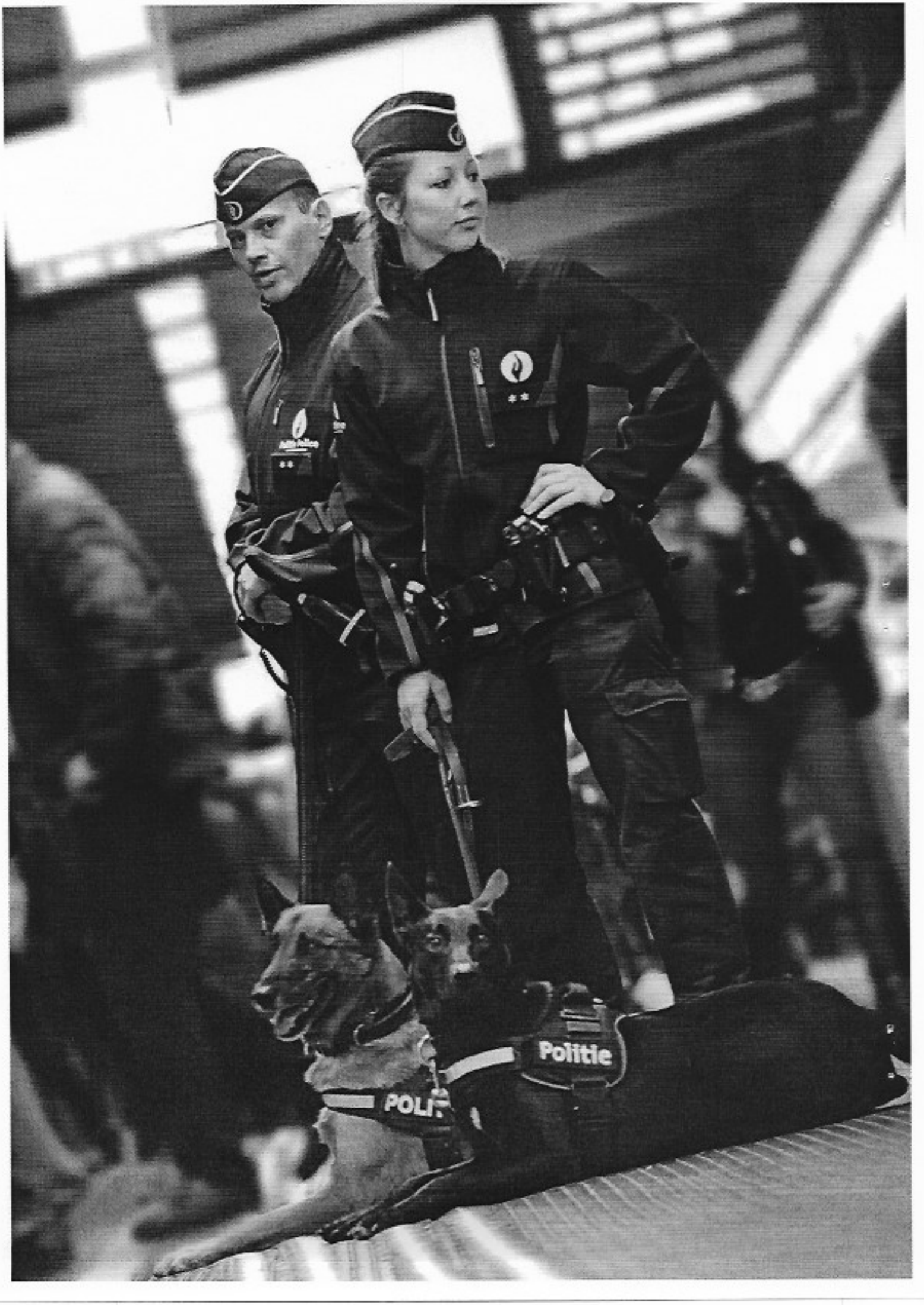

SPIDER
1BP0C0L10

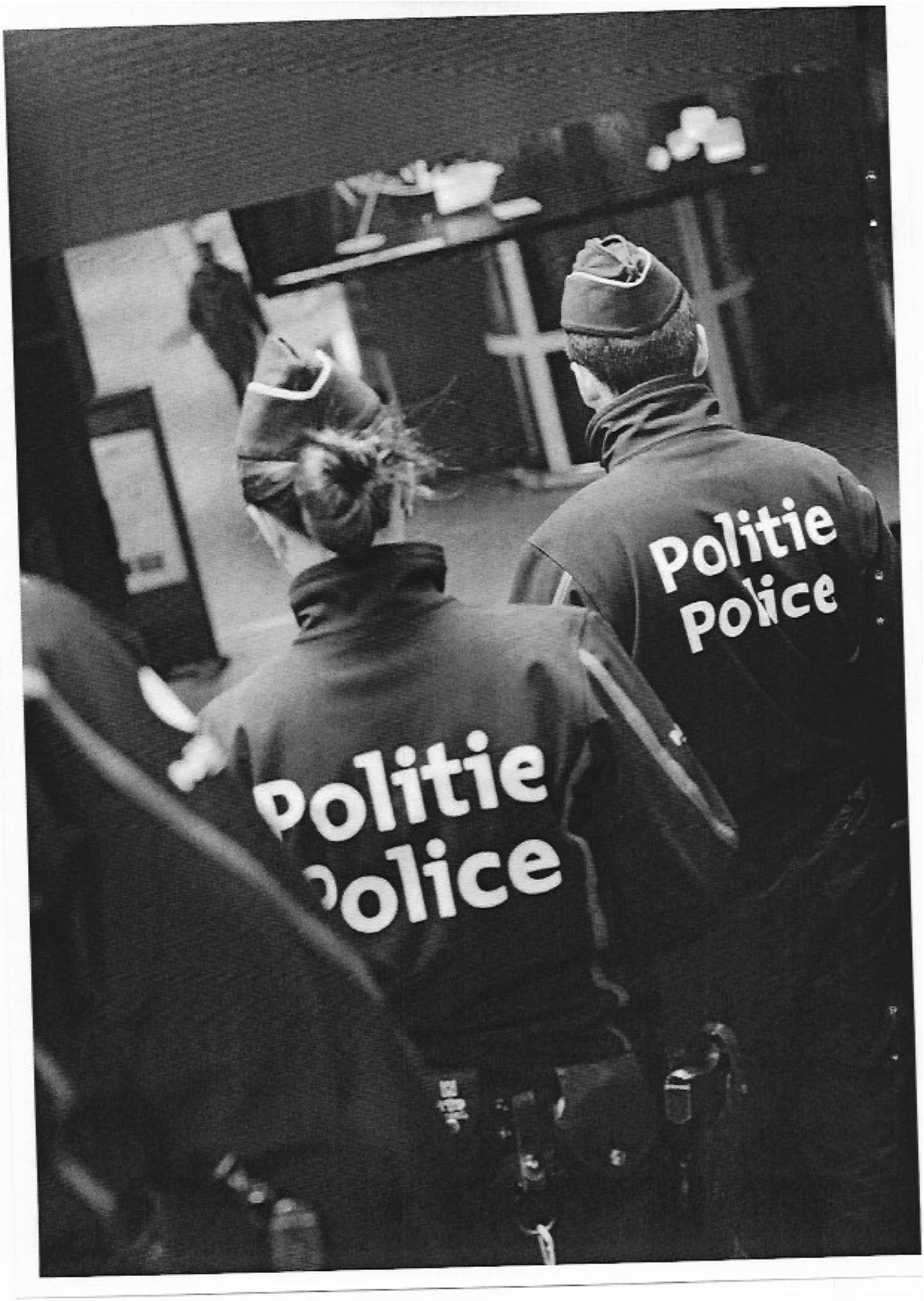
37

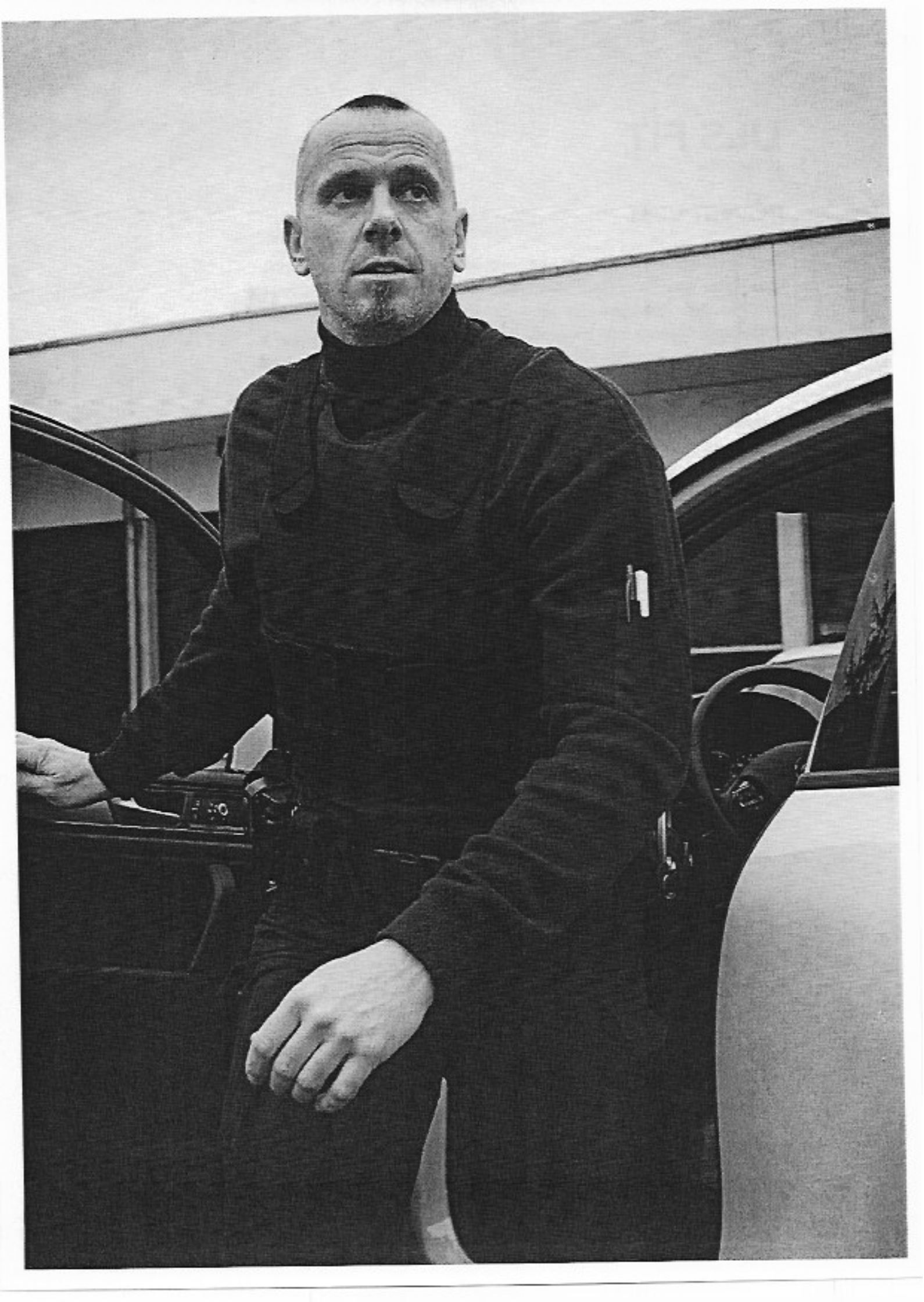

ARES
012DF0ZD0

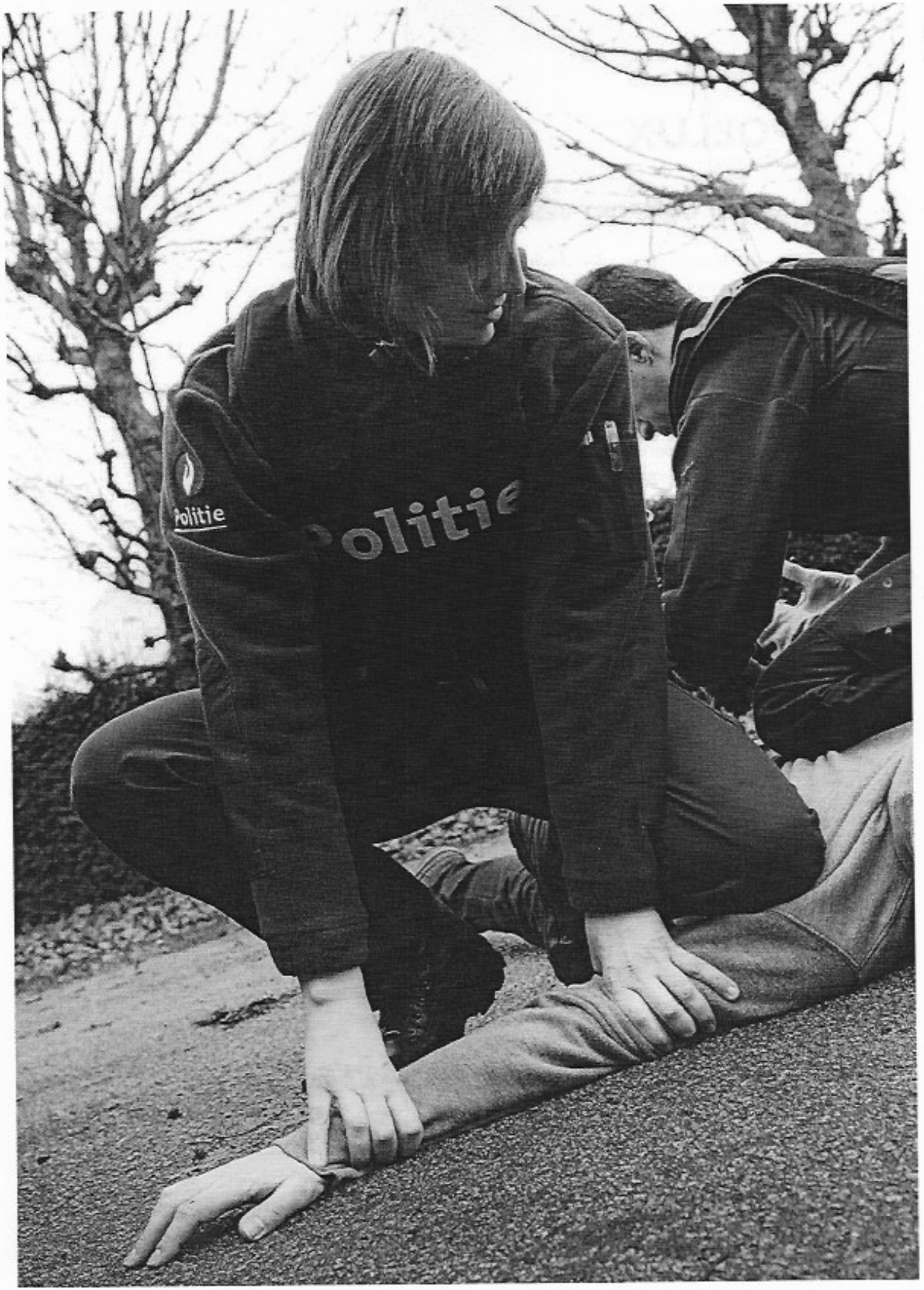
39

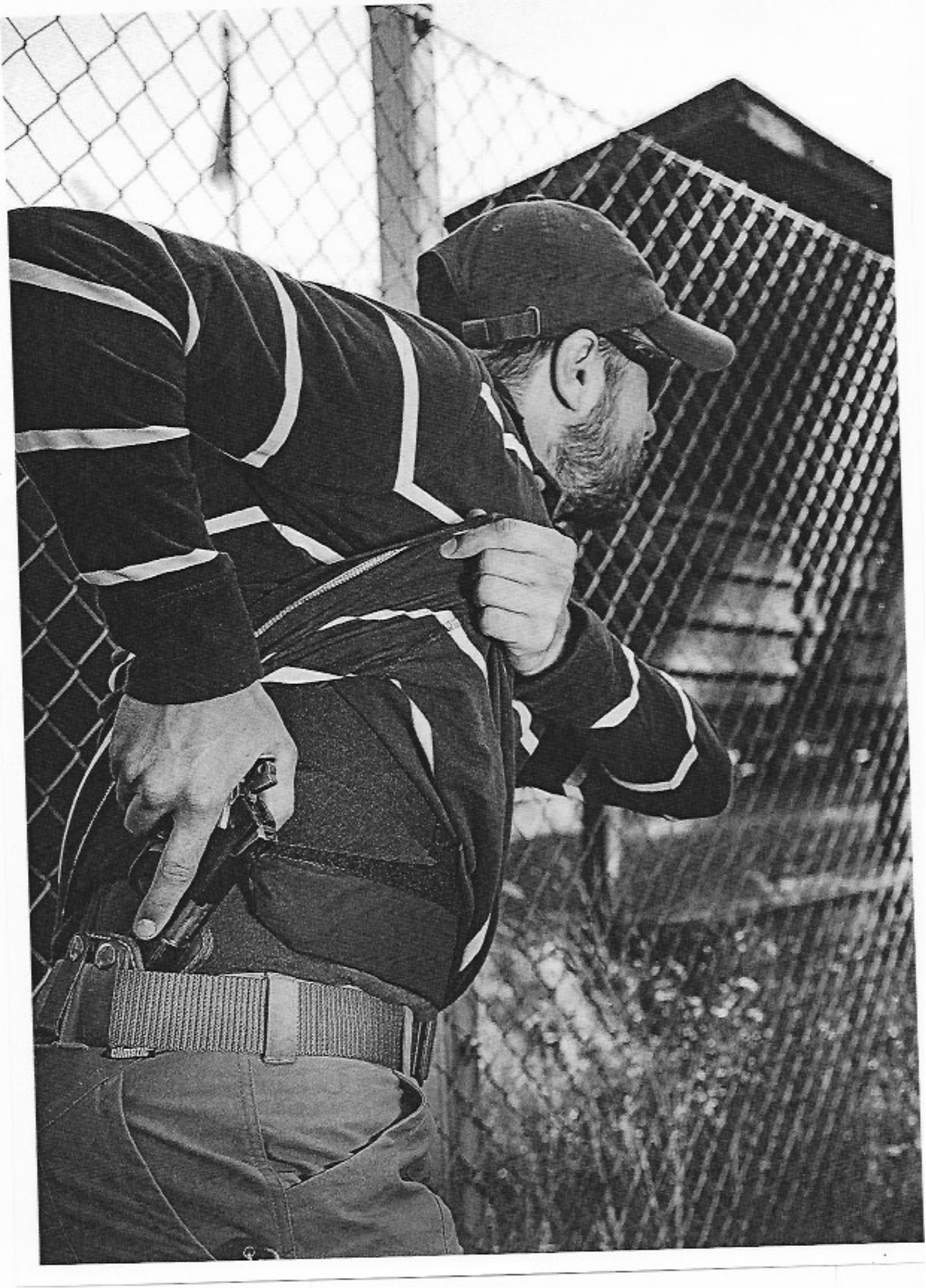

ATLAS
001DF0ZD0

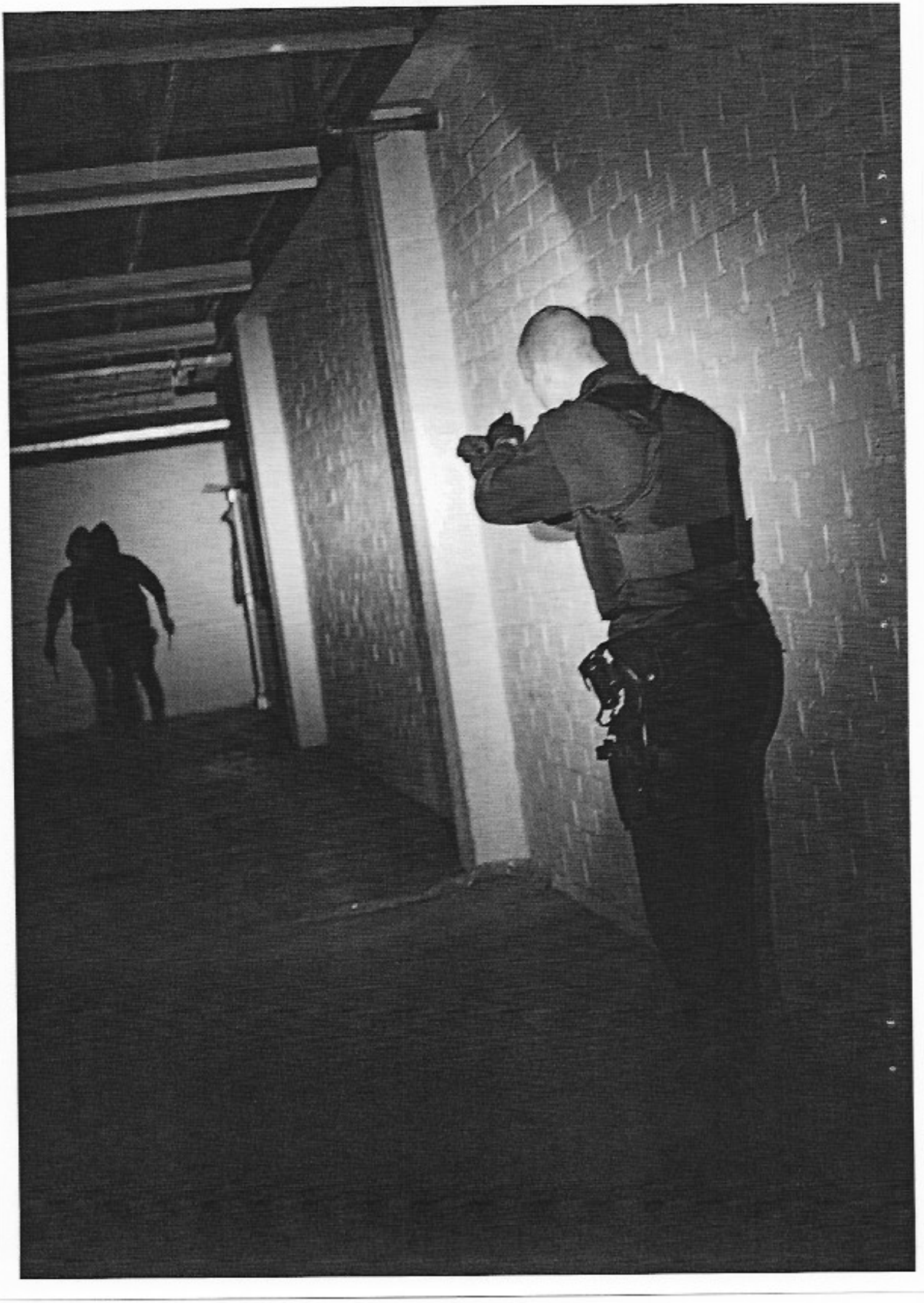

Politie
POLI

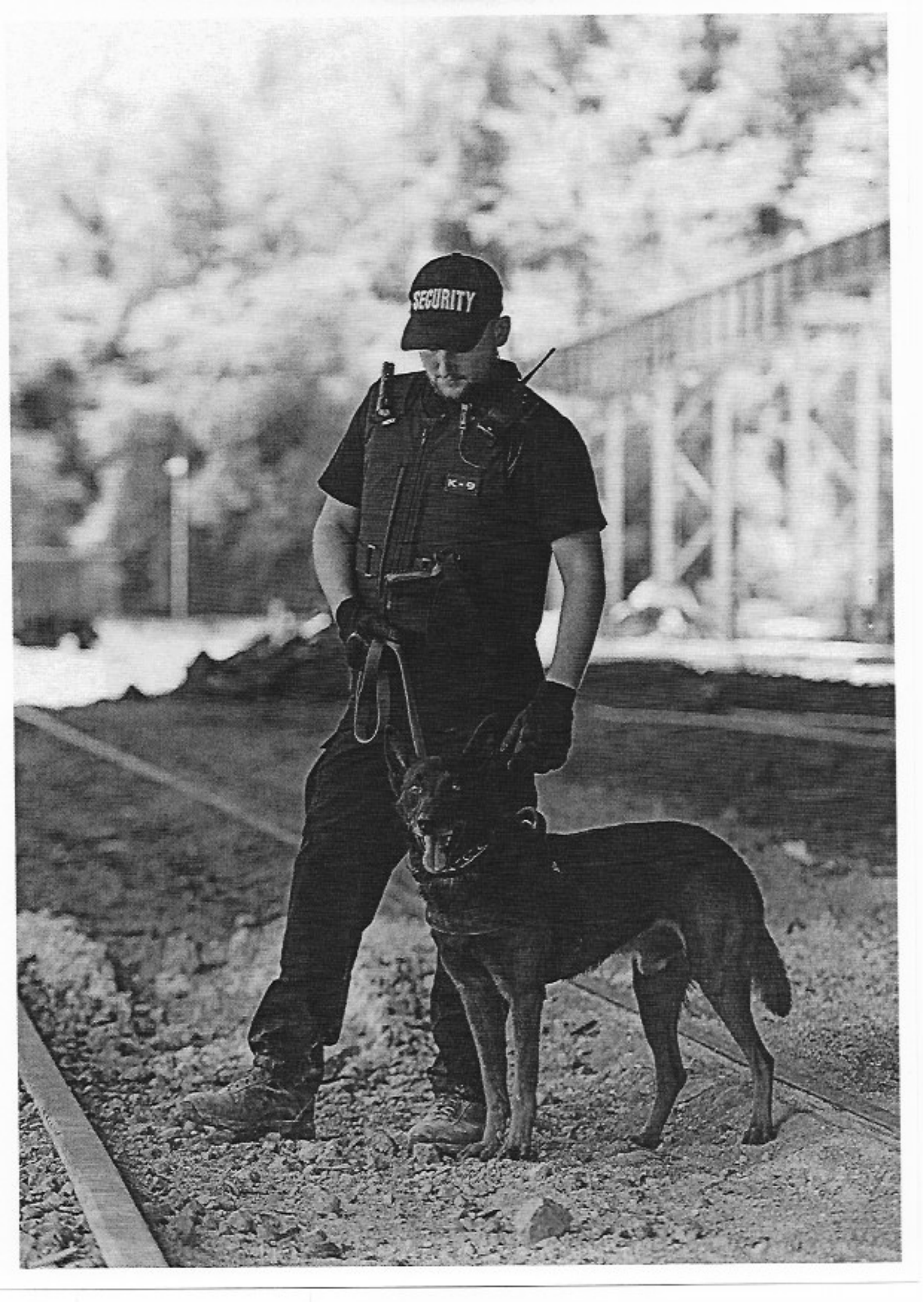

Politie
Police
Politie
Police

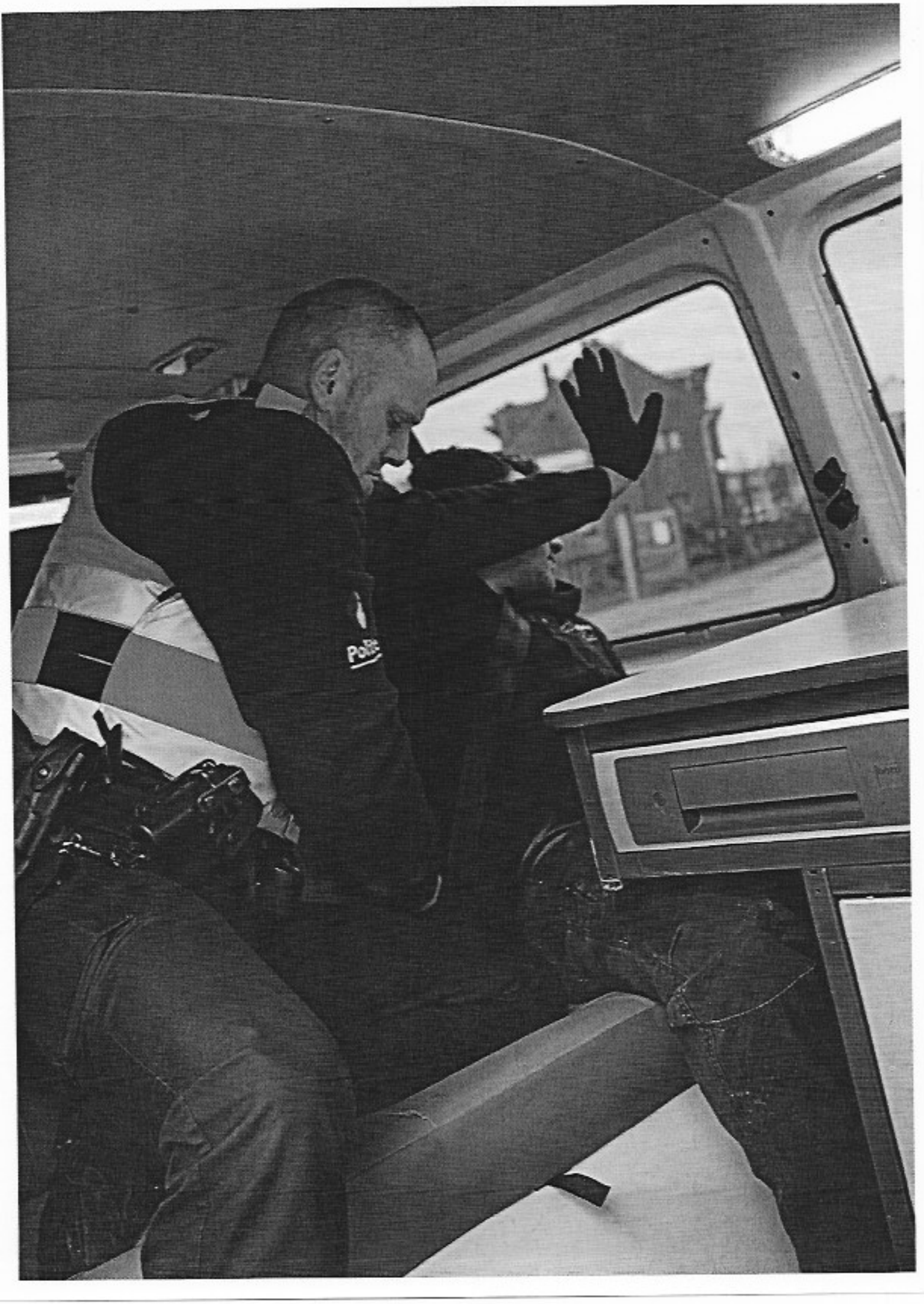



olitie

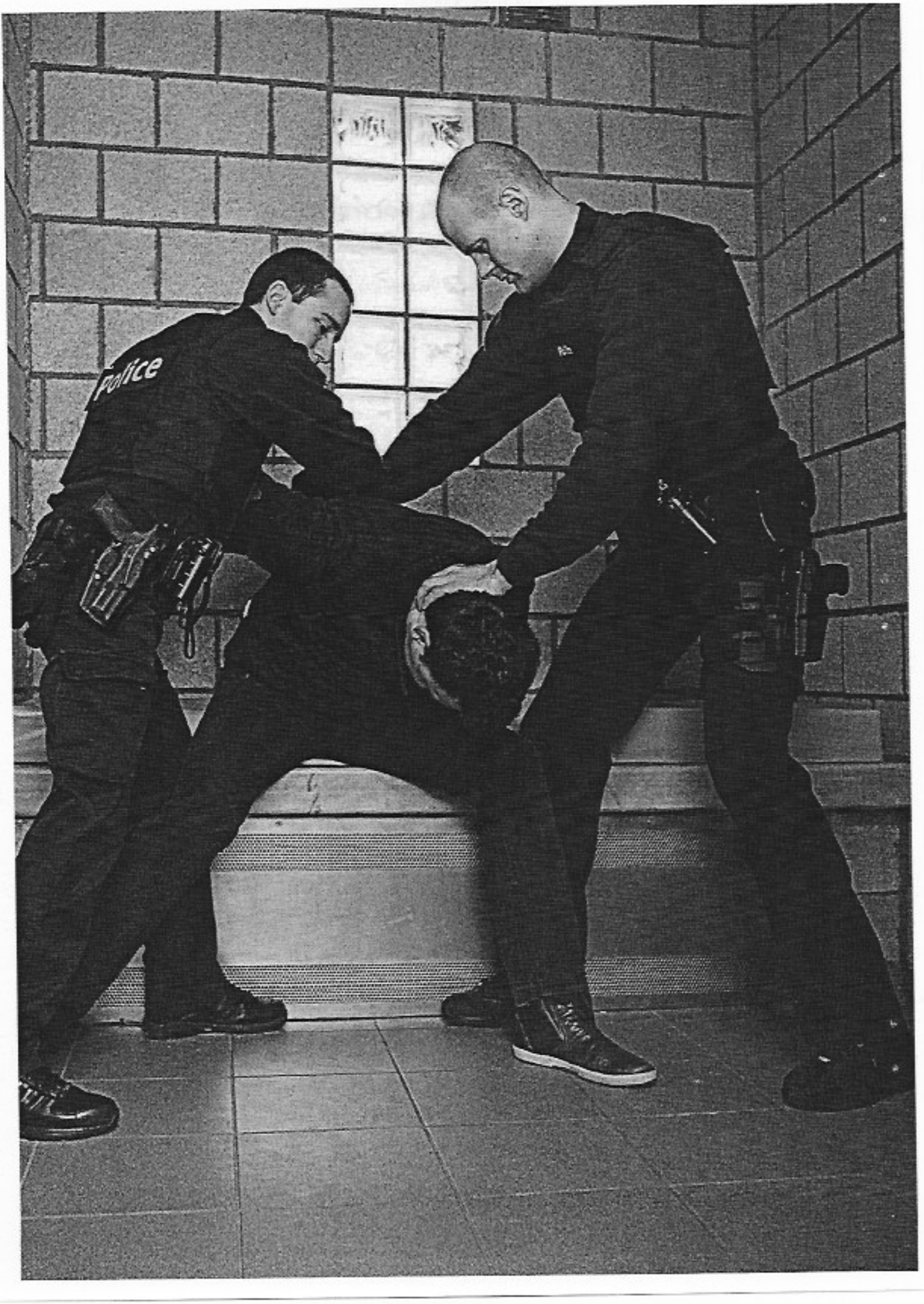




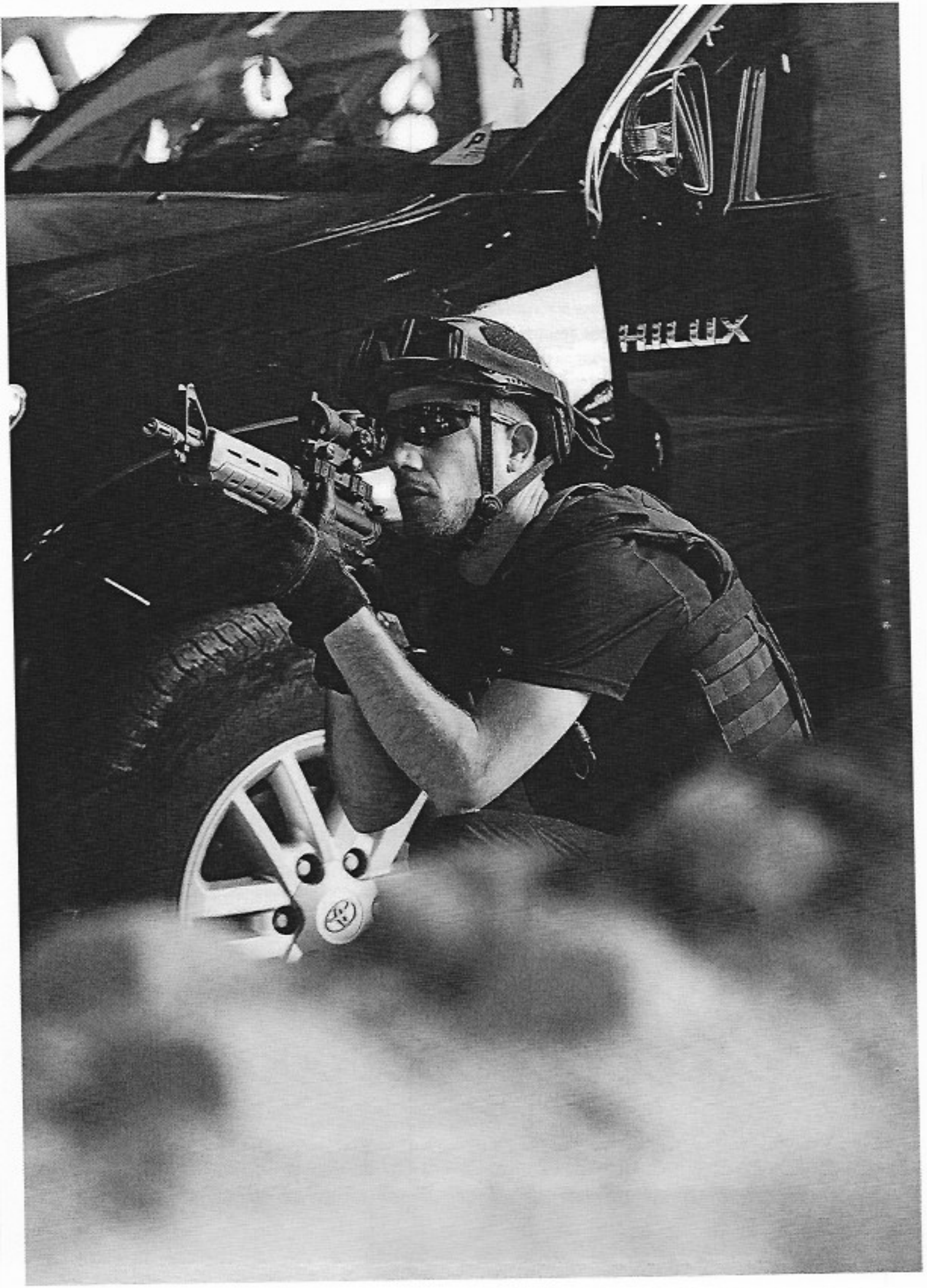

SECURITY
K-9

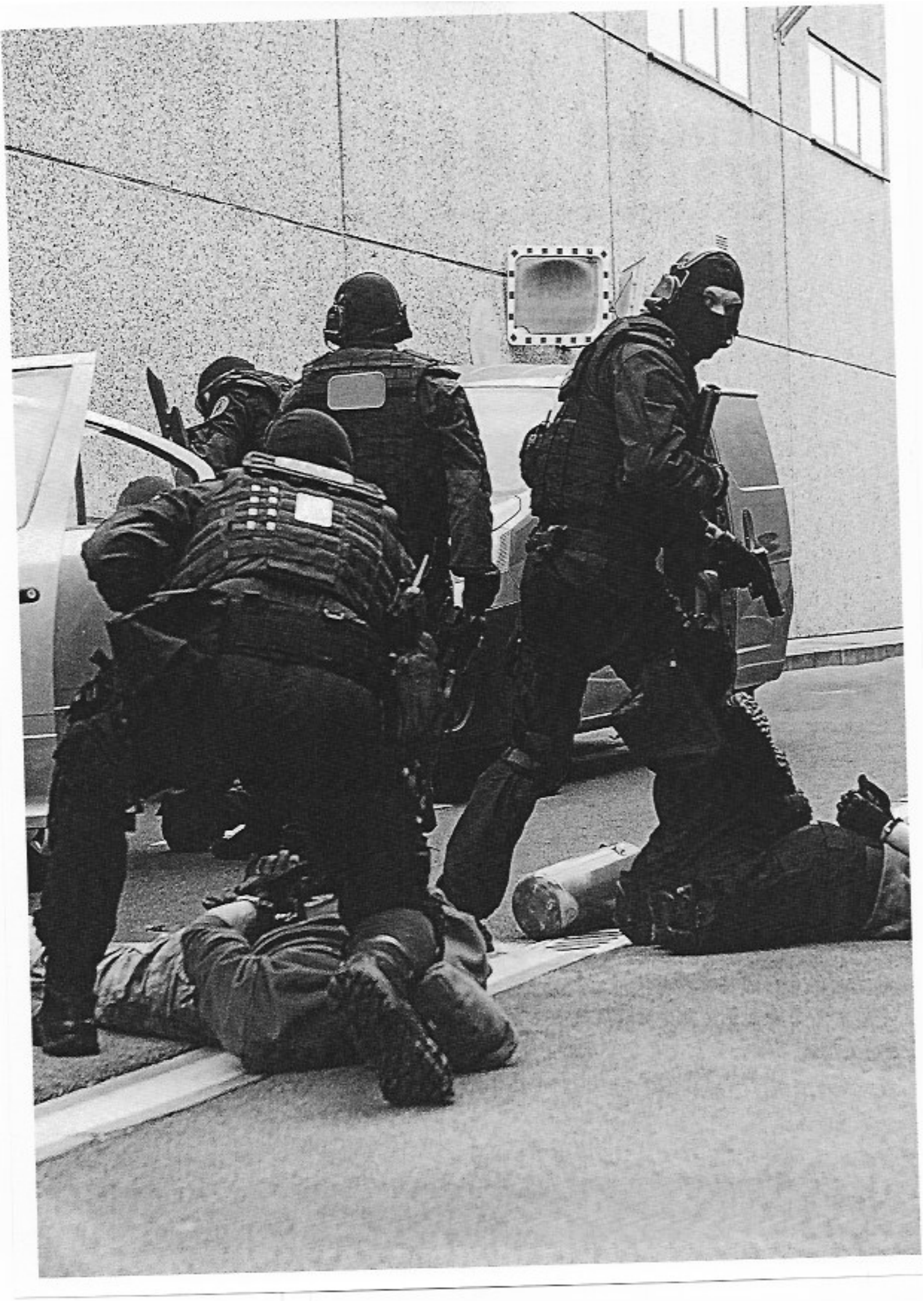


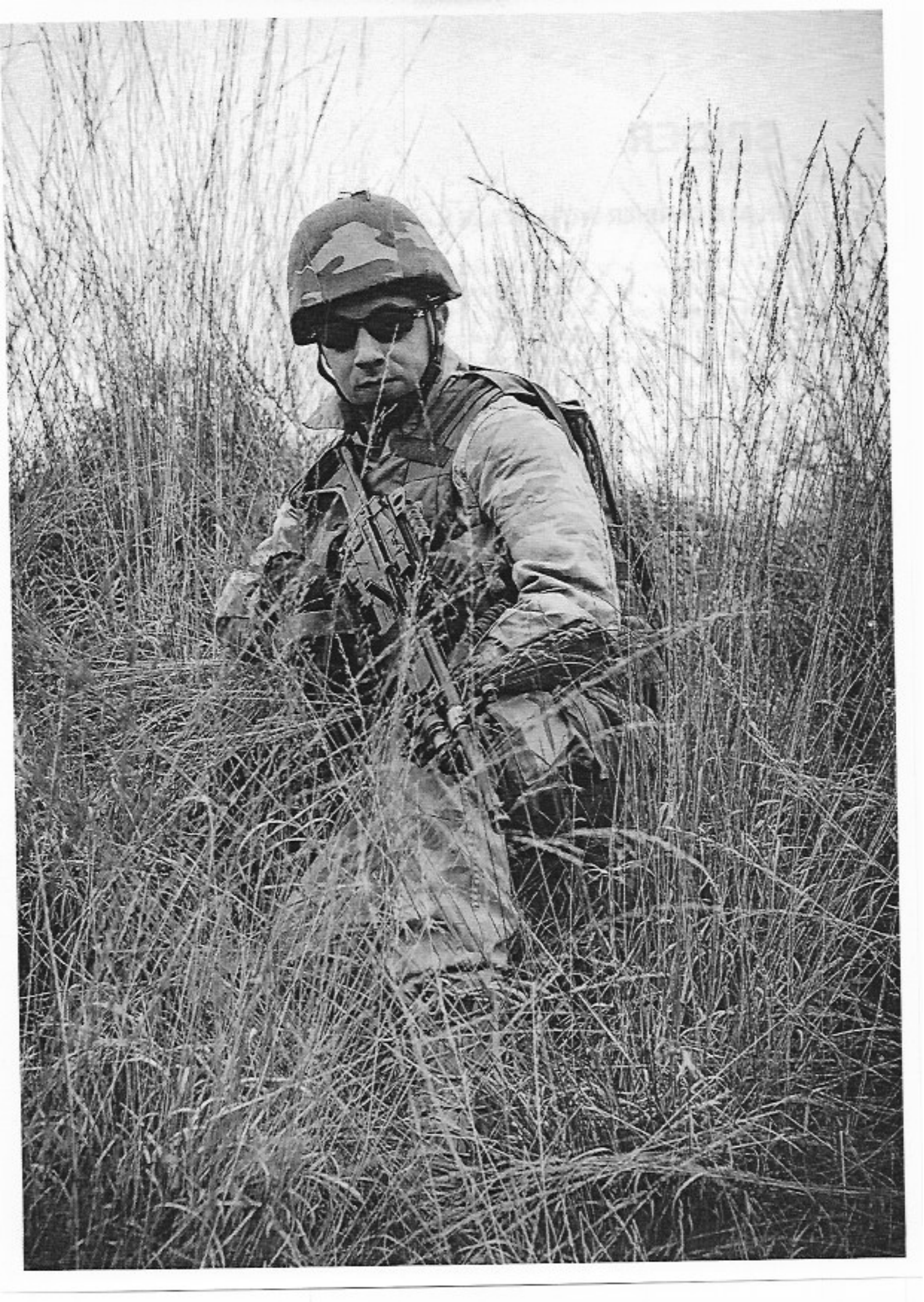



Police

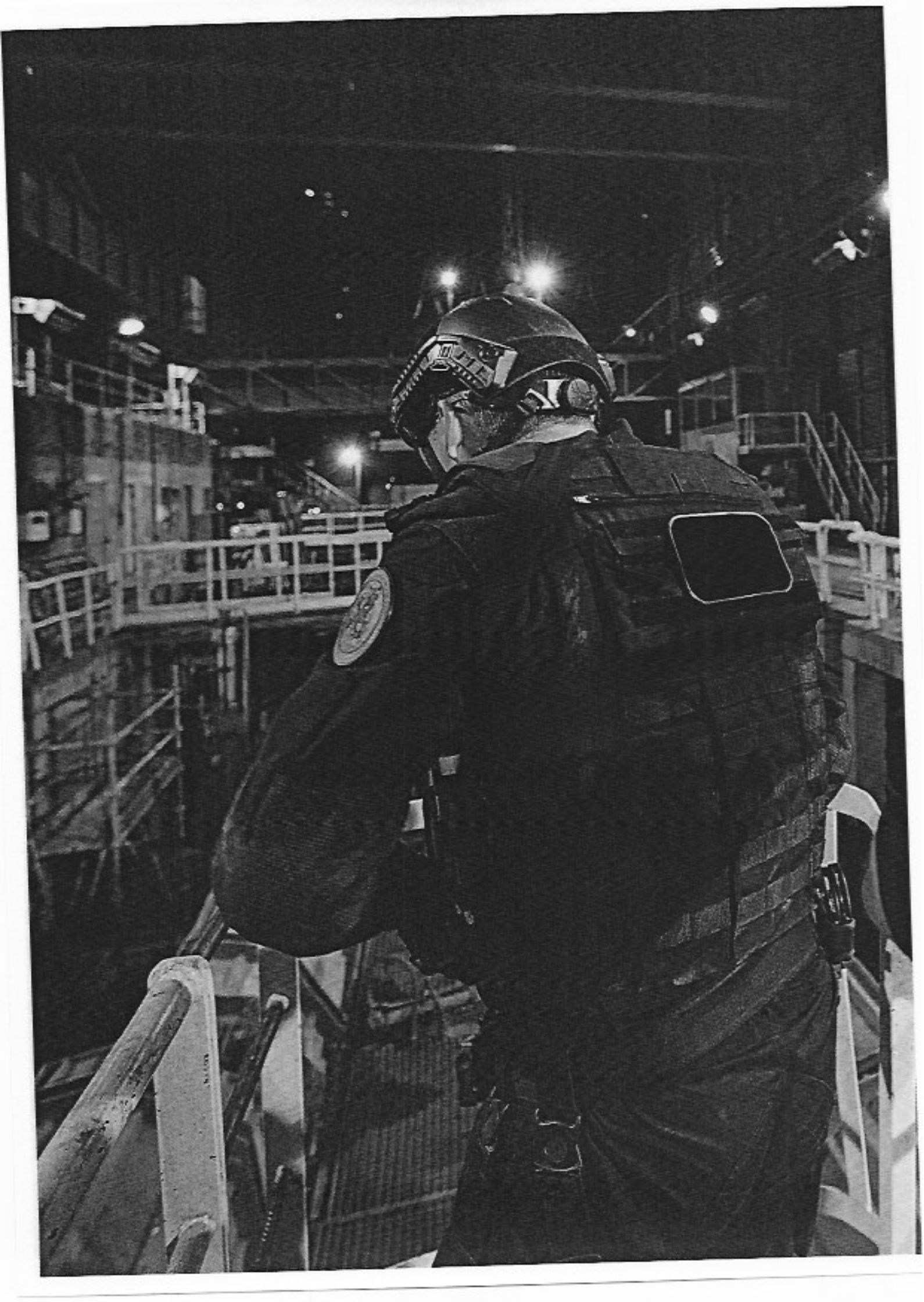

1-DLS-605

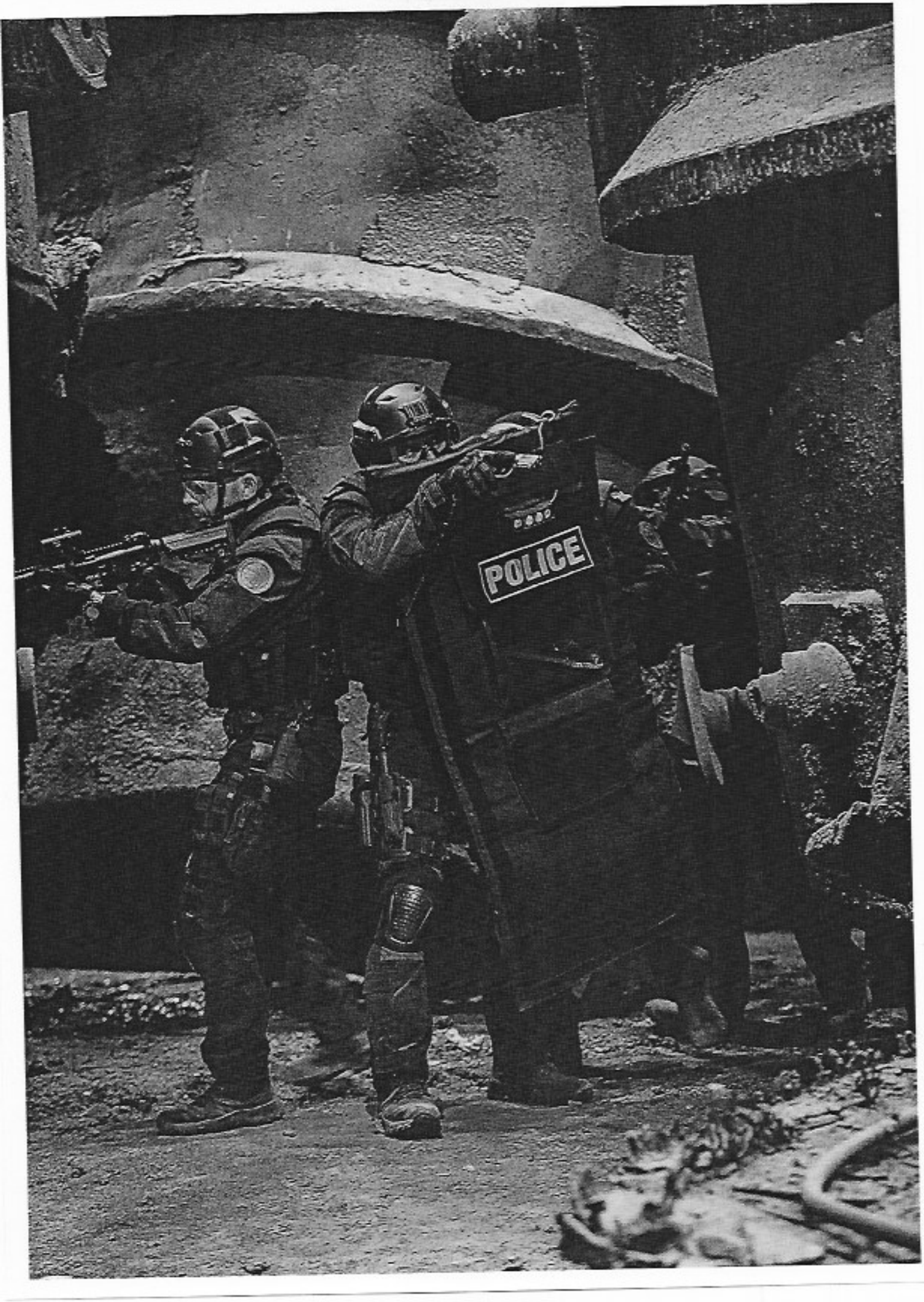

HILUX

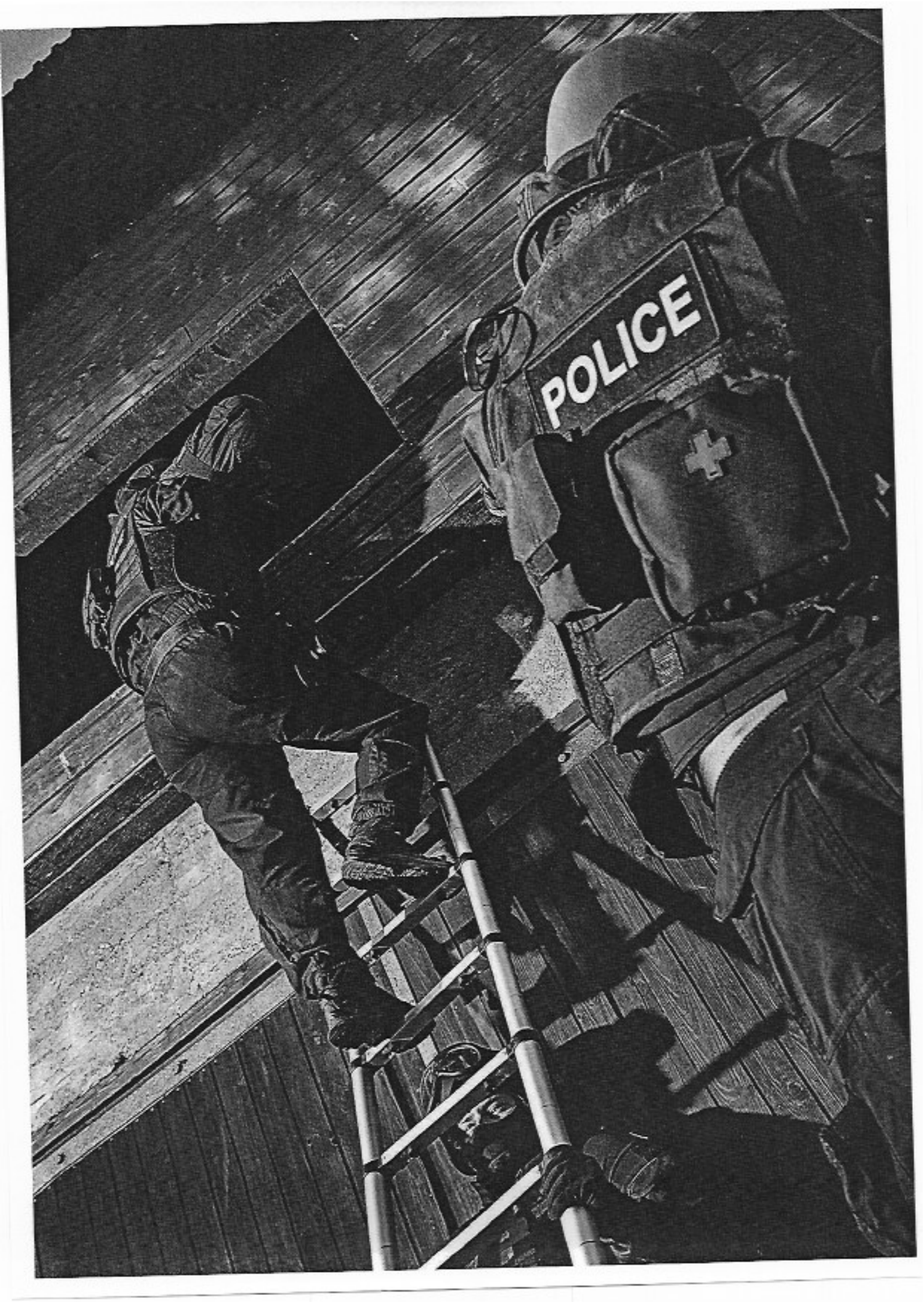









POLICE


POLICE