

# Blue Line

December 1993

Volume 5 No.10



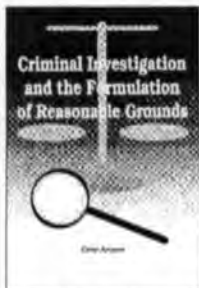
Canada's National Law Enforcement Magazine



# Law enforcement is no fool's game!

Modern law enforcement professionals need all the tools at their disposal. The biggest and most basic tool is *Knowledge*.

The following material has been reviewed by *Blue Line Magazine* and are highly recommended to our readers.



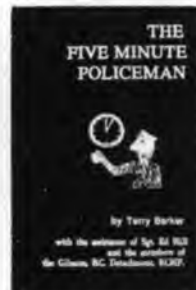
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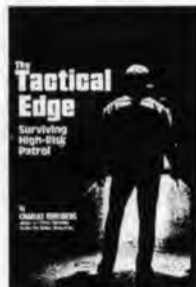
"The ability to deal with the public in all its forms, moods and temperment with a "System" allows even experienced officers to feel a new confidence. Written with the assistance of the Gibson's Detachment of the RCMP. Enjoy this book and give Terry Barker's "System" a try. It will prove to be one of your most valued tools.

\$13.70



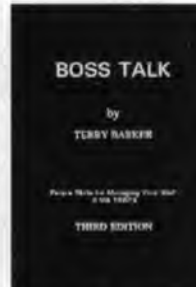
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Written by the Author of "The Five Minute Policeman", this book was selected as the study text for the U.S. Parks Service Police for promotional candidates. Evaluated by the College training staff and staff psychologists around the world this book is must read material for anyone looking for managerial level careers.

\$17.95



Ken Tuthill's face was blown off by a shotgun; A high-speed chase trapped Mike Buckingham in his burning cruiser; Mike Thompson saved his life from a team of ambushers; Steve Chaney couldn't stop a crazy man from killing his partner. Haunted by these horrors these officers survived the events and the mental after effects. Learn how in this video tape.

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Defend yourself against the threat of the "knife culture". Learn how to assess an edged weapon assailant before he strikes, what really works and what doesn't to control the assailant, when to use your baton and deadly force, how to avoid the fatal reactions untrained officers instinctively have to sudden knife attacks and learn some medical self-help if you are stabbed.

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*Blue Line Magazine*

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December 1993

Volume 5 No. 10

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This month's cover shows Chief of Police Udo Becker of the Potsdam, Germany, police Force as he is given an ariel tour of Canada's largest city. Chief Becker was the guest of Mr. Heinz Hackenberg of Unionville as he toured Southern Ontario and North Eastern United States police agencies in October.

As no police agency in Canada's most heavily populated region had a helicopter Blue Line Magazine inlisted the assistance of Eruocopter Canada to give the visiting chief a bird's eye view of the area. The Senior Vice President, Willy Heidbuechel, responded immediately with a state-of-the-art, twin engine model BO 105 LS. Chief Becker was overwhelmed by the hospitality. It was the first time a former East-German Chief of police had visited North America and Blue Line Magazine was proud to play a small roll in this historical visit.

Read more in Gary Miller's story on page 12.

Just in time for good old St.Nick's bag, is Blue Line's own Tony Mackinnon. You've laughed with him every month for the past five years between the covers of Blue Line Magazine and now is your chance to laugh some more with Tony's first cartoon book.

Ideal for your own reading enjoyment or to give as a gift, "The Great Mac Attack" gives you a great insight into humour as only completely understood by cops.

**\$6.95**



Order your copy today!

**Blue Line Marketing**

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## The Great Mac Attack!

Life viewed from behind the badge and imagination of Tony Mackinnon



"Please officer, I'll confess to anything!... Just please stop singing Achy Breaky Heart!"

When you have over 90 cartoons, drawn by a cartooning cop, it is evidence enough to prove there is a funny side to police work.

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92D Centurion shown above. Available in .40 Caliber 96D with 10+1 Capacity.

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Beretta's commitment to Canadian law enforcement is built around a full line of quality products, in-depth training and the most comprehensive product support available anywhere. To set up a demonstration, contact Beretta U.S.A. Corp., Law Enforcement Division, 17601 Beretta Drive, Accokeek, Maryland 20607, (301) 283-2191.

*Beretta D Models are available in 9mm and .40 cal. in full size and Centurion configurations. Three dot sight system standard. Tritium self-illuminating night sights available. © Copyright 1993, Beretta U.S.A. Corp.*



# Beretta

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Blue Line Magazine is published monthly, September to June, by Blue Line Magazine Incorporated with a mailing address of:  
12A - 4981 Hwy. 7 East, Ste. 254, Markham, Ontario, L3R 1N1.

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Blue Line Magazine is an independent publication designed to entertain, educate and upgrade the skills of those involved in the law enforcement profession. It has no direct control from a law enforcement agency and its opinions and articles do not necessarily reflect the opinions of any government, police, or law enforcement agency.

Blue Line Magazine is printed in Canada

**- Member -**

International Association of Law Enforcement Planners  
Canadian Advertising Rates & Data  
Periodical Publishers Exchange  
International Police Association



**CARD**

**P.P.E.**

ISSN #0847 8538

Canada Post Canadian Publications Mail  
Product Sales Agreement No. 176796

**Commentary:** By Morley Lymburner

**When is a lay-off not a lay-off?**

*When it happens to cops!*

It would appear that, in Ontario at least, the definition of "lay-off" is getting a whole new interpretation when it comes to telling police officers they are not to report to work.

Ontario's 20,000 plus police officers have been told they must take seven "unpaid days off" between last April and next March. In any other profession this would be called a "lay-off." But because it involves such essential services as police officers the Ontario Government has decided that the term "lay-off" would be far more palatable if it were described as an unpaid day off.

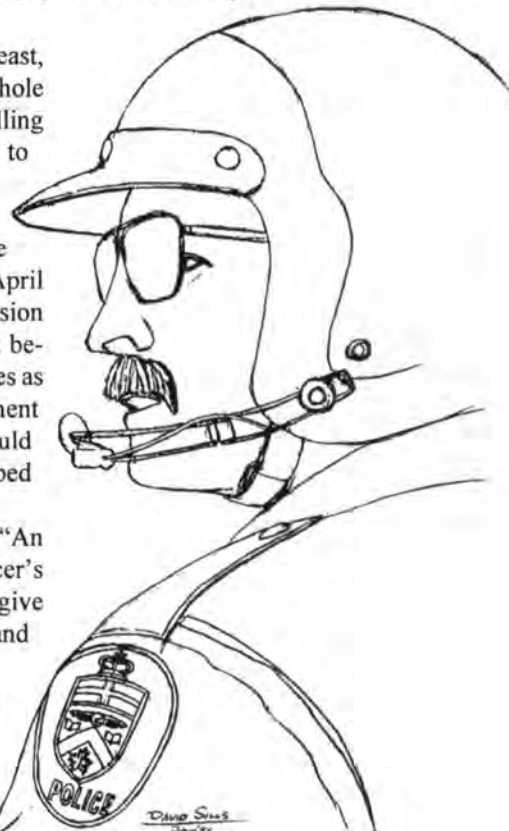
It sounds so innocent doesn't it. "An unpaid day-off". Sounds like the officer's are getting a favour. Sort of like "lets give them a few days off from the hustle and bustle of police work to just relax."

Well the political masters have not considered the repercussions on the community these officers are expected to protect. The police are the same people who are expected to create "unpaid days off" to the criminal predators who daily victimize these same communities.

To emphasize the impact this hastily thought up scheme has wrought let us consider its impact on Canada's largest municipality. Annually Metropolitan Toronto Police utilize its 5,500 strong (and getting weaker) officers to apprehend over 70,000 criminals. In addition some semblance of order is maintained in the enforcement of over 900,000 other offences and the handling of over 3 million complaints. To project the abilities of the department to accomplish their task one must draw up a budget. In the formula there must be consideration for vacation time and days off. A general rule is to have no more than 10 percent of your established strength on vacation or days off at any given time.

What the imposition of "Rae Days" did was to require an already pressed service to find the ability to do without officers when the minimums were already established, planned and budgeted for. The saving they were trying to make works out to be \$11.25 per citizen. What kind of lunacy is this?

Horror stories abound across the prov-



ince. Chiefs and Deputy Chiefs in some communities have taken over some patrol functions while in one case there were no constables working at all for a three day period when there would normally be four.

The frustrating part of all this is that police officers are a different breed than the unionized clerical staff in the public service. Police officers have a sense of loyalty and duty toward their community. They have a desire to protect the citizens of this country. Many stories have been brought to my attention about entire detachments and departments of officers in Ontario who have simply gone in to work anyway. Pay or no pay! Many more simply advised their supervisors to take the weeks pay out of their overtime accumulated.

It may be hard for many people in other professions to understand cops and this latest assault on a noble group most certainly emphasizes the need to stop and think before they are abused like this again. Cops give more than their fair share even before you ask them for their money.

# Rescue Training Package Developed For Electric Vehicles



Shown here are Chrysler's Caravan Electric (top left), General Motors Impact (top right) and the Ford Ecostar (bottom right). On the bottom left a Chrysler technician demonstrates the "refuelling" procedures for an electric vehicle. The motor vehicle industry's concerns about public safety has caused the three major auto makers to develop an emergency rescue training package for police and other first responders.

A comprehensive training program on emergency rescue techniques involving electric-powered vehicles (EVs) is being distributed by the ACTS Foundation, Inc. The materials were developed in cooperation with Chrysler Corporation, Ford Motor Company, General Motors Corporation, Detroit Edison, CALSTART, the Midwest Research Institute, and the U.S. Department of Energy.

The program is entitled "Electric & Hybrid Electric Vehicle Emergency Rescue Training" and describes a host of accident scenarios spanning "fender benders" with no injuries to serious crashes involving trapped occupants. In addition, training materials provide instruction on how to avoid electrical shock and exposure to hazardous materials. Towing and extricating damaged EVs are also covered.

The program materials focus on the EVs produced by Chrysler, Ford, and General Motors. The Dodge Caravan Electric, Ford Ecostar, and GM Impact are or will be in use by early 1994 as part of manufacturer demonstration fleets. Primarily, the vehicles will be used by major utility companies and their customers in the District of Columbia and the following states: Arizona, California, Connecticut, Florida, Georgia, Idaho, Illinois, Maryland, Michi-

gan, New Jersey, New York, Ohio, Oklahoma, Pennsylvania, Tennessee, and Texas.

The training program is available for \$75.00 and includes:

**Video and Brochure** - The 25-minute video details emergency rescue procedures involving the Dodge Caravan Electric, Ford Ecostar, and GM Impact. Vehicle design characteristics, extricating damaged EVs, and towing are also covered. A four-colour summary brochure accompanies the video.

**Instructor's Manual and Overheads** - The easy-to-follow instructor's manual is a two-hour lesson plan accompanied by 49 overhead transparencies covering rescue procedures and individual vehicle characteristics such as hot circuitry and battery types.

**Quick Reference Field Cards** - The reference cards are designed for use at the scene of a crash. Categorized by manufacturer, the cards outline the vehicle's major electrical components, hot circuitry, the manual high-voltage disconnect and airbag disabling procedures, potential fluid leaks, and more.

**Quick Reference Poster** - The reference poster presents the same information as the field cards and is designed for use in police and fire stations and near dispatchers to provide guidance to untrained rescue per-

sonnel in the field.

Assistance for this program was provided by the Lansing Police Department, Lansing Fire Department, the Oakland County Fire Marshall, Warren Fire Department, Waterford Fire Department and the Wayne County Sheriffs, all of Michigan; and AMKUS Rescue Systems of Lisle, Illinois.

The ACTS Foundation, Inc. is a non-profit organization funded by automobile manufacturers and suppliers whose mission is to provide public education on automobile safety technology issues.

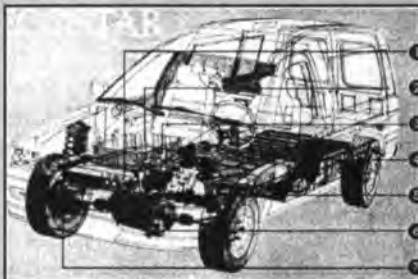
For further information about each manufacturer's EV program contact:

**Chrysler** - J. Chris Pruce  
313-576-8095

**Ford** - Jessica Hatchigan  
313-845-5746

**General Motors** - Jean Crocker  
313-528-6233

## What's Under The Hood



All three of the major auto makers are releasing a limited run of between 50 to 100 prototype electric vehicles for testing and evaluation next year. With government legislation in the United States pressing for alternative fuelled vehicles the car makers appear to be responding to the demand.

A brief overview of the vehicles appear to show some pretty good statistics and performance standards. For instance top speed of the electric cars appears to range from 113 to 120 km/h. It is pointed out in the literature that the speed is a governed top speed meaning they could go faster but the energy drain would not be energy efficient. One vehicle boasts an acceleration from 0 to 80 km/h in 12 seconds.

After 3 hours of a 240 volt recharge the vehicle's 70 hp motor will take you around 150 km. The power is delivered by state of the art Sodium-Sulphur batteries which have three to four times the storage capacity of traditional lead-zinc batteries. All vehicles appear to be adopting an aluminium body.

For further information call Ford at 800 258-3835 or GM at 800 253-5328



## BERETTA MODEL 96

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 Overall height: 5.4"  
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 Mag. capacity: 10 rounds.

### Also available in:

- Double/single action, with external safety decocking lever
- Double/single action, with external decocking lever only
- Double action only without safety (lever slick slide)
- Double action only with external safety lever

CAT. No. 0589-P09619DT



# Beretta U.S.A.



## SIGARMS

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 Overall width: 1.45"  
 Barrel length: 4.41"  
 Type: Double-action/single action or double-action only. Mechanically-locked, recoil-operated autoloader with patented automatic firing-pin lock safety.

Weight, w/o mag.: 26.5 oz.  
 Weight of empty mag.: 3.4 oz.  
 Muzzle energy: 368 ft/lbs. (depending on ammunition used).  
 Mag. capacity: 15/20 rounds

CAT. No. 0746-226-9-B

(9mm blue)

CAT. No. 0746-226-9-B-DAO

(9mm blue, DAO)



## MODEL 070 SS III™ MID-RIDE, LEVEL III RETENTION™ PISTOL HOLSTER

The model 070 features include a mid-ride, straight drop cant, a thumb break with one way directional snap, and a middle finger tab release. The molded ejection port detent provides for a rearward weapon release and its side strap and snap are designed as decoys. The SS III features wrap-around construction of thermal-formed Safari-Laminate™ materials, and the Posi-Loc Belt Loop™ which anchors the holster on the duty belt with hardened aerospace fasteners. It has molded sight track and is fully lined. Available in black with plain, basketweave or high gloss finish. CAT. No. 0736-070



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## The Dreamer's MDT Is With Us Today

Dale L. Paus

President - CriSys Limited

We couldn't help chuckling at Blue Line's "Dreamer's MDT" side bar in the October '93 article on Mobile Data Terminals. It is a very accurate description of the mobile computer system that CriSys Limited is delivering *now*, not in the future.

Based on the NEC VersaPad, our "dream machine" features;

- a 25 MHz 486SL with
- 12 MBytes of RAM (expandable to 20)
- a built-in electromagnetic digitizer for pen-based operations,
- support for PenPoint or Pen for Windows (although we use a UNIX operation system for ruggedness, reliability and security),
- an (external) 3.5" 1.44 floppy drive (external for security)
- PCMCIA slots, which can be used for removable flash memory or hard drives (again removable for security). Internal drives of up to 180 MBytes are available,
- Complete system-level power management,
- a built-in pointing device (a pen, not a miniature trackball), and
- about 4 hours of battery life.

Both monochrome and colour versions come with a dash-mount docking station, so they can be used in the cruiser or "un-snapped" and taken to the scene. The colour version weighs just under 7 lbs., and the monochrome version just over 4 lbs.

Radio-frequency and cellular modems are available, but are still bulky and real "power pigs" - they're best used in the vehicle. As RF modem technology improves, we'll see units built right in to the computer.

Both of these computers are pen-based units, and the keyboard is usually left with the docking station in the car. A small printer is usually mounted on the docking station as well.

So far we've met (or even exceeded!) all of the items on the "Dreamer's MDT" wishlist. Now we come to the last one - NATO or Mil-spec ruggedness. Sorry, but while both of these machines are rugged, and will stand up well to daily use, they don't meet military specs. These are other computers out there that do, but they are

much bigger, heavier and much, much more expensive. I'd like to suggest that at the rate that this technology changes, buying a mil-spec unit that's three times as expensive but will last through three years of abuse doesn't make as much sense as buying a standard unit that will have to be replaced in a year.

Speaking of cost, I'm surprised that your wishlist didn't address this. We've worked hard to keep our complete mobile solutions affordable, even for very small forces.

I'd also like to point out the biggest omission from your wishlist; software. The best hardware in the world won't do any-

thing for you without software. Our IntelliMap/911 system lets the "Dreamer's MDT" provide you with dynamic map displays, real-time unit locations and status (shown on the map), tactical plans, SOP guides, high-resolution mug shots and other image libraries (you can even have video playback for things like gang recognition signs), and full remote database access - all with pen-based ease of use and the high security of a UNIX operating system, and all on the dash of your cruiser.

So far from being a fantasy that you have to get "back to reality" from, your "Dreamer's MDT" is real, it's available now, and it's affordable.

**For further details call Dale Paus at (905) 895-3911 or FAX (905) 853-3440.**

## ElectroCom Is Here Today

Patrick T. Gleason

Director of Engineering - Electrocom Communications Systems  
(310) 946-9493

In the October issue of Blue Line Magazine the story on the Dreamer's MDT gave the impression that it was futuristic. I would like to introduce you to ElectroCom's Mobile Data Computer, the model 890.

The unit comes standard with a 386/25 processor but, has plug-in options to 386 DX/33 and 486 SLC/25 processors. Also, up to 16 MB ram is available and a 128 MB or 180MB built-in hard drive. Note the UPS type power supply and batteries. An external 3.5 1.44 floppy drive is available but not recommended for daily use, therefore a PCMCIA Ram memory is standard, supporting up to 32 MB removable storage cards. Four (4) serial ports are available that gives the unit the capability to interface with:

- RF modems for communicating to laptop computers this allowing them to be remote from the patrol car and still do inquiries, and with pen based units do specialized



traffic accident reports all transmitted back to the 890 for storage or transmitted through the RF infrastructure to the host Computer Aided Dispatch system.

- Camera interface with a built in frame grabber in the MDC890 to capture images for processing and eventual transmission to the host computer. This development is closely associated with require-

ments of the NCIC-2000.

- Head Up displays and GPS interfaces are already in the production units. Magnetic strip readers are also utilized easily with the flexibility of so many available interfaces.

■ This unit is being evaluated by Harris Corp., IBM, II Morrow, SAIC and our relationship with Hughes and Crimtec Corp. is well established.

I hope this gives your readers a little more insight as to where some of the MDT manufacturers are already going with more plans in the future.



# The MicroSlate Reality

David Landry  
MicroSlate  
(514) 444-3680

I read with considerable interest Tom Rataj's article on MDT's (Blue Line, Volume 5 No. 8 October 1993). It was great to see your magazine exposing Canadian police forces to the latest technology in mobile automation.

Of particular interest was the section on "The Dreamer's MDT". Since it is "time for the industry to pay attention", as Tom puts it, I'd like to show you what MicroSlate has available today.

## Feature Packed

The Datellite 400 is a modular configurable pen based computer which can incorporate nearly all the features of the dream machine: A 486SLC processor with co-processor; 9.5" black and white transfective LCD display (Software controllable settings for both indoor and outdoor use) Up to 16 MB RAM; Up to 500 MB of hard disk space (i Gigabit compressed) -1 Complete compatibility with MS-DOS/Windows, Windows for Pen, and all other Pen operating systems: Internal bay for various combinations of floppy drives, hard drives, removable hard drives, private radios, cellular network radios and global positioning systems (GPs); Highly sophisticated power management system, which allows for up to 8 hours of battery life; And, a very unique built in pointing device. The officer's finger (Or a non-tethered, non-electronic pen).

The dateline also incorporates many features of standard laptops, including industry standard ports for external keyboard, external monitor, printers and SCSI devices.

There is one feature of the dream machine that the datellite does not have -1 a colour screen. I am sure every police officer would prefer to have a colour display on their NMT, but the unfortunate reality is that all current colour LCD displays are "backlit", which means that any



Datellite 400

type of natural outdoor lighting will wash out the screen and make it virtually unreadable.

## "Ruggedized"

There must be more to a mobile workstation than product features to justify their use by police forces. The computer must also be able to withstand the brutal environment of police cars. MicroSlate knows that designing new computers with pen and touch technology for ruggedized field applications is entirely different, and far more complex than designing computers for the office environment. That is why our products are designed to meet or exceed NATO Military Specifications 810 C/D for environmental ruggedness (MIL Specs for shock, vibration, humidity, high and low temperature, and transit drop).

## Modular, Configurable

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# Christmas Past

By Dick James

Christmas does funny things to you, most of them warm - some a little sad and misty - sad when you try to hang on to yesterday as you fly into today and the future in overdrive.

Christmas lights and falling snow always make you dream - mostly of when you were a kid - when there always seemed to be more snow - drifts over your head-icicles hanging off houses so big you could use them as swords to defend your snow fort from invaders. Icicles so big because the insulation wasn't as good in the '40's and '50's - storm windows covered in frost so you could write your name.

You dream more at Christmas time. As you sit in the living room with the fireplace keeping you warm, strange things begin to happen. The tree lights get bigger... they go out of focus ... and you are a kid once again.

Those were the days. Days our kids won't believe were true - that we did walk miles in the snow to school when the temperature was below zero on a real thermometer. Our parents weren't so quick to offer a drive... there weren't free periods at school... there weren't cafeterias... a balona sandwich was real food. You don't hear "there's no food in this house"... you ate what there was and that was that... You ate to get full.

And the snow. After living in Glace Bay in the late '40's and very early '50's, we moved to Dogpatch - officially named Lakeburn. Wartime houses just below the Moncton airport where snowdrifts were higher than Dad's '41 Dodge. (Grandfather had a '50 Ford) There really was more snow way back when... but today's kids just won't believe us.

And Christmas was different. You got a book of Lifesavers as a present under a dollar or two dollars were exchanged at Church. The same thing at school where you drew names. Yuk! You got the kid you didn't like and tried to trade the name off with someone else. Parents cut the turkey in half so there'd be something for New Year's dinner too.

Grapes and tangerines were bought only at Christmas time. Grapes were eleven cents a pound... the days when bread was fifteen cents a loaf, a paper was five cents. Ed Sullivan on Sunday nights, the Rocket after nine on Saturday. Little Ricky's first

Christmas with Lucy in a Santa suit. Perry Como specials. Alice being sent to the moon by Ralph. Juliette, Whipper Billy Watson and the Plouffe Family. On radio there was Foster Hewitt and the Leafs.

We always found things to do as we waited for Santa... cartoons by the hour on television - black and white on both channels. Snowball fights until you got in deep trouble when your younger sister cried; and making forts; lying down in the snow to make snow angles.



Christmas cards galore, mailed at either two or three cents each - regular postage was a nickel but Christmas cards were cheaper provided the envelope wasn't sealed. And, mail within a few days of it being sent. Parents checking the incoming cards each day and rushing back to the mailbox in the morning to cover a friend or neighbour that had been forgotten. And of course the great old line... "They didn't send us a card... They don't get one next year."

Christmas Eve - it was always cold - it was always white. Our parents always got mad at us on Christmas Eve because we couldn't get to sleep... what kid could?

Christmas Eve was a pedestrian traffic jam on every street as families bundled up and went door to door. You might have spent the day with your neighbours and nearby friends, but that wasn't Christmas Eve. It was a severe slight not to knock on their door with a greeting

Just as serious as handing a card to the

folks next door instead of mailing it.

And, whoever heard of an artificial Christmas tree? A week before the big day, got out the hatchet, into the Dodge the two of us went... down a backroad and into the bush. The tree was cut and then tied onto the roof. No pictures, that's a '90's thing.

It was cold, but that was the easy part. Now the job of building a tree stand - two by four and a centre spike after the snow was all shaken loose... then tie the tree to the wall so it wouldn't fall over, but that's after the saw to even off the bottom from the chopping. Then came the brace and bit as mom said "It's a little empty on the right side." A branch was snipped off the piece cut from the bottom, a hole was drilled into the trunk, the spare branch was popped in and presto... a full and bushy fur tree was full and ready for decorations and lights ... once it was allowed to stand for a while so the branches could pop down into place after being all crushed up on the roof of the car.

Remember taking a spare bulb and slowly going through the set of lights to find the one that was burned out? Remember filling the oil can and flipping it over without spilling any on the hardwood floor in the living room or on the linoleum in the kitchen? Remember dumping cinders in the driveway ruts for better traction?

Remember gifts from Nan and Gramp and dad's brothers? Remember that dad always did get ties and socks and flat fifties of "Sweet Caps", "Players Plain", "Black Cats", "Buckingham", "Sportsman"...and there was BA and White Rose, Murray Westgate and Esso and later came Fina. And angel hair and spray snow that was so hard to clean off the windows. And Christmas concerts with the nativity scene and carols you practice for weeks after exams. And beautiful services... Midnight Mass and bright starry skies.

Remember Bing Crosby, Miracle on 34th Street, Gene Autry, Rudolph and in later years Miss Brenda Lee.

And, could you ever forget the greatest lines of all... "I'm warning you for the last time... If you don't behave I'm telling Santa Claus and he'll only come for your sisters... and you'll be sorry."

We knew that Santa Claus just didn't listen to what our parents said and that he'd come to us even if mom and dad did say we were bad.

And he did come. Meccano sets. Lionel trains my dad whacked me for touching because only he knew how they worked; shovels with red scoops; hockey sticks and tape. Skates, sometimes used. Mittens from

Grandmother, but always something hidden away inside. Uncle Raymond sent an Export "A" hockey calendar that had pictures of the Forum and the Gardens and all six teams in the league. Packages all wrapped in red, blue, white or green tissue paper and held together with stickers that came in bags with "to and from" tags. Mom always got things for the house-dishes, towels.

Dad's socks were called argyle.. we just called them coloured socks. And we fought to get the biggest one to leave as ours for Santa to fill... the only time of the year that you got treats... the only time of the year there were big oranges.

Mom always put them at the very bottom of the sock and you had to fight to get it out of the toe. Then came the biggest red apple... hard candy always bundled into a piece of wax paper and the top twisted off to keep it snug... chocolates... barely toys... ribbon candy... a puck... a candy cane.

Today we have artificial trees, tree lots, credit cards, snow every second or third Christmas. Cards are ten or fifteen dollars plus your right arm for postage with no



guarantee of ever being delivered. But. we have our own kids and we have our own traditions. It's our responsibility to give our kids things they will dream about as they sit by

the fireplace when they get to be our age and we are the grandparents who send surprises wrapped in mittens.

Some things don't change. They just get older and better. Christmas was probably as commercial 47 years ago when our country was smaller and there wasn't as much money to go around. But, Christmas isn't money. It's people. And hopefully we'll all be around to dream with the lights ...and the kids of all ages... the ones belted to the backseat of the '91 Caprice and the ones wrapped up with the blanket in the back of the '41 Dodge with slush coming through the holes in the floor. And a dimmer switch you kicked with your left foot.

Merry Christmas one and all!

Dream well. Each "today" we receive will be the past for our children. It is snowing out as this last paragraph is being written. Remember as you dream... and don't get upset - you can go home, but you can't go back.

*Dick James works in media relations with the Nova Scotia Ministry of the Solicitor General's Policing Services Branch. Dick assists in co-ordinating the Drinking Countermeasures program.*

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# From A Distance

By Gary Miller

Blue Line Magazine Assignment Writer



*In response to the hospitality given four visiting Canadian Police Officers to Potsdam, Germany, last spring, the Chief of Police of that city was invited to a tour of Southern Ontario and Northeastern United States police forces. To assist in the visit Blue Line Magazine made arrangements with Eurocopter Canada for an aerial tour of Canada's largest city. Gary Miller and photographer Jim Rae attended the event and filed this story.*



A few years ago at the height of the Kuwaiti war, the popular singer Bette Midler recorded an inspirational song about peace and brotherhood called "From A Distance". The song spoke of the beautiful symmetry of our globe as viewed from a distance when starkly contrasted with all the pointless strife and treachery between people and between nations down here on the ground.

I was reminded of the song recently as I flew above Toronto by helicopter, accompanied by a distinguished visitor from Potsdam, Germany, that city's police chief, Udo Becker. We were honoured to have the Chief and his charming wife Gisela, with us as our guests here in Metropolitan Toronto. Metropolitan Toronto Police Deputy Chief David Boothby kindly joined us for this day of discovery.

While the world, viewed from outer space is magnificently aswirl with greens and blues and whites, flying even just 500 feet over the earth is a rewarding sight, what with the multi-coloured mid-October foliage, still evident, and the neatly laid out streets and buildings across the Metropolitan area. We knew such apparent order did not always survive closer scrutiny down below. But, this was a day to savour.

A delaying fog had enveloped the area

in the early part of the day and stubbornly took hours to burn off. The characteristic clash between warm and cold had worked its mischief but as the thermometer continued to climb in the early afternoon, a clearing was underway.

Our small party of dignitaries waited at the Buttonville Airport located in Markham at Metro's northeast quadrant. The Eurocopter helicopter, by prior arrangement from Blue Line Magazine's publisher, was expected from Fort Erie, Ontario.

True to their word, the Eurocopter helicopter arrived and our test flights commenced. One marvels at the manoeuvrability of the machine in flight, how it can virtually stop in the sky, as if suspended by an unseen cable, then resume movement in any direction determined by the pilot. Our pilot, James Leitch, coming from years in the armed services as a career soldier and pilot, had skills and experience which can make a demanding task appear easy, and a first flight, for at least some of his passengers, safer and more comfortable. Mr. Leitch had flown the Canadian built Eurocopter model B0105 LS up from the Eurocopter Canada plant on the Ontario-New York state border.

Chief Becker was in the seat next to the pilot and Mr. Leitch gave over the controls to the Chief. In no time at all, he had



*Posing before their tour are D/Chief Dave Boothby (Metro Toronto Police), Chief Udo Becker (Potsdam Police) and Willy Heidbuechel, Sr. Vice President, Eurocopter Canada.*

mastered the feel of the aircraft as we passed the gleaming city towers and swept over Lake Ontario. After the Chief had returned the controls to Mr. Leitch, he was able to answer my queries about his police force.

Potsdam police have a strength of 2150, of whom 20% are women. New recruits are 70% women. The city of Potsdam has a population of 140,000 and is a part of Brandenburg province, which has a growing population of 2.3 million. There, as here, crime is a "growth industry" and new strategies must constantly be explored and developed.


Unfortunately, Chief Becker's whirlwind tour of Ontario and the Northeastern United States was only of a week's duration, but he was obviously enjoying what time he had immensely, aided in no small part by his host, Heinz Hackenburg, who set up the itinerary for the Chief's visit.

## Helicopters An Eventual Necessity

What does all this have to do with the policing profession? Helicopters have been with us for the better part of this century and have been viewed in the past, perhaps with reason, as more of a novelty than a practical means of resolving policing and patrolling problems. Newer craft usher in a new generation of reliability and cost effectiveness not seen in earlier versions.

Although the view from the aircraft was panoramic the applications for police forces fortunate enough to enjoy access to such a facility are obvious. The helicopter is unparalleled in search and rescue, especially where time is critical in removing the injured from an otherwise inaccessible location. The uneven terrain of much of our land mass makes a helicopter far more flexible and useful than a conventional fixed-winged aircraft away from a convenient landing or takeoff strip.

(Continued Page 14)



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**Canadian  
Helicopters**

In conversations with Chief Becker it was apparent that helicopters are a normal part of everyday policing in Europe.

Deputy Chief Boothby of the Metro Toronto Police pointed out the crucial last element. In these days of spending restraints, local police may doubtless want their millions allocated elsewhere. No aircraft are cheap. However, the Deputy himself suggested an option: of a number of regional police forces within a convenient geographical area pooling their resources on a fleet of two or three helicopters and having expertly trained crews to navigate and pilot the aircraft on an ongoing, rotating basis. This may especially benefit the Southern Ontario area since the Ontario Provincial Police Helicopter service is being moved to Orillia, in the central part of the province.

Deputy Boothby made the point that, in all major policy directions of this type, the decision is ultimately political and police personnel can never be more than in an advisory role.

Applications requiring helicopter services are, by definition, usually of an emergent nature and therefore, speed with which a craft could become airborne is critical. To serve a densely populated urban area, helicopter crews would require an intimate knowledge of its physical and geographic characteristics in order to safely manoeuvre around hazards such as utility wires and towers. Therefore local crews are better than out of town crews.

Any police service moving realistically into the twenty-first century must at least be considering the useful application of helicopters in law enforcement as it applies to traffic observation and the safe containment of criminal driving offences and activity.

Many built up areas, due to volume of traffic and poor network of roads, are reaching gridlock proportions where emergency land vehicles simply will not succeed in getting to a disaster or crime scene soon enough. The use of helicopters will quickly resolve these crises and put them into a perspective which would be impossible from the ground.

But now our flight was over. The late afternoon sun diffused into a watery sky. The 'copter was cleared to land at Buttonville Airport. Our pilot, James Leitch gave us our brief landing instructions as he guided the Eurocopter B0105 LS to a soft secure touch down. Chief Becker smiled broadly and said he would always remember this flight. So will I.

# Potsdam

*A City Of A Thousand Years*

Potsdam is right next to the city of Berlin, separated only by the Havel river and connected by the Gleinicker Bridge. This is the famous or infamous bridge at which the communists and the allies would exchange captured spies and political prisoners throughout the many years of the cold war.



Potsdam (population 150,000) is the capital city of the province of Brandenburg (population 2.6 million). Uniformed police officers in the City of Potsdam is over 2,000. This makes an extremely high police to population density and is seen as a legacy of the Communist East German situation which placed a very high emphasis on border patrol. A major restructuring, retraining and redeployment program has been progressing over the past few years.

The province of Brandenburg has a population density of 232 people per square mile. The new unified Germany itself has approximately 80 million people and is 80% urbanized. Among the manufacturers are

locomotives, textiles and pharmaceuticals. The Brandenburg gate (1770), and several palaces, including Sans Souci Palace (1745-47) and New Palace (1763-1769), were both built by King Frederick II, are among the architectural features of the

city. It is also the site of the German College of Film Art, an institute for International Relations and a history museum.

Following World War II Potsdam was included in the Soviet Zone of Occupation. In 1945 the city was the site of the Potsdam Conference. This meeting of the heads of state of the United States, the Soviet Union and Great Britain, was held from July 17 to August 2 1945, following the unconditional surrender of Germany in World War II.

At the conclusion of the meeting the Potsdam Agreement contained the principal decisions relating to Germany. Administration of the country was transferred to the military commanders of the U.S., the Soviet Union, Great Britain and France, until a new government was permanently established.

## Some Chopper Stats

The Eurocopter helicopter used in this article was the model "BO 105 LS A-3". This craft weighs 2400 kg and is powered by two 550 HP Allison 250-C28C engines. The craft has a top speed of 270 km/h (166 mph). It can climb at a maximum rate of 10.6 metres per second. At standard operating speed it consumes from \$130 to \$140 worth of fuel per hour and can fly for just over 3 hours with standard tanks. Studies place the average operating cost of this craft to be around \$2 million per year. The engine is required to be overhauled after 2,400 flight hours.

The craft can carry five persons (Pilot, Co-Pilot and three passengers). The rear entrance storage compartment is large and rec-



tangular in configuration to permit the accommodation of at least two litter patients, extra fuel tanks or convenient storage capability.

The pilot, James Leitch, served 25 years with the Canadian Forces and since 1986 has been a test pilot with Eurocopter Canada.

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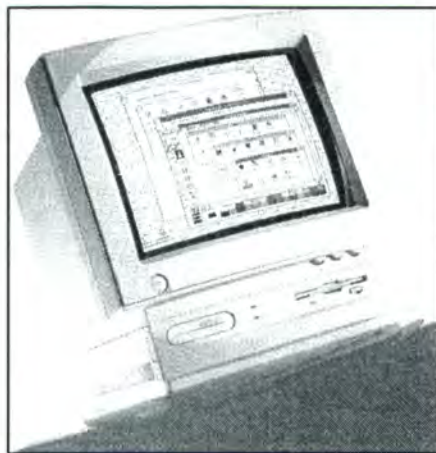
## Product Review

# Exceptional Personal Computer Comes Already Bundled And Ready To Go

By Tom Rataj

Compaq Canada Inc. recently introduced what could be argued to be the perfect personal computer (PC) for the home, home office, and the small business markets. The first machine out the door of the new PRESARIO line of PC's is the model 425, which is a somewhat unique "all in one" model featuring a single case with all the guts and the monitor built right in.

The model 425 is a 25 MHz, 486SX based machine, with 4 MB RAM (main memory), a 200 MB hard drive (BIG), and a bundle of software including MS-DOS 6.0, Windows 3.1, Quicken for Windows, and PFS-First Choice. For added value, it also includes a built-in fax/modem that includes a software package that not only sends and receives faxes, but also supports a completely electronic voice mail / answering machine that can be set-up to



Compaq Presario 425

manage up to 999 separate mailboxes.

Although this machine is aimed squarely at the home and home office market, it would even make a decent office machine because of its large hard drive, and small footprint. The \$1,999.00 suggested list price along with the extensive

energy saving hardware and software solutions make this machine a bargain. (The street price has already dropped to as low as \$1,779.00 at such retailers as the Future Shop and MultiTech).

With all the energy saving solutions up and running, it will consume as little as 21 watts of hydro in its deepest sleep mode. The machine comes standard with a 3 year Compaq warranty (one of the longest in the business), and should provide years of trouble free use as demonstrated by Compaq's track-record for quality.

### Santa Claus Pay Attention!

No need to read between the lines here ... anyone in the market for a good home computer need look no further. The Christmas of 1993 will be a memorable one if Santa drops off one of these under your tree (wink-wink, nudge-nudge, not necessary !). For more information and a test drive check this machine out at your local Compaq retailer, and if you decide to buy ... skip the extended warranty if they try to sell you one, they are expensive and not really necessary. Happy shopping!

For further details contact Compaq at  
1 800 248-6553

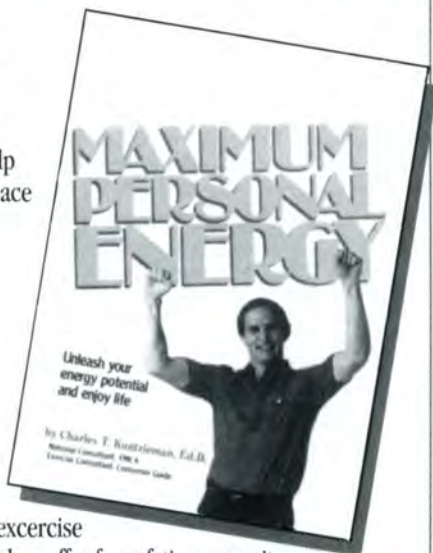
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The 1994 Team Canada Police Motorcycle Racers will be competing in France next May 9 to 12 in the 5th World Police Motorcycle Races at the Paul Picard Circuit near Nice in the Cote d'Azur. Team Canada, in conjunction with Air Canada, would like to invite you to attend this event along with the exciting races of the World Professional Motorcycle Races and the 1994 Monaco Grand Prix Car Race. You can attend these events or just enjoy the sights of France by contacting

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## New FBI Director Vows To Crack Down On Terrorism

New FBI chief Louis Freeh, in one of his first acts on the job, said he asked his top aides to give him more information on what the law enforcement agency should do to stop terrorism. Freeh, a former federal judge, prosecutor and Federal Bureau of Investigation agent who was spending his first full day as FBI director, said he considered preventing terrorism one of his most immediate concerns.

"This was a request to the FBI divisions to present me with information on what they are doing (to fight terrorism), what they may need to do, and any additional resources they may need," Freeh told Reuters News Bureau during a 30minute interview. He said the threat from terrorism in the United States was underscored by the February bombing of the World Trade Centre in New York and



a later foiled plot to bomb the United Nations building and a number of other sites in the city. "We may not see the end of such events," he said.

Freeh, who was selected by President Bill Clinton and approved by the Senate for a 10 year term as FBI chief, said he wanted more FBI agents working to stop terrorism. He said the best way to learn about possible terrorist targets would be for the FBI to use its traditional methods-eavesdropping, developing informants and witnesses, following up on searches and keeping close track of its data base. "That gives us a way to intervene, to stop events before they take place," he said.

Freeh said he would consider the options received from his top aides and then decide how to best "sharpen the focus" in counterterrorism.

## Police Martial Arts Association Founded



The Police Martial Arts Association has been established as a support and service organization for Law Enforcement officers around the World

who participate in Martial Arts. It is the first international organization of its kind. The Association is founded on the principals of Tradition, Excellence and Respect.

The Presidency Council Directors of the association are Mr. Doug Devlin and Mr. Foster MacLeod. The Association is intended to provide a forum for technical development, information resources, concerns and fraternal spirit.

There are two categories of membership: Law Enforcement membership and Associate membership (non-Law Enforcement).

For information please write to: Police Martial Arts Association: Post office Box 7303, sub #12, Riverview, New Brunswick, Canada. EIB 1VO.

## Semiautomatic Pistols Approved For New York City Cops



Glock 19



Smith & Wesson 5946



Sig Sauer P226

After more than a year of waiting, the men and women of the New York City Police Department will now be allowed to carry 9mm semiautomatic pistols instead of the .38 calibre revolvers they have carried for over 70 years.

Police Commissioner Raymond Kelly's decision came nine months into a one-year pilot program in which 1,000 patrol officers were to carry semiautomatics. The Patrolmen's Benevolent Association has consistently and strongly stood in favour of the move to semiautomatics and the rave reviews

received from the pilot program finally ended the wait.

Approximately 2,800 new recruits were given their choice of three brands of 9mm handguns. These include the Glock 19, Sig Sauer P226 and the Smith & Wesson 5946. Reports indicate that 42 percent of the officers preferred to carry the Glock.

About 500 supervisors, sergeants and special services officers are already carrying 9mm's and most transit and housing officers already carry the Glock.

New York City has 22,000 officers.

## U.N. Corruption Investigator Named

Responding to requests from the United States and several other countries, the United Nations has appointed a retired UN accountant, Egyptian Mohammed Aly Niazi, as an Assistant Secretary General with responsibility for investigating corruption in the huge bureaucracy. He will report directly to Secretary General Boutros Boutros-Ghali and have a staff of about 90 persons. The appointment followed a March report which cited widespread waste and mismanagement. Over the years, there have been widespread allegations of corruption by UN staffers in the field and an investigation concerning the procurement of helicopters is in progress. Niazi, who served 23 years with the United Nations, formerly served as the organization's senior internal auditor, and has a reputation for being "obsessed with honesty."



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# 1993 Canadian Champs Going To France



The top three winners of the Canadian Police Motorcycle Championships are shown on the winners podium. 1st place was Kevin Cisaroski (centre) Winnipeg Police, 2nd place Scott Spicer (left) Metropolitan Toronto Police and 3rd place Lance Campbell (right) Royal Canadian Mounted Police. These three officers will make part of the five member Team Canada going to the World Championships next May



The 1993 Canadian Police Officer Motorcycle Championships were held June 24 to 26 and the 3-day event hosted a total of 27 Canadian riders.

Over the three day timed laps competition the field was narrowed down to the top 18 riders who competed for the Canadian Championships on the last day of the event.

The race organizers were pleased to announce that in common with the other years of competition, although there were four minor spills, no one suffered a major injury.

The top three champions were Kevin Cisaroski, Scott Spicer and Lance Campbell. All three officers have signed up for Team Canada Police Road Race Team that will go to Nice, France for the World races being held from May 9th to 12th, 1994.

Other officers completing the race were:

- 4th - Peter Benney (MTPF)
- 5th - Steve Shadlock - (MTPF)
- 6th - Mike Jenkins - (MTPF)
- 7th - Matt Parr - (Peel Region Police)
- 8th - Wes Kudrenski - (MTPF)
- 9th - Dan Amerlinck - (OPP)

- 10th - Michael Domony - (MTPF)
- 11th - Derek Vammus - (Peel Region Police)
- 12th - Tammi Inwood - (MTPF)
- 13th - Robert MacInnis - (MTPF)
- 14th - Kevin Yeoman - (OPP)

Work has already started to obtain sponsors for the Canadian team. It is hoped that with the support of the Canadian law enforcement community and corporate sponsors it will be possible to field a five person team.

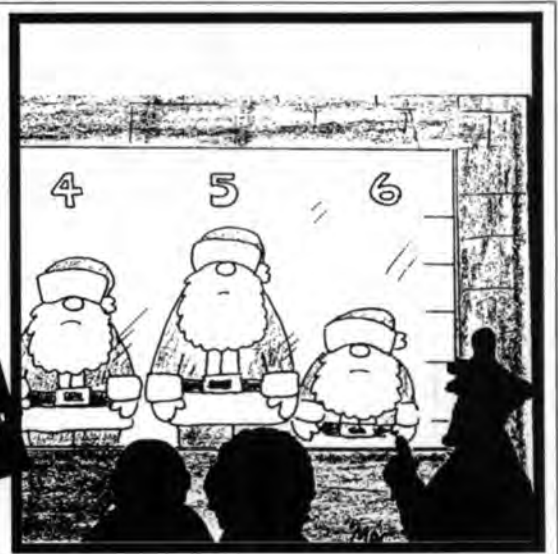
*Blue Line Magazine*

## FLASHES

By Tony MacKinnon

"Okay... Number 4, take a step forward and say, Merry Christmas, this is a Ho, Ho, Hold-up!"

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**"The Great Mac Attack"**  
Details on Page 3



# Canadian Police Race Champs To Be Guest of Prince Of Monaco

The Canadian officers comprising Team Canada at the World Police Road Race Championships will be the guests of honour of Prince Ranier of Monaco at the 1994 Monaco Formula 1 Grand Prix car race. The officers will further be honoured by being allowed a lap of honour on their race bikes around the famous Monaco circuit just prior to the start of this race.

There are also plans by the organizers for a police motorcycle rally to be held during the two weeks leading up to the World race and the Monaco Grand Prix that will involve displays of police motorcycles and participation by over three hundred police officers from many countries around the world.

"This is indeed a great honour", said Dave Stewart, Director of the Canadian Police Officers Motorcycle Championships. "We are determined to represent Canada well over there."

Anyone wishing to attend this event will be permitted a special air fare courtesy of Air Canada by calling (905) 831-2013.

# Insurance Industry Helps Consumers "Take Charge" Of Safety

There were 30,000 fires in Canadian homes in 1991 and 245,000 break-ins.

Another 248,000 people were injured in traffic collisions. Insurance Bureau of Canada (IBC) is launching a new national loss prevention campaign to help people make their own lives safer.

"We're encouraging people to take charge of their own safety at home, at work and in transit," said IBC President George Anderson at the campaign launch.

While insurance can replace the monetary value of something lost or stolen, it can never replace the sentimental value of a cherished possession or make up for the personal trauma of an accident or burglary.

The "Take Charge" campaign began in November with a series of radio programs



across Canada that offers listeners simple safety tips to be used every day. IBC will make these tips

available in written form through its consumer centres in Halifax, Montreal, Toronto, Edmonton and Vancouver.

In addition, insurance industry representatives will take the message to communities through public speaking, pamphlets and newspaper columns.

"It may seem like a minor thing to store the fire extinguisher in a handy place but away from the stove," said Mr. Anderson. "But in the event of a grease fire, it could mean the difference between life and death."

"We're working with consumers to make life safer and to avoid unnecessary and costly insurance claims," added Mr. Anderson, "because nothing replaces prevention."

Some of the many subjects talked about in the brochures include, smoke detectors, break-ins to persons away for extended periods and damage that can be done by rodents and racoons to wires and cables.

Brochure number 10 is entitled "WOOP. WOOP. WOOP." and concerns a motorist's responsibilities when approached by a vehicle with sirens and emergency lights.

It warns citizens to pull over to the side AND stop when an emergency vehicle approaches. However the pamphlet begins by stating, "If you're travelling on a city street...". It would appear that there is no such requirement outside a city. Another point missed by the pamphlet is the need to stop and pull over in both directions.

In spite of these small errors this material may be good crime prevention material to include in local media kits or for other community organizations.

For further details contact your local IBC:

- British Columbia - (604) 684-3635
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# MATERIAL DIFFERENCES

Just when you thought it was safe to go out and buy a vest... along comes Twaron



Conventional vests are getting a lot of flak from the people who have to wear them. Particularly in emergencies, they are said to be clumsy and restrict movement. When worn for a considerable time, they are uncomfortable, too heavy, and too hot. The vests are therefore either donned with reluctance or left in the locker. But what's the use of even the best vest if it isn't worn?

These problems could be solved now by the advent of vests from Twaron 2000 Microfilament (A.K.A. Twaron CT). Said to be lighter than conventional ones, they are described as softer and more flexible, and offer more freedom of movement and comfort. Akzo, the manufacturer of the material, states they're every bit as effective from a protection point of view.

Twaron 2000 Microfilament has much finer filaments than the conventional para-aramid yarns. Twaron 2000 Microfilament 930 dtex has as many as 1,000 filaments: up to 50% more filaments than para-aramid yarns of the same weight used so far.

In comparison with Twaron standard fabric, panels from Twaron 2000 Microfilament fabric achieve a weight reduction of 41%, while absorbing the same kinetic energy. The comparison is with Twaron standard fabric T-713 (1100 dtex), hitherto the most common bullet-resistant textile.

To assure an objective account of the facts, neutral institutes were commissioned to conduct the ballistic tests. As a result, Akzo's recommendations are backed by official test reports. The tests performed sought to establish two values, the limit value and the  $V_{50}$  value, defined as follows:

□ Ballistic limit value: The maximum velocity ( $V$ ) at which the bullet is stopped.

□  $V_{50}$  value: The velocity at which the probability of penetration is 50%.

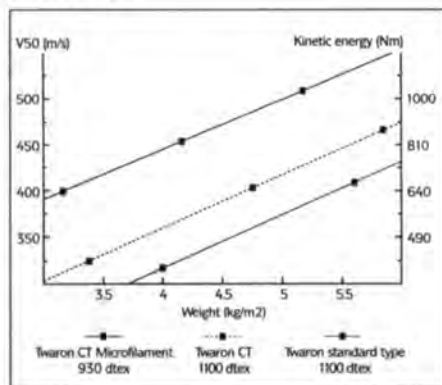
Bullet resistant vests must be 100% percent reliable in stopping the ammunition. This means that the vest must be designed for impacts considerably over the limit velocity.

The diagram shows  $V_{50}$  values for different fabric panels and contrasts the Twaron standard type and Twaron 2000 (high tenacity) with Twaron 2000 Microfilament.

For the determination of the  $V_{50}$  values, 9 mm Parabellum (VMR/WK) rounds were chosen as test ammunition. This type of bullet is specified in most standards, and test results for different bullet resistant materials are therefore available from published literature. An objective comparison of bullet stopping performance is thus possible.

The weights of the panels in the finished vests constitute a realistic basis for the comparison of bullet stopping performance. The panels must survive a defined threat.

In the case of the vests used for testing, this means they must be in conformity with protection class I of the German police. Panels from Twaron 2000 Microfilament meeting this condition are 23 percent lighter (see Table).



In the microfilament vests, stitching of the panels is largely unnecessary. All this means a lighter, softer and less cumbersome vest affording the same protection.

The use of the microfilament yarn also enhances wearing comfort. This is a feature likely to be acclaimed by all users of body armour.

## A Material Difference

Twaron was first offered for use in ballistic applications in 1986. Within a short period, worldwide qualifications for police and military were achieved. In subsequent years Akzo became a major supplier of ballistic aramid fibres both within Europe and in the rest of the world. These fibres find use in the vests and helmets used for personal protection in hostile and dangerous service conditions.

In 1991, Akzo launched Twaron 2000, a high-tenacity aramid fiber. This fiber



allowed a significant step forward to be made in the field of ballistic protection. Impact resistance was markedly improved by an increase in the tensile strength and the modulus at nearly constant elongation.

An entirely new approach is Twaron 2000 Microfilament. A further increase in energy absorption has been achieved by the higher number of finely spun (micro)-filaments contained in the yarn, offering considerable improvements in body armour. Akzo has been granted a patent covering the use of microfilament yarn in ballistic protective vests.

## Successful in the Market

After an intensive research and development period commercial production of Twaron started in 1985. The polymer - the raw material for Twaron - is produced in Delft, Holland, while the fiber is spun at Emmen, Holland. From there Twaron is shipped to countries throughout the world to be used in a wide variety of applications.

Twaron is marketed worldwide by Akzo, with the exception of Japan where Twaron is sold by a joint venture established together with Sumitomo Chemicals. Sales and marketing as well as technical services (including laboratories) for ballistic applications are located in Wuppertal, Germany. The ballistic activities of all national Akzo organizations and sales offices are coordinated from the Wuppertal offices.

## Twaron, Characteristics and Properties

Twaron is one of the most recently developed high-performance manmade fibers, the para-aramid fibers. This fiber is

characterized by its high tenacity and modulus of elasticity, low density as well as high energy absorption. Some of the specific qualities are briefly discussed here.

**General characteristics of Twaron:**

☐ **Mechanical and dynamic properties:** high tensile strength, high tensile modulus, low density, good vibration damping, high energy absorption, high toughness, low fatigue

☐ **Chemical properties:**

good chemical resistance

☐ **Thermal properties:**

high heat resistance, low heat expansion, low heat conductivity

☐ **Electrical properties:** good dielectric properties

☐ **Textile properties:**

high flexibility, high abrasion resistance, wear comfort

**Akzo Worldwide**

Akzo, the Dutch-based multinational company, is active in the fields of chemical products, fibers, coatings and healthcare products. It operates in 350 locations in 50 countries, with 62,500 employees.

Akzo is one of the world's leading producers of manmade fibers. It is the only chemical company in the world which supplies traditional fibers like rayon, polyester and polyamide, as well as advanced fibers including aramid and carbon fibers.

Twaron, Akzo's high-performance aramid fiber, is used in automotive applications and machine building, for leisure articles and protective clothing, ropes, optical cables, friction materials and sealings, as well as impact resistant materials.

**Customer Oriented Problem Solving**

The technical and commercial assistance for Twaron, from the fiber to the end product and even further, (e.g. recycling) underlines the efforts of Akzo to be the competent partner for developing ballistic protection of people and objects.

The quality oriented work of production, R&D, quality assurance and technical assistance has been recognized by the awarding of the ISO 9002 standard.

**For further details contact:  
George Perkins at (404) 929-8686  
FAX (404) 929-8138**

**Proof Is In The Doing**



During the 1992 Olympics Akzo sponsored a bicycle team that rode from Arnhem (Holland) to Barcelona (Spain). The company supplied the team with tires constructed with

Twaron-reinforced beads and carcasses. The result! They could have left their tire patch kits at home. The tires are so tough they can survive tests which include over 50,000 load pulses. A conventional bicycle tire can barely make 25,000.

Some other uses for Twaron includes reinforcement for brick walls, hoses and cables as well as entire van and truck bodies. Twaron material is the first material of its kind ever used on the load bearing parts of a vehicle's chassis.

At the time of writing this article it was not confirmed which companies in Canada were actively incorporating this material in their products but more information may be coming in the next issue of Blue Line.

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# Police Congratulated For Using Video Tape Lineup

The Ontario Court of Appeal has approved the police practice of secretly filming criminal suspects to produce a "Video-tape lineup" for identification purposes.

The case came about when the Gloucester, Ontario, police video-taped a robbery suspect walking down a station hallway and then added footage of other people in the same setting. This, in effect, created a video-tape version of the standard police lineup.

Defence counsel argued that the video-tape should be inadmissible because it had been produced after the accused refused to participate in a conventional in-person lineup. But a three-judge panel led by Mr. Justice George D. Finlayson ruled that the secret use of video camera equipment was neither illegal nor contrary to the accused's Charter rights. The judge suggested that video-taping was analogous to fingerprinting or still photography and so could be performed without the suspect's consent.

Justice Finlayson applauded police for the new procedure, suggesting that it could be used in future cases without the offer of a formal police lineup.

Crown counsel Shelley Hallett said that the Parsons decision appears to be the first to consider the idea of a video-tape lineup, and should encourage other police forces to try the procedure.

She added that the video-tape procedure has advantages that should make it a

more effective investigative tool than the traditional in-person lineup. For example, police don't need to assemble all the people for the lineup at once, since they can be video-taped at different times. Witnesses will be less intimidated watching a video-tape than confronting the suspect. And they will have an opportunity to view the video-tape several times and be able to feel less stress than in the personal line-ups.

On September 13, 1988, Mr. Parsons and three other suspects were arrested at a house in Ottawa. The four were charged with a variety of offences stemming from the robbery of an Ottawa restaurant and a Gloucester bank. Mr. Parsons refused to participate in an in-person lineup after consulting a lawyer.

Police video-taped each of the four suspects as they were escorted down a long corridor in the police station, on the way to the room where they were photographed and fingerprinted.

Later, police took videos of nine other people (who resembled the suspects) walking through the same hallway.

The final 45 minute tape was shown to witnesses. Mr. Parsons was tried and convicted on charges relating to both robberies and given a 24 year prison term.

On appeal defence counsel argued that the video-tape lineup violated the accused's rights under ss. 7 and 10(b) of the Charter. Counsel noted that the Supreme

Court of Canada had ruled that the accused does not have a legal obligation to participate in a police lineup.

In his decision Mr. Justice Finlayson cited *R. v. Shortreed* (1990), 54 C.C.C. (3d) 292 where an Ontario court of appeal had decided police could photograph a suspect in public without his consent as long as they used "non-intrusive" methods. The fact that police later added footage of other people to the video-tape did not make the original procedure invalid.

Mr. Justice Finlayson stated, "I am of the view (that) the video-tape in the case on appeal has more probative value than other methods of photographic identification..." He continued to answer questions about rights violations by adding other people to the video by stating, "If film of the suspect alone is not a violation of the suspect's constitutionally protected rights, it can hardly be argued that the same film, when shown in conjunction with film of other persons taken under similar circumstances, constitutes an invasion of his Charter rights."

He also noted police were entitled to video-tape suspects without making the offer of a standard in-person lineup. "Use of a video camera is an example of police using modern technology as an aid to criminal investigation and it is neither illegal, nor an unwarranted intrusion upon the person of the suspect." He concluded that the procedure had many advantages over an in-person lineup. Not only did it provide an opportunity to see the suspect in motion, but it was in a form that could be viewed repeatedly by trial counsel and the jury.

Mr. Justice Finlayson continued by stating, "In my opinion, what the police did in adopting this filming procedure constituted an appropriate balancing of the rights of the suspects with the need of the police to proceed with a criminal investigation."



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# Seven Ontario Officers Honoured For Bravery



Sergeant Rudy Kofler of the Metropolitan Toronto Police, who was previously presented with the Canadian Bankers' Association award of bravery was one of seven Ontario officers honoured by Ontario Lieutenant Governor Henry Jackman with the presentation of the Ontario Medal for Police Bravery in a ceremony which took place on November 17th.

On the afternoon of December 22, 1992, Sergeant Kofler was shot at three times by an armed bank robbery suspect he had been pursuing on foot through the streets and back alleys of Toronto.

Even though he was exposed and in grave danger, Kofler was unable to return fire because he spotted two children in a playground directly behind the gunman.

The gunman ran and was apprehended shortly afterwards by Kofler and two other officers.

The Ontario Medal for Police Bravery was established in 1975 to recognize the acts of superlative bravery, undertaken without concern for personal safety, and focus public attention on the vital and frequently dangerous duties of the police.

To date 87 police officers have been honoured with these medals by the Province of Ontario.

Solicitor General David Christopherson conducted this year's investiture ceremony in the main lobby of the Legislative Building in Toronto on Wednesday November, 17. Lieutenant Governor Henry N.R. Jackman presented each recipient with a specially designed medal in the shape of a cross, one of the traditional symbols of valour.

The seven police officers honoured were selected by the Advisory council chaired by the former commissioner of the Ontario Provincial Police, Archie Ferguson.

Police Constables Eric Bohn, Todd Hillhouse, Joel Kulmatycki and Joseph Labelle of Metropolitan Toronto Police

Force were also honoured.

Shortly after midnight on January 21, 1993, Police Constables Bohn, Hillhouse, Kulmatycki and Labelle were first to arrive on the scene of a fire and saw smoke and flames issuing from the apartments above three attached stories in downtown Toronto. Knowing that the building was still occupied, the four officers rushed into the burning and guided the residents through dense smoke to safety.

In the early morning hours of December 1, 1992, Police Constables Alexander Smith and Gregory Payne were honoured after they saved a woman who was about to commit suicide by jumping off the Bloor Street viaduct. Payne jumped up on the railing, grabbed the unsuspecting woman and with the assistance of Smith, who also climbed the railing to hold onto Payne, pulled her to safety.

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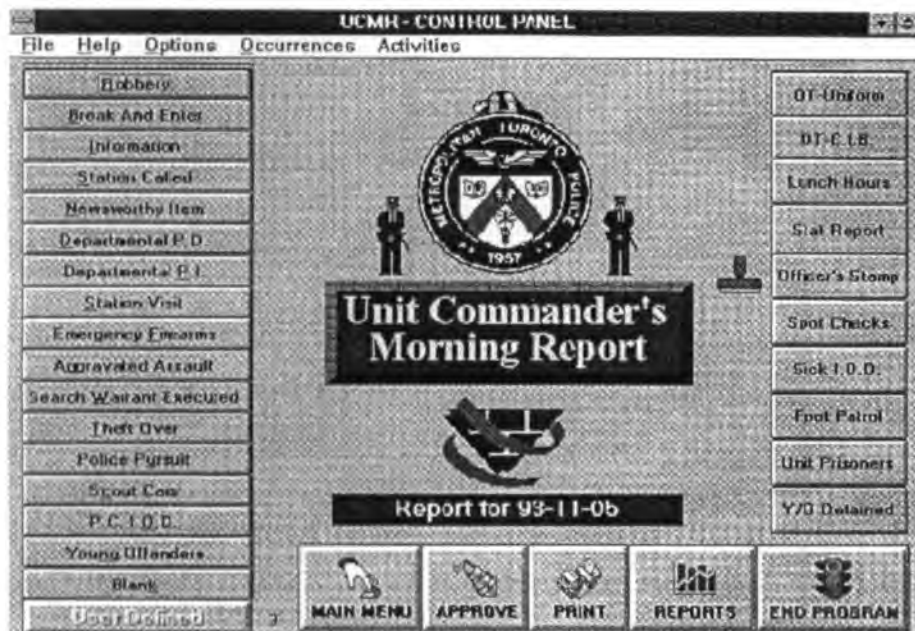


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## Computer Program Uses Best of Technology To Streamline Daily Data Flow



In a move to modernize and speed up the production of the unit commander's morning report (UCMR), the Metropolitan Toronto Police Force recently began to pilot a computerized method of preparing their daily occurrence reports. The pilot is part of the Force's *Beyond 2000* initiative designed to provide effective, flexible, and efficient delivery of community based policing.

Written in-house by programmer Mark Davenport, of the Force's Computing and Telecommunications Unit, the program takes advantage of the Microsoft Windows graphical user interface (GUI).

Windows was chosen because of its easy point and click environment that bypasses all the clumsy and difficult to learn command line programs of yesterday. It was chosen not only because it allows fast training of all personnel, thereby reducing training costs, but also because many personnel are already familiar with it. The basic training in both Windows and the UCMR can be accomplished within 2 hours.

The basic specifications for the program were developed by studying the existing "paper and typewriter" process as typically used at all field units. Mark then set out to write the first draft of the program

using Microsoft Visual Basic. This allowed Mark to rapidly develop the program from the basic conceptual outline into a fully functional program without manually writing all the code. Revisions and fixes were also a snap to make, allowing rapid response to the user's needs and requests.

After field testing the program at a number of units, some minor fixes and a variety of enhancements were made to the program to better reflect the variety of specialized needs requested by the units not involved in the specification process.

### So What Does This Thing Do?

What the UCMR program does is allow the station duty personnel to quickly assemble all the information required or requested by divisional unit commanders. Throughout the day, each shift adds all the usual information to the program, and the night shift does the final wrap-up of the report.

Beside capturing major criminal occurrences and arrests, other events, overtime, unit prisoners, and a variety of statistical and performance information, the program also allows platoon sergeants or staff sergeants, as well as unit commanders to

quickly assess and compare a wide variety of statistical information. Using the built-in reporting feature of the program, they can easily compare this statistical and performance information by what ever date range they chose.



The program produces a report that numerically displays all the information by platoon, and provides an average for all five platoons. Below the numerical display it produces a stacked bar graph based on the numbers. Using this feature, the user can quickly assess specific performance

or other statistical information without waiting weeks to get a forty page report with the information buried in a sea of numbers.



### The Pilot Project

During the initial stages of the project, each unit received a DELL 486P25 computer (a 486 SX 25mhz) running MS-DOS 5.0 and Windows ver. 3.1, along with a Hewlett Packard Laser-jet 4 printer. This hardware is located at the front desk area of the station where the station operator personnel normally laboured over a typewriter to produce the paper based UCMR.

In the test division, the UCMR ran on a local area network (LAN). Future stages of the project will likely take advantage of a LAN to share the information collected by the program. This will allow various users



throughout the station to add their information to the system. The unit commander or anyone else can then review the completed UCMR on their computer for up to a year later by simply entering the date.

The final stage of the project will likely integrate the program into the corporate data base, providing live, on-line data to all users up to and including the Chief of Police.



## Hardware & Software Required

The minimum requirements to run the UCMR program are a 386 IBM compatible computer with 4mb of memory, a colour VGA monitor, and 4mb of free hard disk space for the program files and about 40mb of free disk space for a year of user

files. A Hewlett Packard Laser Jet III or 4 (or compatible) printer, is required for printing (if you really need to), and MS-DOS 5.0 and Windows 3.0 or later need to be loaded and running.

The program is configured to allow easy installation by the user. The installation procedure generates its own Windows group and icons. The latest version of the program also provides the user with a basic on-line help system designed to help solve a variety of minor problems.

Future enhancements will sport a spell checking feature for textual areas of the report, and the ability to export information from the program to spreadsheets such as Microsoft Excel and Lotus 1-2-3, for more advanced data analysis and manipulation.

Further information can be obtained by forwarding your inquiries to Mark Davenport at the Computing and Telecommunications Unit or Staff Sergeant Mike Matulewicz at Field Operations care of Chief of Police Wm. McCormack, 40 College St. Toronto, Ontario, M5G 2J3 (416)324-2222.

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## Up-Coming Events

January 4 - 8, 1994

### ASLET Training Seminar Washington - D.C.

The American Society of Law Enforcement Trainers will hold its 7th annual International Training Seminar. Participants will be able to attend over 80 different classes and any one of eleven training tracks. For further details call ASLET at (302) 645-4080 or Fax: (302) 645-4084.

January 27, 1994

### Cellular Fraud Seminar Toronto - Ontario

Hosted by the Cellular Telephone Industry Association, this one day seminar is presented for law enforcement personnel only and there is no charge to attend. The event will take place at the Toronto Board of Trade at 830 Dixon Road. Sponsored by Bell Mobility and Rogers Cantel the guest speaker will be Dennis Walters of Walters, Moore and Wilkinson. This person has extensive experience in the investigation of Cellular Phone fraud. To register contact Warren Leonard (416) 798-5061.

February 2 - 5, 1994

### Women In Law Enforcement New York - N.Y.

The New York City Transit Police will host the second annual "Women United In Law Enforcement Conference. This event is designed to address the unique challenges faced by women in law enforcement on professional, social and personal levels. Workshops have been designed to expose attendees to state of the art techniques and pertinent world issues affecting every member of the community. For further details contact Janice DiLemmo (718) 330-4503.

May 25 - 27, 1994

### Radiocomm '94 Vancouver - British Columbia

"Wireless Communication - Canada's Growth Industry" is this year's theme. This is Canada's only show dedicated to mobile communications and is sponsored by the RadioComm Association of Canada. The event is expected to draw thousands of delegates from across North America and Pacific Rim countries. For further details call Harley Austin or Yvonne Hircock (416) 252-7791 or Fax (416) 252-9848.

June 27 - 29, 1994

### Ontario Association of Chiefs of Police Trade Show Oshawa - Ontario

The OACP will hold its annual Trade Show in conjunction with its annual Conference. The Trade Show will be held at the Durham College Campus with accommodation being held at the Holiday Inn, Oshawa. The Trade Show is expected to draw over 90 companies and the show is open to all police, fire and ambulance personnel for the entire three-day show period.

June 27 - July 1st, 1994

### CIS-MOIA Training Conference Windsor - Ontario

The Canadian Identification Society and the Michigan/Ontario Identification Association will be holding their annual training conference in Windsor. The conference is being hosted by the members of the Windsor Police Forensic Identification Branch. It will be held in the newly renovated Cleary International Centre with hotel accommodations at the Windsor Hilton Hotel. The event is expected to draw 200 delegates who will deal with the latest

in forensic technology concerning several scientific and technical disciplines and put that knowledge to use in workshops.

For additional details contact Sgt. Al Brown or Mike Skreptak at (519) 255-6645 or (519) 255-6646.

August 17 - 21, 1994

### CATAIR AGM '94 Mississauga - Ontario

The Canadian Association of Technical Accident Investigators and Reconstructionists will be holding a four day seminar/conference hosted by the Ontario Provincial Police on the subject of "Human Factor Influencer in Traffic Crashes. For further details on the seminar or on becoming a member contact Bob Scott (905) 874-3147 or FAX (905) 874-4032.

August 30, 1994

### Canadian Association of Chiefs of Police Trade Show Montreal - Quebec

The CACP will hold its Conference and Trade Show at the Queen Elizabeth Hotel in Montreal. The Trade Show portion of the conference is opened to police personnel only. The trade show normally attracts over 100 companies with products and services of interest to the law enforcement community. Further details to follow.

## For Sale

Video Tape Package to implement Community Based Policing is available from the Edmonton Police Service.

The package, entitled "Community Based Policing - The Edmonton Experience", includes a 15 minute video and material designed to assist other agencies that are planning to implement Community Policing. The Community Policing Package is priced at \$120.00 Canadian. For further details, write to Community Policing Office, Edmonton Police Service, 9620 - 103A Avenue, Edmonton, Alberta T5H 0H7, Phone (403) 421-2351 or Fax (403) 421-2808.

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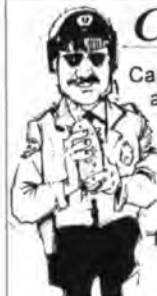
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# Beretta Now Has Full Size Knives With Compact Weight

Beretta U.S.A. has introduced the new series of Airtight lockback knives that feature all the benefits of a full-size knife but with the weight (2.5 oz.) of a compact.



for easy one-hand opening. The tough Zytel body is also available in red, green, yellow or gray on the 30% serrated blade model.

Each Airtight features a distinctive

Beretta medallion made of a copper gold alloy embedded in the knife body.

For those who prefer a traditional look, the Airtight is available in two solid blade models that feature a false ground edge.

For more information on Beretta knives, contact the sales department at Beretta U.S.A., 17601 Beretta Drive, Accokeek, MD 20607, (301) 283-2191.

The blade of the new Airtight models has been "skeletonized" to remove excess weight so the knife is comfortable to carry.

But, with the 440c stainless steel blade and matte black Zytel body, the Airtights retain the strength and rugged durability of Beretta's full size knives.

The Airtights are available with plain edge, 30% serrated or 100% serrated blades that include an ambidextrous thumb stud

## Puncture Resistant Glove Available



Pendragon Medical Inc. of New Market, Ontario announces they are presently carrying the "Searcher II" cut and puncture resistant glove.

The glove, with a suggested retail price of \$40.00, is coated with a thin but flexible rubberized puncture resistant material over the palm and finger areas. The glove is woven from Kevlar fibre by DuPont and is said to be ideal for searching and shake-downs. It is also body fluid repellent and is washable and reusable.

For further details contact Tanya Dykes at (905)895-3180 or FAX (905) 895-4870.

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# Drug Wars A New Strategy Board Game Intended To Teach Positive Role Model

General Games Inc., a new company in the toy industry, introduced its new boardgame, "Drug Wars" The Police Game last month.

As its first entry, this game is unique in its awareness of the ongoing war on drugs in the streets. The game offers 98 life-threatening scenarios where the player, as a police officer, and his/her fellow officers lives are at risk at every turn of the cards.

"Drug Wars" The Police Game is said to be a game for all ages, relying on a balance of luck and strategy, combined with a fast-paced game play.

In the game, the player is a police officer in charge of a drug raid team and responsible for the safety and lives of his/her fellow officers. If the player makes the wrong choice, a fellow officer may die, but, make the right choice, and it could be the arrest to win the game.

The game is "pro police," and offers positive role models. This is a game which is said to be for adults that children can play, and a game for children that adults can play.

The product carries a manufacturers suggested list price of (US)\$29.95, and is available after Nov. 1, 1993, at local toy stores and retail stores. It is presently unknown which Canadian stores will be carrying it but to order from the company direct, call 310-806-2475.

"This game was designed to support your local police departments and put you in the same life-threatening positions as a police officer, while conducting a deadly drug raid," said Ana Maria Rothenhausler, national marketing manager for General Games Inc.

"This game is needed because it makes the general public aware of the risk in-

involved in being a police officer on a day-to-day basis," according to Vera Luna, Los Angeles Police Department.

Every person from time to time has wondered what it would be like to be a police officer on a drug raid- well now, General Games states one can experience it without the risk.

The game can accommodate two to six players, ranging from age 10 to adult. It contains 98 life-threatening scenarios, 36 individual officer profile cards, 36 SWAT cards and 12 court ruling cards.

Blue Line spoke with Manny Villagran, designer of the program.. He states he does not have police training but obtained most of his information from public libraries and police information. He states the game is essentially non-violent in that the police never shoot anyone but do get shot at. The goal of the game is to pull off a successful drug raid with no officers hurt, the suspect arrested and subsequently convicted with solid evidence. Blue Line has not seen the game as yet.

Contact. Manny Villagran of General Games, Downey, California at .(310) 806-2475



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## Five veterans you can count on

### The Annotated 1994 Tremear's Criminal Code

*Mr. Justice David Watt and Michelle Fuerst*



This ground-breaking annotated Criminal Code for the 1990s is now fully revised and updated — all legislative amendments passed as of June 24, 1993 and case summaries reflecting significant appellate decisions up to July 1993 are included. Each section of the Criminal Code is comprehensively annotated

with succinct digests of leading decisions, extensive textual cross-references to related provisions, and Justice Watt's commentary on the section's practical operations.

0-459-55753-X softcover August 1993  
1700 pp. \$30  
Available on standing order.

### Annotated Police Services Act 1993

*Mr. Justice John F. Hamilton and Bruce R. Shilton*

This portable, annotated guide to interpreting the *Police Services Act* provides the legal framework governing police officers and police services in Ontario.

The legislation sets out the duties of police officers and governs what happens if officers do not discharge their duties and are charged with misconduct. The work also sets out the procedures for dealing with public complaints regarding the conduct of police officers.

0-459-55661-4 hardcover 1992 172 pp. \$36  
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### The Police Officers Manual, 13th Edition

*Gary P. Rodrigues*

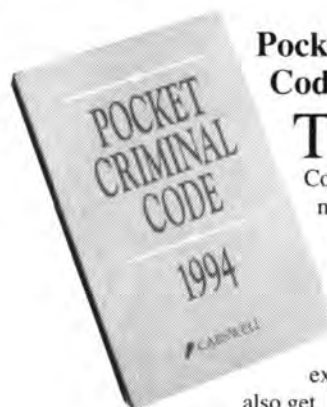
This manual provides a summary of the criminal law of Canada, designed specifically for police officers, and arranged in a handy encyclopedic format.

The 13th edition incorporates the recently enacted law-and-order amendments to the Criminal Code including the new offences of criminal harassment; making, distributing or possessing child pornography; and the intercepting and misuse of cellular telephone communications. Extensive amendments to the Firearms and Weapons Offences, and Wiretapping Offences are included in the updated coverage of those offences.

The new edition has been redesigned to more clearly highlight the text of the statutory provisions, and a comprehensive index has been added to facilitate accessing the sought-after information.

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### Pocket Criminal Code 1994



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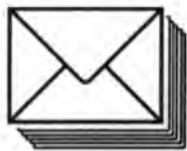


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## Letters To The Editor

### Blue Line Editor Was Tactful

I am sitting here looking at both September and October issue's (Vol.5 No.7 and Vol.5 No.8) "Letters To The Editor" and cannot help but feel the person responding to the editor was reading a different reply to his request than I did.

The person replying uses words such as "degrading", "assaulting" and "homophobic". I did not get these impressions after reading the editor's response. I read the comments of an individual who happens to disagree with a particular lifestyle. These comments, I feel were expressed in a very discreet and tactful way.

Has our society "progressed" to the point where someone cannot disagree with another persons point of view or lifestyle? If the verbal disagreement is vicious degrading or insulting then, yes, a word such as "bigotry" would apply. However this was far from the case and I thought the reply was very tactful.

I would dare suggest the writer does not seem to have come to grips with his own sexuality and is not able to accept any negative opinion no matter how tactfully it was put. Maybe he can use some counseling from his own support group.

*Name withheld by editor*

### Thank You For Your Response

This is the first time I have ever written a "letter to the editor", but your reply in the September issue to the person from Gay CUF prompts me to write. I wish to say a very bit "Thank you" for your response. As indicated by some of the letters you published in the most recent Blue Line (October Vol.5 No.8), it is very refreshing and heartening to see someone with influence, saying a resounding "NO" to another homosexual group once again asking for special attention. If only our elected politicians would have the same backbone.

I am not homophobic, as your detractors try to depict you in their letters to the editor, rather, I am a married man with two small children who happens to believe that homosexuality is deviant and abnormal behaviour, not an alternate lifestyle as these

vociferous groups try to make it out to be. As some people have said, God made Adam and Eve not Adam and Steve.

I know that you will be placed under a lot of pressure from various homosexual organizations and groups to print an apology. Do not bow to the pressure. There are a lot more of us out here who support your position than there are against you; unfortunately, not all of them will take the time to write and let you know this.

Regardless of any boycott this is one peace officer who will continue to read your publication faithfully; if the detachment happens to cancel its subscription, theirs will be replaced by mine!!

Let these other groups whine and cry and threaten; you stood for what you believe and are to be commended for it. Thank you for stating publicly what many of us cannot. Keep up the good work and stand firm.

*Phil Strohschein  
Barriere, British Columbia*

### Thanks For Malinois Story

I am writing you in regards to your article, "A Breed of Their Own". (November 1993 Vol.5 No.9). I would like to thank you for recognizing an amazing breed of dog, the Belgian Malinois.

I would like to take this opportunity to

mention that the Belgian Malinois is just one of four types of Belgians. These dogs are actually Belgian Sheepdogs: this breed consists of the Belgian Malinois (a short hair, black on fawn coloured coat), the Belgian Terveren (a long hair, black on fawn coloured coat), the Laekenwold (a curly haired, black on fawn coloured coat somewhat lighter than the previous dogs' coats) and the Groenendale (a long haired, solid black coat).

As an owner of a Canadian Champion Belgian Malinois, I am quite aware of what these dogs are capable of doing. One of my dog's litter brothers serves in the RCMP along with numerous other Malinois'. These dogs are intelligent, hard driving, protective, alert and, if socialized properly, they are very friendly. They are very quick to learn and if one is willing to take the time to obedience train their Malinois, they make a great companion.

The RCMP have been using the Malinois as police dogs for quite some time now and do their training out of their facility in Red Deer, Alberta.

Thanks again for recognizing an awesome herding and working breed. As more forces get to know this breed, I am certain that they will realize just how valuable and hard working these dogs are and how much they can give to the area of police work.

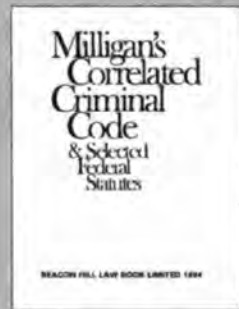
*Patti Adams  
Emerson, Manitoba*

Blue Line Magazine has come into a limited supply of The Ontario Highway Traffic Act. This version is completely up-to-date with R.S.O. 1990 along with its related regulations.



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Blue Line Magazine also will be marketing the Milligan's Correlated Criminal Codes starting in December. This 1994 Version is available on an individual basis or we can take bulk orders. There will be more information about this text in the January issue.



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