

FOCUS ON TECHNOLOGY: SWAT/TACTICAL EQUIPMENT

P&SN

**Police
and
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News**

JULY/AUGUST 2018
VOLUME 34 ISSUE 4

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- ◆ Present-day perceptions of the police

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Our goal is to uncover facts, information and to get to the truth. The question is how do we get there?

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Body Armor Update: 201822

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The 25th Annual Report on the Latest Advances in Ballistic Armor Technology and Design

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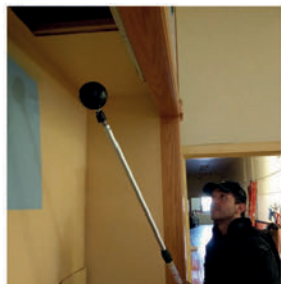


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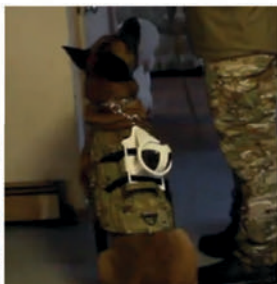


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...AND
NOTHING BUT
THE TRUTH

It's all relative.

Ramesh Nyberg



Isn't it? I mean, EVERYTHING – it's all relative to your personal perspective. The idea of “wealth,” for example, has a different meaning and different threshold of net worth, depending upon where you live, how old you are and a bunch of different factors.

For the past several years, we've been hearing this wave of antipolice vocalists, all chanting how horrible and brutal and corrupt and oppressive American police are. To that I say, “Hmm, drop into Haiti sometime or India or Saudi Arabia or Thailand or the Philippines or...” Jeesh, this list could get pretty big.

Even more recently, our government has been accused of being cold and heartless, and it has been accused of “ripping” children from the arms of their loving mothers. I don't even have to do a “relative” comparison here. Let's just look at that accusation by comparing it to ourselves and our everyday lives. If Joe can't find a babysitter for his nine-year-old son, he just might have to take him along while he delivers those four kilos of heroin to his buyer. The police swoop in and, suddenly, Joe is in handcuffs. Do they let Joe go because he has a child with him? No. Do they let the nine-year-old go to jail with Dad, so they don't get separated? No. If they can't find a family member to watch the kid, he goes to some form of child protective services and he's well cared for. But, he *is* separated from his father.

One step further: The police raid a house they've been investigating for a month and take Mom and Dad to jail because they've been trafficking out of the house. The residence is full of product, money, scales, guns, a ledger with the sales recorded, the works. Do the kids get arrested? No, but the parents do, don't they? So, they are “ripped” from their parents, I suppose.

My point is this: In this country, kids are separated from their law-breaking parents all the time, every day. Every one of those parents knew the risk of doing the crime and they did it anyway. I'm certain that most, if not all, of those illegal

immigrants knew they were also breaking the law or they wouldn't be doing it in such a stealthy manner.

I distinctly remember a Colombian man about 40 years old in our homicide office whom we had just arrested on a cocaine trafficking-related murder. Back in the early 1980s, seemingly decent, well-off men living in the suburbs of Miami were involved in all kinds of dangerous activities in order to quickly make a few thousand bucks. We all watched as the mother was allowed to bring the son – who was about nine years old – up to the homicide office to hug his dad. The kid was crying and so was the dad. It was a sad scene and all of us who had kids felt a bit of heartache for the little guy who had no idea his dad was involved in anything. The boy would soon be traveling to a state prison somewhere to see him. This is one of the tragic by-products of crime – innocent people who suddenly are made aware that the person they love had a double life and the family is now irreparably fractured.

Mexicans and other foreign nationals who illegally cross our border are also creating that same potential tragedy every time they knowingly bring their children with them as they are ferried across by unscrupulous traffickers who sap them of their last peso and will happily sacrifice them if detected by the Federales. Talk about heartless.

So *why* do they do it? They do it for the same reason so many Cuban immigrants braved the treacherous, shark-infested waters of the Gulf Stream and came to Florida in rickety boats and inner tubes: The lives they were living in their home countries were miserable, dangerous and run by ruthless, heartless and corrupt governments. That's why they came *here*. Risking death and arrest – and having their children “ripped” from them – is worth being in the land of opportunity, the land of plenty, the land which has a Constitution it strives to abide by, for *everyone*, even them.

Do you want to blame someone for their plight? Blame *their* governments, their rulers and politicians who line their

pockets and live like royalty while they, the peasants, stand in line for a bag of rice and a chicken which they are supposed to feed their kids for the rest of the month. Blame the Mexican “government” which allows places like Juarez to have the highest murder rate in our hemisphere – Juarez, a place where people don't go out at night for fear of catching a stray round, or being kidnapped and forced into prostitution or the drug trade; a place where dead bodies in the street is an everyday sight. The streets of Chicago are a picnic compared to that hellhole.

And, as far as “heartless” goes, listen to the story of Victor Barroso, Jr., a young Cuban man I met a couple of weeks ago. While he was visiting family in Cuba, he was in a horrific crash. He survived the accident, but his four friends were all killed and he lost massive amounts of blood, along with his right arm. After multiple surgeries to save his life, he was able to be released from the hospital and was promptly put in jail by the Cuban police who decided that he was responsible for the accident. There was no trial; no lawyer; he was just thrown in jail – for *two years*.

He's back in the US now and his nightmare is over, though his struggle is not. He's trying to get a robotic arm, but his insurance hardly covered anything, so he's trying to raise money so he can live a more normal life. Google “See Beyond You” or his name and you'll find a way to contribute, if you feel so moved. He's a really nice kid – he attended our BNI (Business Network International) meeting to tell our members about his charity. Before he sat down, he said, “Enjoy life – life is a beautiful gift.”

Yes, he's right, but it's a lot easier to say that when you're north of the border.

P&SN

Ramesh Nyberg retired from law enforcement in November 2006 after 27 years in police work. He now owns his own private investigation agency, Nyberg Security and Investigations, and can be reached at Ramesh@NybergPi.com. He enjoys getting feedback from readers.

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Supervisory Success for New Sergeants

Michael Carpenter

Photo Credit: Lori Iverson USFWS

Congratulations are in order to the police officer who gets promoted to the rank of sergeant. All of the hard work, study, preparation, and career planning finally paid off!

However, about the time that the last set of chevrons are sewn onto the uniform shirt, most newly promoted sergeants start to feel a little funny. The “funny” feeling is usually a combination of being nervous, happy, worried, and excited...all at the same time. All new sergeants wonder how well they will handle their new role. Do “it” right and being a supervisor can be a very rewarding job, but do “it” wrong and it may become a nightmare.

In addition to carrying three extra stripes on your sleeve, new sergeants face a major transition in their lives. Sergeants are no longer employees – they are supervisors. They are no longer “grunts” – they are the “boss.” They have more to worry about than themselves. They have to worry about the shift and every employee on the shift. This is a major adjustment for most police officers. Of course, every other sergeant has gone through this same transition, but we want your transition to be successful.

New sergeants have to shift mental gears (this may be the hardest thing to fully understand). They must think differently because they no longer live in the “I” world. The “I” world is where many officers live. “What do I need to do to keep the sergeant off my back?” “Do I really need to write a report for this complaint?”

“How can I cover my backside?”

New sergeants have to leave the “I” world because they have to take care of three separate groups of people: their subordinates, their superiors and themselves.

All of these groups are equally important and all demand a certain amount of time and attention. Picture a triangle with three equal sides. Ignore or mistreat any of these three sides and you will immediately start your new supervisory career off-balance. Let’s give you some advice on working with each of these groups.

Working with Subordinates

Your subordinates are your most valuable asset. How well a new sergeant gets along with the shift; how much they respect those new stripes; how much they want to work for the new boss depends on how they are treated as *people* – not as workers. If a new sergeant lacks people skills, he (or she) better get some quick! Police officers can make a boss look very good or very bad – very quickly.

Communication with subordinates is critical for the success of a new supervisor. Effective communication is perhaps the quickest and easiest way of showing the officers that their new boss cares about them. The first step is to show them that the boss is receptive and is willing

and able to communicate. New sergeants must take the first step...and maybe the second and third step, if necessary, to develop strong relationships.

Sometimes, new stripes inflate egos. New sergeants have been known to carry around “heavy stripes.” They expect people to step aside when they walk into a room, call them “Sergeant” (even around the coffee pot in the patrol room) and treat them “special.” “I’m never going to be like that when I get promoted...that’ll never happen to me!”

Well, you can avoid this “power trip” with a strong dose of humility. Start by asking questions. You have a LOT to learn, especially if you get transferred to a new shift or a new assignment. By asking questions, new sergeants can find out their own strengths (use them) and their weaknesses (work on them – don’t ignore them). Smart supervisors should also learn enough about their subordinates to find out their strengths and weaknesses, but should not use their weaknesses against them. This will guarantee an enemy for life and no one, especially a new sergeant, can afford that.

If new sergeants use their strengths and their employees’ strengths, they will be successful. If new sergeants recognize their own supervisory weaknesses and take steps to improve their weaknesses and

those of their subordinates, they will also be successful.

The number one priority for new sergeants should be to build and maintain strong positive and productive relationships with each employee. Don't ignore the people you may not like or may not know much about. Put this on top of your list. New supervisors cannot succeed if their employees are not behind them. Police officers will not stand behind a sergeant they don't respect. Respect cannot be bought – but it can be earned!

Working with Management

New sergeants must also work with management. One of the most important lessons that new sergeants can learn is to be loyal to the boss. There may be disagreements between management and supervisors over a particular policy or a decision, but supervisors must show loyalty when explaining it to their officers. If sergeants show a negative attitude about explaining a new policy, the officers will show a negative attitude when, or if, they carry it out.

Keep in mind that the commanders in an agency need good supervisors as much as good supervisors need good commanders. Management's job is getting things done and management knows that good supervisors are the key to getting things done. New sergeants must remember to treat their commanders fairly and never embarrass them – either intentionally or accidentally. They need to know what is going on and they don't like surprises. Keep them informed.

New sergeants have to learn how to satisfy both their boss and their subordinates. As a supervisor, it is important to keep the boss happy. The transition to becoming a successful supervisor will be very difficult without the support of management. However, new sergeants also need to protect their subordinates. You have a difficult task – to satisfy the needs of management – but you also have to make your officers' jobs easier,



not harder. New sergeants should keep negatives to a minimum; expect some mistakes from your subordinates; stand up for your officers if false accusations are made; praise subordinates in front of others, but don't let the tightrope you're walking as a new supervisor tip in favor of your subordinates and possibly ruin

a good working relationship with management.

Part of being a successful supervisor is becoming a buffer between two very important groups of people. Ignore either and you're risking failure.

Working with Yourself

New sergeants must learn to help themselves. This begins by learning to work with others. By sharing your time, resources, knowledge, and ideas, new sergeants will become valuable and respected. Good supervisors work with subordinates to improve their skills; they

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work with management to make the bosses look good; and they work with their fellow supervisors to make things run smoothly. Smart supervisors don't expect anything back, but, sometime in the future, they will need *and get* help from these same people.

New supervisors should be realistic about themselves and others. They don't make excuses about mistakes; they state the facts, accept full responsibility and learn what not to do next time. Bosses expect mistakes, especially from new supervisors. They may not like mistakes or want mistakes, but everyone realizes it is part of learning.

Also, new supervisors should expect mistakes from their subordinates. Police officers who don't make mistakes don't do anything! Smart sergeants will take positive corrective action so mistakes are not repeated, but they won't destroy their relationship with their subordinates by embarrassing them publicly, name-calling, talking trash behind their backs or ignoring a weakness which the employee may have. Intentionally ridiculing or embarrassing a subordinate will create an

enemy for life.

New sergeants need to set goals for themselves, both short-term and long-term. How can they get better? Where do they want to be in five or ten years – and what steps do they need to take to get there? A successful career needs constant attention and sometimes new sergeants focus too much on the other groups (management and subordinates) and forget about themselves.

If a police department cannot, or will not, spend the money or time on supervisory training, then smart supervisors will spend and invest their own money because they realize that it is *their* future. There are many seminars, videos, books, or college courses available to improve the skills of a supervisor. Successful supervisors invest in themselves. If new sergeants do not progress, they will regress.

There isn't a magic formula for new supervisors to become successful. There isn't an 800 number to call; there isn't a DVD to buy to learn supervisory skills in ten days or you get your money back;

and there isn't a "quick-fix" cure over the weekend. Learning to be a good supervisor involves a combination of experience, common sense and a willingness to learn. It is a learning process which must be worked on continually.

New supervisors have been compared to new parents – neither think they are really ready; they are never quite sure what the job is all about; and they're never sure how good they're going to be – but, if new sergeants aren't afraid to ask for help, are flexible and are willing to accept new challenges, they'll do just fine! **P&SN**

Note: *Police Management Services, LLC is pleased to announce to the readers of P&SN that it is offering a new online supervisory training program. Successful completion will give students three Continuing Education Units (CEUs). For more information, please check their Web site at <http://policemanagement.com/expert.html>, or you can reach them by E-mail at MCarpenter@policemanagement.com, or by phone at (518)761-9708. Also, see their ad in this edition of P&SN.*

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- Vehicle specific dash mounts for the touch screen display available for numerous models of Ford, Chevrolet, Dodge, and Nissan.
- Display, mount and peripherals can be bundled into a mobile office solution or purchased separately.

Learn more at havis.com

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FOCUS ON TECHNOLOGY

SWAT/Tactical Equipment



New Bipod

B&T Industries, LLC has recently introduced their new and highly anticipated **CAL** (Cant And Loc) **bi-pod**. The range of support is 4.75" - 9" with a wide stance which ranges from 9.75" - 13" and delivers 30 degrees of cant which is controlled by the authentic Pod-Loc. The **CAL** has the patented 45 degree leg positions and "hold what you move technology." This new bipod is designed, manufactured and assembled in America.

Circle 4009 for More Information



Broco Ultimate Breacher Tool

The **Ultimate Breacher Tool (UBT)** is multipurpose – designed for both first responders and SWAT personnel alike. It is a single tool which combines four tools into one: a sledge, pry, ram, and rake. It is both easy to carry and use.

The pry tool portion of the **UBT** is tapered and angled, and the tip can be used for lateral spreading.

The sledge is the head of the **UBT** and can be used as a hammer to break, bend and open, and used with a Halligan. The **UBT** becomes a door ram when reversing the grip and swinging across the body. The rake has been incorporated to the underside of the pry tool to allow efficient clearing of broken glass and other debris.

The **UBT** is offered with a "D" handle for law enforcement (14 lbs.) and a straight handle for SWAT (12 lbs.).

Circle 4010 for More Information

Hydraulic Multipurpose Tool

The **StrongArm™** is a portable hydraulic power tool from Hurst Jaws of Life which is utilized in a variety of tactical applications. With a built-in Picatinny accessory rail and a four position handle, the **StrongArm** cuts, lifts and spreads, replacing crowbars, halligan bars, wire cutters, and more. It can quickly cut through 3/8" rebar, grade 43 chain and two-by-four wood.

Its compact, portable design makes it easy to carry and allows it to fit into tight spaces. The **StrongArm** weighs 21.4 pounds and comes with two sets of tips, two lithium ion rechargeable batteries and one charger.

Circle 4011 for More Information



Two New Surveillance Devices

Bounce Imaging provides tactical, throwable, ball cameras which feature multiple lenses and sensors. A new **4G-LTE version of their camera** now allows teams to stream video to a cloud server from the ball directly without the need for a nearby user. This greatly increases range and allows others to see what the officer is seeing. Their cloud server uses 256-AES encryption to relay the video and, if desired, to securely store the video for download by authorized users.

Also new are both **K-9 mounts and a dedicated K-9 camera**. This new system offers 360 degree visibility and improved stability – delivering greater capabilities than other K-9 cameras currently available. Because dogs and vests vary in size and shape, Bounce Imaging 3D-prints the mounts in carbon fiber reinforced plastics which are very light and strong, ensuring a proper fit.

Circle 4012 for More Information

Modular/Scalable Armored Protection System

Tactical & Survival Specialties, Inc. (TSSi) has announced that the Department of Homeland Security Immigration and Customs Enforcement (ICE) has awarded TSSi a five year contract for a **modular and scalable personal protection system**.

TSSi and its partners, including Point Blank Enterprises, Revision Military, Crye Precision, and others, are providing enhanced ballistic protection using a spectrum of protective plates – from lightweight speed plates to Level IV rifle plates. In addition, TSSi partnered with two helmet manufacturers in order to provide three state-of-the-art helmets. All helmet systems will include accessory packs.

The TSSi **modular and scalable protection systems** offered will be issued to Special Response Teams (SRT) within ICE. The ICE SRTs function as SWAT teams and are trained to deal with extreme and/or dangerous situations.

Circle 4014 for More Information



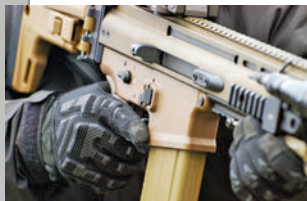
Vertx® Tactical Gloves

Vertx has announced the launch of a new tactical glove line. This new line consists of four innovative styles, including the **VaporCore™ Shooter, Rapid LT, FR Assaulter, and FR Breacher**.

All four gloves share similar features, including articulated precurved fingers which provide fit and dexterity needed for comfort and functionality. Strong hook and loop wrist closures ensure a secure fit and double needle topstitch reinforcement in all key areas maximizes the glove's lifespan.

The gloves mimic human skin through the use of natural goatskin suede, enabling a better sense of touch. The middle finger and thumb also include conductive touchpoints for use with smartphones and other touchscreen technology.

Circle 4013 for More Information



Sightmark Citadel Riflescopes

Sightmark's new **Citadel** line of premium riflescopes offer affordable, precision performance for cost conscious law enforcement personnel.

Citadel riflescopes provide features traditionally sought after by next level shooters. The **Citadel** rifle scope line is comprised of three variable magnification models: 1-6x24, 3-18x50 and 5-30x56LR2 rifle scope.

All models feature a fine etched, red illuminated reticle with 11 brightness settings; premium, fully multi-coated glass for razor sharp clarity; single piece, 30mm, 6061-T6 aircraft-grade aluminum tube; throw lever for rapid magnification changes; IP67 waterproof, dustproof, fogproof and shockproof reliability; flip-up lens covers; and a lifetime warranty.

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Hard Armor Plates

Hardwire, LLC offers some of the lightest weight and most cost-effective **body armor plates** currently available. Designed to fit into most plate carriers, these hard armor plates do not degrade, surviving the harshest conditions. All plates are made in the USA using 100% Dyneema® materials, and are available in single and multicurve configurations.

Circle 4016 for More Information



Improved Dual Mode Thermal Camera

From Zistos Corporation, the improved **Dual Mode Thermal Camera** (THC-51D) now has a built-in high gain audio microphone which allows an operator to listen for a hidden subject and to toggle between the thermal mode and a covert, IR illuminated camera. The thermal camera detects hidden or obscured individuals, while the high-resolution, low light IR illuminated camera provides more details of the surroundings.

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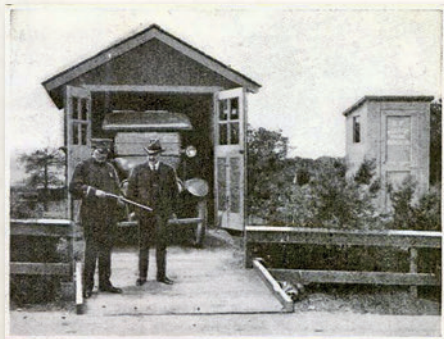


Photo: Popular Science

California police looked for stolen cars from this roadside station and thefts were reduced.

In California (circa 1920), automobile thefts were becoming so common that special car thief catching stations (like the one shown here) were being erected on the outskirts of San Francisco.

Each station was connected by telephone to police headquarters and, as soon as an automobile theft was reported, details of the car's make and model were furnished to the men in charge. All cars of the same make as those reported stolen were stopped and inspected. Unfortunately, there were plenty of Ford Model T automobiles on the road at that time. A standard joke during that era was attributed to Henry Ford: "A customer can have a car painted any color he wants – as long as it's black." Needless to say, the officers assigned to the auto theft division likely put up with a lot of grief from innocent motorists. **P&SN**

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A photograph of Sergeant Bill Bonaguidi, a man with short brown hair, smiling and looking slightly upwards. He is wearing a white police uniform with a Highland Park Police patch on his right sleeve and a sergeant's rank insignia. His arms are crossed. The background is a blurred outdoor setting with trees and a building.

SERGEANT BILL BONAGUIDI
HIGHLAND PARK (IL) POLICE DEPARTMENT

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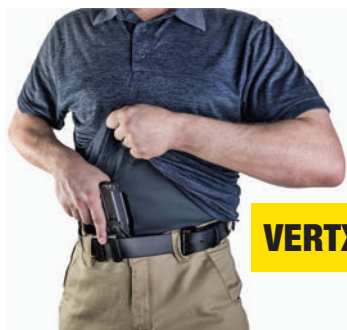
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Circle 4020 for More Information

PRODUCT HIGHLIGHT



VERTX®

Vertex has announced a new line of shirts designed to comfortably carry concealed weapons and gear. The collection includes the new **Guardian** button-down style shirt and the **Assessor** polo. Both feature 37.5® Technology woven into their fabric which helps to regulate the body's core temperature. The **WeaponGuard™** feature protects wearers from skin irritation caused by carrying concealed weapons without an undershirt.

The **Guardian** shirt has a button front, pullover design for effortless donning and includes snap button closures at the bottom of the garment to provide easy access to concealed weapons.

The **Assessor** polo features a traditional polo design with an athletic fit and it also has a semicompression underlayer which is designed to remain tucked into the pant, protecting the wearer from skin irritation.

Circle 4021 for More Information

PROPPER®

Propper International has recently introduced the new **Class B Uniform** for law enforcement departments. The new woven shirt and lower profile tactical pant come in both men's and women's versions and meet the requirements for spec in many US police and sheriff's departments.

Offered in poly/cotton twill or ripstop, the pants and shirt both feature a Durable Water Repellent (DWR) finish to ward off spills and dirt. Pintucks and collar stays keep the shirt looking sharp, while an oversized 2¼" reinforced waistband on the pants helps support a duty belt.

The **Class B Uniform** pants and shirts, in long sleeve and short sleeve, are currently offered in black, LAPD navy and khaki.

Circle 4022 for More Information

Police Apparel and Accessories

DICKIES®

Intended for stealth movement, the Dickies **Covert Ripstop Pant** is built to remain inconspicuous. Large hidden pockets at the back yoke and side leg provide easy access storage space without blowing your cover.

With a well-styled covert appearance built with tactical utility in mind, this **pant** makes it easy to move from undercover work to off duty. Durable water-repellent fabric technology means precipitation and spills slide right off.

A welt magazine pocket at the yoke seam keeps ammo secure and accessible, and L-shaped pockets in the front keep your knife safely secured.

Circle 4023 for More Information



DESANTIS GUNHIDE®

DeSantis Gunhide has recently introduced nine holster fits for the SIG SAUER® P365. The **#105 Intruder®** is designed for both concealment and comfort. It is adjustable for both height and cant. The **#M65 Invader™** is a comfortable synthetic IWB tuckable holster. The body pad is built from edge bound neoprene, ballistic nylon and other materials.

The **#M78 Infiltrator™ Air** is an IWB holster which is adjustable for both height and cant. The front holster component is precision molded KYDEX® and the back component is all synthetic and "breathable" material. The **#137 Slim-Tuk™** is a minimal ambidextrous IWB holster fashioned from KYDEX. It uses a tuckable 360°™ C-Clip which affords the wearer unlimited mounting options.

Additional holsters which fit the new SIG P365 include the **#042 Facilitator™**; the **#138 Intimidator 2.0™**; the **#146 Raptor Holster**; the **#147 SL Raptor™**; and the **#D94 DS Paddle™**.

Circle 4024 for More Information



TRU-SPEC®

Two new colors, Earth and Spruce, have been made available for the original **24-7 Series® Tactical Pant**. Designed with an engineered dimensional fit which is just right for on-duty or off-duty wear, these pants include features like a comfortable slider waistband; deep cargo pockets which are designed to accommodate a concealed weapon; and reinforced knees which are designed with special pockets for inserting pads. Providing both utility and comfort, the original **24-7 Series** are made from 6.5 oz. 65/35 polyester cotton ripstop fabrics which are Durable Water Repellent (DWR) coated.

Circle 4025 for More Information

SMITH & WESSON® FOOTWEAR

The new **Breach 2.0 Side-Zip**, from Smith & Wesson Footwear, offers an outstanding combination of construction, durability and price. The **Breach 2.0** features a



leather and nylon construction which is designed to provide full protection without compromising on comfort. A gusseted tongue keeps dirt and debris out. Its EVA midsole provides lightweight comfort and cradled support, and a steel shank is included for added support. Board-lasted construction creates a torsional rigidity which reduces foot fatigue during long work shifts. The rubber outsole is engineered to minimize traction loss with a unique pattern which grips dirt, waxed surfaces, fences, and other surfaces which may be encountered.

Circle 4026 for More Information



Department of Justice Announces the First Grants under the STOP School Violence Act

On June 7, 2018, Attorney General Jeff Sessions announced the U.S. Department of Justice's first grants under the Student, Teachers and Officers Preventing School Violence Act of 2018 (STOP School Violence Act of 2018) at the 24th Annual Joint Conference of the Montana Association of Chiefs of Police and the 88th Annual Montana Police Protective Association.

The STOP School Violence Act of 2018 appropriated funds for both the Bureau of Justice Assistance (BJA) and the Community Oriented Policing Services (COPS) Office to improve school safety programs.

The BJA was appropriated \$50 million dollars as part of this Act and has two solicitations which are currently available for states, units of local government and federally recognized Indian tribes.

Up to \$25 million is available through this year's COPS School Violence Prevention Program (SVPP). More information can be found at <https://tinyurl.com/y7f7f7fh>. **P&SN**



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Circle 4028 for More Information

ABOVE AND BEYOND

HONORING THOSE WHO TAKE RISKS AND SAVE LIVES

“Above and Beyond...” salutes Trooper Henry (Hank) Roanhorse of the Arizona Department of Public Safety

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by
Don Lomax

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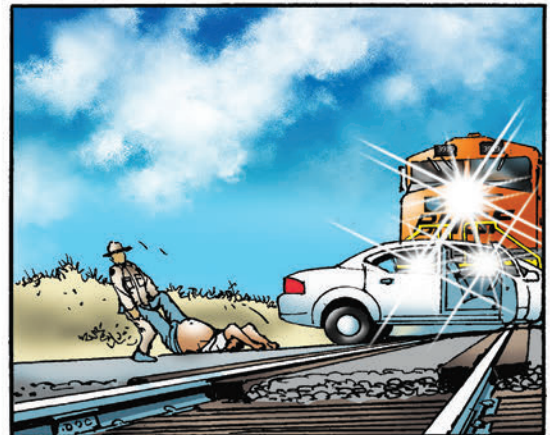


HENRY (HANK) ROANHORSE, A NORTHEASTERN ARIZONA-BASED TROOPER, WAS DRIVING HOME AT THE END OF HIS SHIFT WHEN HE CAME ACROSS A VEHICLE STUCK ON RAILROAD TRACKS WHICH GENERALLY CARRIED A LARGE VOLUME OF HIGH-SPEED TRAFFIC.

APPROACHING THE VEHICLE, TROOPER ROANHORSE FOUND AN UNRESPONSIVE MAN BUCKLED IN THE DRIVER'S SEAT AND REEKING OF ALCOHOL. THE TROOPER CLIMBED INSIDE THE AUTO TO UNHOOK THE MAN'S SEAT BELT.



IN THE PROCESS, TROOPER ROANHORSE LOOKED UP TO SEE A BNSF TRAIN COMING AROUND A CURVE AND APPROACHING AT A HIGH RATE OF SPEED! THE TROOPER STRUGGLED TO PULL THE OBESE MAN, WHO HAD REGAINED CONSCIOUSNESS, FROM THE VEHICLE! NOT GRASPING THE SITUATION, THE MAN FOUGHT WITH ROANHORSE THE ENTIRE TIME.



THE TRAIN BRAKES WERE SQUEALING AS IT STRUCK THE VEHICLE, CARRYING IT APPROXIMATELY 150 FEET DOWN THE TRACK BEFORE THE SEVERELY DAMAGED AUTO CAME TO REST!

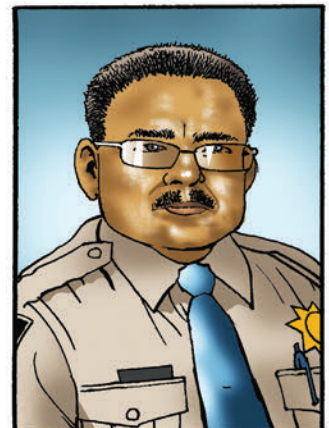


THE MAN APOLOGIZED TO TROOPER ROANHORSE WHEN HE REALIZED THE SERIOUSNESS OF THE SITUATION.



THANK YOU, OFFICER, YOU JUST SAVED MY LIFE.

EXPERIENCE, TRAINING AND A BURNING NEED TO SERVE COMMUNITIES DEPENDING ON THEM ARE THE FOUNDATION FIRST RESPONDERS, LIKE ARIZONA STATE TROOPER HENRY ROANHORSE, RELY ON WHEN SPLIT SECOND ACTION IS CALLED FOR. PUTTING THEMSELVES IN DANGER TO SAVE A LIFE IS JUST PART OF THE JOB FOR THOSE ACCUSTOMED TO SACRIFICING—ABOVE AND BEYOND.



THE END



NRA

2017 Law Enforcement Officer of the Year

During the early morning hours of July 7, 2016, officers of the Bristol, Tennessee Police Department were dispatched to a local Days Inn motel to a report of shots fired.

Upon arrival of the officers, shortly after 2:00 AM, Sergeant Mathew Cousins, the second of three officers to arrive, discovered spent .223 shell casings on the ground. Realizing that the situation was very serious and the suspect was apparently armed with a rifle, Sergeant Cousins returned to his vehicle to obtain his patrol rifle while at the same time alerting other officers of the situation.

At this point, Sergeant Cousins observed the shooter emerging from behind a nearby auto parts store apparently to ambush the officers from behind. The suspect was armed with a rifle and a handgun.

Sergeant Cousins immediately challenged the suspect and ordered him to drop the weapon. The suspect ignored the commands and opened fire on the officers.

All three officers returned fire striking the suspect causing him to fall to the ground. Even though he had been wounded by the police gunfire and is on the ground, the suspect continued to try and fire his rifle at the officers.

Sergeant Cousins advanced on the downed suspect during an intense gun fight and the suspect was taken into custody.

Only when the gunfight had ended was it determined that Sergeant Cousins had suffered a minor gunshot wound to his leg.

The clerk at the Days Inn had suffered multiple gunshot wounds and was immediately transported to the hospital.

The suspect survived and it was later learned that he had fired several rounds into passing cars on an adjacent four-lane roadway, killing a local paper carrier, Jennifer Rooney.

The suspect also admitted to "being in a rage" and that his attack was racially motivated.

Thanks to Sergeant Cousins' quick observation of the spent rifle casings and realization that the suspect was armed with a rifle, as well as, his quick response to obtain his patrol rifle and the fact that he spotted the suspect moving in from behind the officers to ambush them, he prevented further injuries or deaths.

Additionally, Sergeant Cousins' decision to advance on the downed shooter, who was still firing at the officers, turned the tides on the gun fight, which resulted in the quick resolution to the matter.

As such, it is with great honor and pride the National Rifle Association names Sergeant Mathew Cousins as the 2017 NRA Law Enforcement Officer of the Year.



Sgt. Mathew Cousins
Bristol Tennessee
Police Department

"The five million members of the National Rifle Association are proud to honor Sergeant Cousins as the 2017 NRA Law Enforcement Officer of the Year," said NRA President Pete Brownell.

"Sergeant Cousins' courageous response to an armed threat to fellow officers and innocent lives reflects the highest standards of professionalism and training in law enforcement, and epitomizes the selfless service and bravery of police when facing immense danger in the line of duty."



Forms for nominating candidates for the NRA Law Enforcement Officer of the Year Award may be downloaded at <http://le.nra.org/documents/pdf/law/leoy.pdf>.

For more information about NRA's Law Enforcement Officer of the Year Award and its Law Enforcement Division, call (703) 267-1632 or send an e-mail to LE@nrahq.org.

Circle 4029 for More Information

Rebecca Waters

BODY ARMOR UPDATE: 2018

The 25th Annual Report on the Latest Advances in Ballistic Armor Technology and Design

While great leaps in technology and product development are rare in any industry, each year sees stepwise improvements in existing product lines and the emergence of new products offering novel features, often developed in response to specific industry needs. This year was no different in the body armor industry where a plethora of small changes promise to improve the comfort, design or effectiveness of ballistic armor.

NIJ Standard 0101.07

Expected to be released late this year, the National Institute of Justice's revised ballistic-resistant body armor standard (0101.07) will roll out a new naming convention, retiring the current numbered threat levels. Handgun threats (soft body armor) will now be represented by the letters HG, with HG1 and HG2 replacing Level II and Level IIIA, respectively; and

rifle threats (hard armor) will be represented by the letters RF, with RF1 and RF3 replacing Level III and Level IV, respectively. An intermediate threat level, RF2, will also be introduced and the number of soft armor levels are to be reduced.

In addition to a revised nomenclature, the new standard introduces a test protocol for shaped or female body armor under which it will be tested against the same ammunition used to test planar (not shaped) armor. A different shot pattern will more fully test female armor designs. Test protocols for conditioned armor panels will also be more stringent, with the new standard requiring them to be shot at the same velocity as nonconditioned armor.

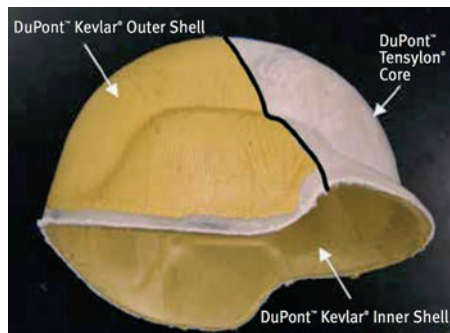
Damage Control

Having body armor X-rayed for damage is a costly inconvenience, but engineers at Cardiff University and California-based Microsemi collaborated on the development of A-Ultra, a handheld system which uses ultrasound to check personal protective gear for damage. While developed for military use, this device has obvious appeal for use by law enforcement as well.

Material Advances

DuPont™ Tensylon® HA120 is a new material for helmets which provides ballistic protection while weighing up to 40% less than traditional helmets. Optimizing the performance of traditional Tensylon solid-state extruded UltraHigh Molec-

ular Weight PolyEthylene (UHMWPE) film technology allows manufacturers to make lightweight ballistic helmets with superior protection from bullet penetration and low Back Face Deflection (BFD), in a single-step processing cycle. To improve mold release, bonding to paint and abrasion resistance, a Tensylon HA120 core can be co-molded with outer skins of woven fabrics made with Kevlar® fiber. (dow-dupont.com)



DuPont™ recently announced a new lightweight innovation for tactical helmets.



The new Level III tactical shield from ATS weighs 15 lbs.

New Ballistic Protection Products

ATS Armor™, LLC

The ATS Armor Level III Double Cut Shield is a 15 pound tactical shield which defeats 5.56 x 45mm, 7.62 x 39mm LC

and 7.62 x 51mm (.308) rounds. The shield is offered with an optional 6" x 4" viewport. (atsarmor.com)

Armor Express

New from Armor Express is the Hard Core PT which features a lightweight, low profile architecture with fully adjustable shoulders and waist; a durable 500D nylon front and back shell; top loading exterior front and rear rifle plate pockets; and ambidextrous front utility pockets. Also included are an upper pocket with a pull tab; mic attachment points; front and rear hook and loop placard attachment points; and a reinforced drag strap. The Dynamic Cumberbund System, with soft armor pockets, allows the user to breathe and move more efficiently. It is available in a number of colors.

Custom-fitted solutions are a central



The Hard Core PT offers a low profile architecture.



The American Revolution's low profile shoulder padding provides additional comfort.

part of the Armor Express concealable line. Specifically, the company's latest BRAVO sizing is measured to fit each individual officer – it scales within every inch to accommodate over 200 sizes. Ballistic panels featuring the new BRAVO cut provides the wearer with enhanced coverage and a more accurate fit.

The American Revolution™ concealable vest features a notable design. The carrier's low profile shoulder padding gives added comfort and weight disbursement; its advanced microfiber nylon in the exterior shell and slightly denser material make it more robust and enable greater longevity. The American Revolution is also water-repellent and antistatic treated. The inner lining of the vest is a

moisture-wicking, antimicrobial material. The relief lines on the loop surfaces, combined with patented Easy Grip Side Straps™ allow the officer to adjust or don/doff the carrier with ease. The vest also features a 5" x 8" and a 7" x 10" front plate pocket which accommodates hard armor inserts.

As part of the Armor Express line of hard armor solutions, the Buffalo Armory® 647 Steel Plate (made by partner Buffalo Armory) measures only .21" thick with a weight of 6.3 lbs. in a 10 x 12 SH configuration. The 647 supports departments seeking ASK (Active Shooter Kit) options. This plate is multishot rated for select threats and is certified to NIJ Level III with a Level III+ rating (includes the 5.56 x 45mm M855/SS109 "green tip"), as well as the 2018 DEA protocol. (armorexpress.com)

Baker Ballistics

Baker Ballistics has introduced six new models of its popular MRAPS® Series military-grade ballistic shields. These are available in two sizes (regular and extra large) in any of three distinct rifle protective threat levels (III+, III++, and IV). All six models allow the shield operator to utilize long guns for accuracy while maneuvering the shield by use of the Baker Ballistics exclusive shock-absorbing Free-Floating Adjustable Boltless Handle System.

MRAPS Series shields are designed to enable the shield's operator the ability to withstand repeated high energy impacts of rifle projectiles, up to and including NIJ

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BODY ARMOR UPDATE: 2018

Continued from page 23

Level IV high penetration, armor piercing military ammunitions, such as .30/06 M2 and 5.56mm x 45 M995 "black tip" belt fed machine guns.

MRAPS Series rifle-rated ballistic shields can also be instantly attached to The Reaper™ exoskeleton weightless support system, if desired.

A large VELCRO® pad is standard on all MRAPS Series shields for attaching electronic observation devices, such as an iPhone®, iPad® or Android. By use of recent low cost advances in thermal imaging capability, the need for heavy observation windows, field assembly and wheeled support are no longer required for protection against common rifle threats such as AR platform weaponry firing 5.56mm x 45 M855/SS109 "green tip" ammunition.

Also available to law enforcement/military personnel (only) is the confidential white paper, entitled "A Serious Ballistic Threat to American Law Enforcement Personnel." Copies of this white paper can be downloaded by registering at bakerballistics.com.



Lower cost electronic observation devices are now being attached to the backs of ballistic shields.

Diamond Age

The new BASTION™ Helmet can withstand direct hits from all common rifle rounds, including steel core rounds, at muzzle velocities. Augmented with an ultralightweight carbon fiber and ceramic strike face, the BASTION helmet is completely modular, featuring a full five plate configuration which covers the entire helmet shell for manning turrets and tactical raids and entries. The BASTION accommodates Wilcox® shrouds without sacrificing any coverage and M-Lok rails are also available. The helmet also includes an advanced padding system from 4D Tactical.

The Diamond Age FORCEFIELD™ armor panel offers protection from a variety of high-velocity SMG special threats, such as 7.62 x 25mm Tokarev (over 1700 fps), 5.7 x 29mm (over 2100 fps) and the HK 4.6 x 30mm (over 2000 fps). The FORCEFIELD is also handgun special threats tested and can defeat 80-grain solid copper 9mm SCS rounds in addition



The new BASTION™ Helmet is completely modular.

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BODY ARMOR UPDATE: 2018

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Diamond Age's FORCEFIELD™ armor panel weighs 1.17 pounds per square foot.

to knives and spikes. The FORCEFIELD, however, is as thin and light as the average soft armor panel in its class at just 6.8mm and 1.17 pounds per square foot and is available in BALCS-cut panels and BALCS armor carriers. (diamondage.org)

GH Armor Systems

GH Armor's new HeliX IIIA HX03 series of body armor is designed for high performance. In addition to the NIJ 0101.06 Level IIIA standard, the HeliX IIIA HX03 is also special threat tested. The package includes GH Armor's exclusively patented ballistic desiccant for moisture management. (gharmorsystems.com)

Hardwire®, LLC

Hardwire's Tactical Shields have been specifically produced to provide the lightest weight of protection for police officers. Designed from armor technology developed for the Department of Defense, and with input from law enforcement, all of Hardwire's Tactical Shields meet NIJ Level IIIA or Level III protection standards. These ultra-lightweight ballistic protection shields are also available in multiple sizes and configurations



Tactical shields from Hardwire are available in many different sizes and configurations.



Hardwire's body armor plates are created utilizing 100% Dyneema® materials.

Hardwire's Vehicle Armor products are an affordable way to add ballistic protection to a police vehicle without major vehicle modifications or burdensome installation. Hardwire's car door armor quickly attaches to a vehicle's exterior and the Transparent Armor Window Insert fits into existing vehicle window openings. The window insert and vehicle door armor provides protection against handguns and shotguns (NIJ IIIA+) or rifles (NIJ Level III). Armor is available for the Ford Interceptor, Taurus, Impala, Chevy Van, and Charger, as well as other vehicle makes and models.

Hardwire offers lightweight and cost-effective body armor plates designed to fit into most plate carriers. These hard armor plates do not degrade, surviving the harshest conditions. All plates are made in the USA using 100% Dyneema® materials and are available in single and multicurve configurations.

Hardwire utilizes a unique manufacturing process to create lightweight certified soft armor. Dyneema fibers are pressed under 25 million pounds of force at precise temperatures, turning multiple layers of material into a single system. The ballistic panels dissipate a bullet's energy quickly and efficiently, reducing overall panel weight. Hardwire's soft armor for tactical and concealable vests are available through Safariland®. (hardwirellc.com)

Point Blank Enterprises, Inc.

The ARMIS Gen II is a highly scalable, side opening carrier which allows tactical units the flexibility to configure their armor system to meet mission specific needs. This includes the capability to release the complete vest in one quick motion and select the specific level of protection needed, while enhancing op-

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The ARMIS GEN II's carrier shape offers optimum protection while maintaining maximum maneuverability.

erator mobility, agility and range of motion. The kangaroo pocket on the front flap includes three rifle magazine inserts. External, bottom loading, hard armor plate pockets are located in the front and rear.

Lightweight, thin and flexible, Point Blank's new Elite concealable body armor system combines NIJ .06 Level II and IIIA ballistic protection with a high level of comfort. The Elite comes standard with ARMORVENT® installed which utilizes an air channel ventilation pattern to help evaporate sweat.

Easy to don and doff, the new ODC Guardian combines the versatility of a front opening vest with a design which offers optimum coverage. Users can instantly convert the ODC Guardian into a ballistic protective vest by inserting concealable ballistic panels into the



Elite concealable body armor comes standard with ARMORVENT® installed.

front and back interior pockets. Within seconds, the ODC Guardian is ready to wear with up to Level IIIA protection.

Omega Hard Armor Plates are capable of defeating Level III and IV rifle threats and are available in a choice of two shapes (full-size or shooter's cut). These new plates are designed to meet individual needs for comfort and function. Additional options include the choice of ultralight polyethylene or ceramic plates which will affect weight and thinness.

The new Operator Elite Helmet is manufactured utilizing a proprietary ballistic thermoplastic aramid composite shell. Its 4D Combat Pad ultracomfort system keeps users cool in the sum-



The new ODC Guardian incorporates a center zipper for easy donning and doffing.

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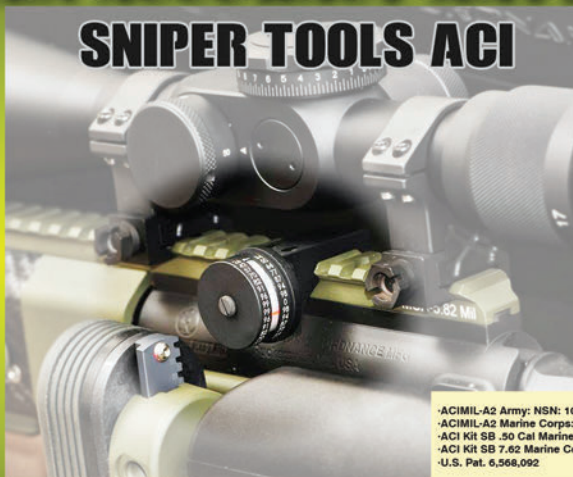


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BODY ARMOR UPDATE: 2018

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The Operator Elite Helmet utilizes the Boa® chinstrap which features a dual dial adjustable fit.

mer and warm in the winter, along a with guaranteed no rattle fit. The Rapid Adjustment Dial Boa® retention system comes with two-way adjustments and the removable suede split chinstrap allows for laundering, replacement or the use of a gas mask extender.

The FAS-TC Gen II side opening, light tactical vest from Point Blank offers high performance ballistic protection integrated in a fully functional design to achieve maximum maneuverability. Engineered to allow maximum freedom of movement while offering optimal protective coverage, the new FAS-TC Gen II provides the versatility to adapt to any mission.

Available with NIJ Standard 0101.06 Level IIIA ballistic systems, this vest features a strong and durable 500 Denier CORDURA® outer shell construction, with front and back top loading plate pockets which fit 8" x 10" or 10" x 12" hard armor plates (size dependent). (pointblankenterprises.com)

PROTECH® Tactical

The PROTECH Tactical X Series boltless, type IIIA ballistic shields feature a patent pending process which molds the lens cap into the ballistic composition of the shield at the time of pressing, resulting in a lens cap design of the same ballistic material as the rest of the shield. The X Series streamlines the traditional ballistic shield with a design that eliminates points of weakness – the point of drill holes and seam lines where the shield and components meet. The seamless molded lens cap in this boltless design ensures ballistic integrity and reduces overall shield weight by approximately 20%. (safariland.com/protech-tactical)

Team Wendy®

The EXFIL® Ballistic line from Team Wendy delivers premium ballistic protection and comfort in its lightweight helmet. You can add the EXFIL Ballistic Visor and Ear Covers to your EXFIL Ballistic or EXFIL Ballistic SL helmet for increased coverage. The Visor and Ear Covers are available in black, coyote brown and



PROTECH® Tactical's X Series IIIA ballistic shields feature a design which eliminates points of weakness.

ranger green. Installation requires an EXFIL SL Rail Retrofit Kit. (teamwendy.com)

The Armored Group, LLC

The Terrier LT-79 vehicle, developed by the TAG research and development team, represents a well-balanced combination of protection, off-road mobility and payload. The standard Terrier LT-79 will hold up to eight officers (2+6 in individual MIL-STD seats) or ten (2+8 on optional bench seating), depending on the size of



The EXFIL® Ballistic line of helmets incorporate both ballistic visor and ear covers.

Continued on page 32

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BODY ARMOR UPDATE: 2018

Continued from page 28



The new Terrier LT-79 will hold up to eight officers in its standard configuration.

the operators and amount of gear. The vehicle is agile and extremely versatile and is designed to protect individuals in dangerous operational environments while staying economical and budget-friendly. (armoredcars.com)

Future Advances

Some far-reaching research and development efforts for military applications could eventually result in technology trickle-down to body armor used by the law enforcement community.

The Army has continued its work on an “Ironman-like” exoskeleton. Recent prototypes and tests look to address the challenge of powering the full-body armor with energy harvesting technology which derives power from a soldier’s movement. Exoskeletons being developed contain a range of mobile technologies including thermal sensors, wearable computers and conformal body armor, Kris Osborn writes for Warrior Maven (<https://tinyurl.com/y8c5ozgw>). Self-powered exoskeletons would not only supply these features, but using a Lockheed-built FORTIS knee-stress-release-device exoskeleton or similar technologies would also allow them to ease the strain on soldiers’ joints and muscles while re-



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ducing the need to resupply a unit deployed in dangerous territory.

The Army is also exploring research from the Massachusetts Institute of Technology (MIT) on liquid body armor technology which can transform from liquid to solid in milliseconds when a magnetic field or electrical current is applied. MIT's work on poly (urethane urea) elastomers, which are touted to be 15 times stronger than steel yet flexible as fabric, have also caught the Army's eye.

While perhaps a bit further from reaching the market, The City University of New York Graduate Center's Advanced Science Research Center has found that flexible layered sheets of graphene (each only an atom thick) become harder than a diamond and impenetrable when struck by a bullet. The technology, when mature, could allow for body armor which is as flexible as cloth and no heavier. (<https://tinyurl.com/y7799atc>)

Research and development is not focused on the challenges of today, but on projected needs 20 years down the road. And, from where we sit, the future looks bright! **P&SN**

Formerly the Editor-in-Chief for Forensic Magazine, Rebecca Waters is a freelance writer and editor.



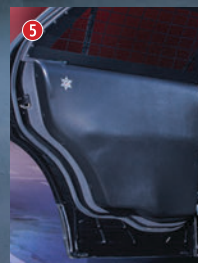
The Department of Defense continues to work on their lightweight under-suit exoskeleton system which will assist in movement, as well as prevent injuries.

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NEWS

Mass Violence and Terrorism Toolkit and Training Available



Incidents of mass violence and terrorism – bombings, mass riots and shootings, hijackings, bioterrorism attacks, and other human-caused disasters – present unique challenges to the communities in which they occur. These incidents require a coordinated, cross-sector approach among federal, state, local, and tribal govern-

ments; private entities; and nonprofit organizations to drive an effective response.

The Office for Victims of Crime (OVC) has developed the “Helping Victims of Mass Violence & Terrorism: Planning, Response, Recovery, and Resources Toolkit” to help communities prepare for, and respond to, vic-

tims of mass violence and terrorism in the most timely, effective and compassionate manner possible.

Lessons learned from past incidents indicate that, through advanced planning and by developing and maintaining multidisciplinary partnerships, communities are better prepared to ensure that each victim’s

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needs are met. This toolkit also contains materials which will aid communities' responses to victims even if they have not planned for an incident.

The Web training series highlights the importance of communities, states and regions planning a response to incidents of mass violence and terrorism using the OVC Toolkit resource. This webinar provides a detailed overview of how to use the Toolkit. Customized technical assistance is available to city, county and state level organizations to help implement the Toolkit. If you would like to request mass violence and terrorism customized technical assistance, please contact the OVC by E-mail at TTAC@ovcttac.org, or go to www.ovc.gov/pubs/mvt-toolkit/index.html. **P&SN**

New Report Reviews Response to the Pulse Nightclub Attack

In December 2017, the Office of Community Oriented Policing Services (COPS) released *Rescue, Response, and Resilience: A Critical Incident Review of the Orlando Public Safety Response to the Attack on the Pulse Nightclub*. This report is an independent critical incident review of the Orlando, Florida, Police Department's response to identify best practices and lessons learned to improve the department's planning, training, policies, procedures, and practices regarding critical events of this nature and magnitude. The review and resulting report provides important lessons for law enforcement and public safety agencies across the nation as they prepare to face increasing acts of mass public violence and the growing threat of terrorism. To download a copy of the report, visit <https://tinyurl.com/y8eb7lk2>. **P&SN**



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The Critical Role of Rapport in Interviews and Interrogations

Michael Sattler

Our goal is to uncover facts, information
and to get to the truth.

The question is how do we get there?



An integral part of this process is communicating effectively with the interviewee by going beyond “just talking” and connecting on a human level. Everyone has the ability to establish rapport with someone else. The difference is whether or not a detective or an officer will spend the time and effort to truly communicate with someone effectively, as well as listen and observe. The difference between talking to someone to obtain information and actually building

rapport are immense.

The ability to talk to another person is rarely an issue for most people; however, some suspects may be more apprehensive than others in speaking with a stranger. Not only is being able to converse with someone essential, but to do it with a stranger – at any hour; of varying ages, races and ethnicities; or about any number of types of crimes or incidents at varying locations – is even more important. This must also be done while observing body language and actively listening. The art of being able to communicate with someone while listening, monitoring body language and obtaining information is key to a successful interview outcome. Thankfully, it can be learned.

Understanding Others’ Feelings

Rapport is simply establishing something in common with someone during a conversation. It is the connection and a building block for the interview. This involves relating to another person while establishing trust. The key is having an understanding and conveying empathy. You do not have to like or agree with the person’s point of view; however, demonstrating a sincere interest in what is being said is crucial to the “buy-in” by the interviewee. Similar to relationships you experience in day-to-day life, rapport can occur quickly and naturally and, other times, you must search for a commonality. During your search for this common ground, you must also consistently display professionalism and attentiveness. In most interview/interrogation scenarios, you will be faced with a situation in which either the interviewee is nervous about the interview itself or the incident about which you are inquiring. Being able to decrease their stress and anxiety level will assist you in the establishment of rapport and bring about the flow of information.

The beginning of establishing rapport


starts with the background research you conduct on the subject, if time allows. This is where points of commonality or areas of conversation emerge. These could be a geographical location, age, sports, children, weather, etc. Presenting a calm and professional appearance combined with a simple handshake will initiate the rapport building process. The establishment of rapport needs to take place during the interview as this is the foundation for the flow of information and the chance at establishing a sincere sense of commonality.

Looking the Part

Another area in which rapport can be established, often on an unconscious level, is your appearance. Dressing in a manner which is consistent with the subject, location or topic can help in demonstrating professionalism and a thoughtfulness in taking the time to dress properly. A sense of presence can be established by how your appearance is perceived. Whatever the topic, location or subject matter, always be professional in your demeanor and presence.


Once the interview has begun, the use of open-ended questions will facilitate achieving rapport; for example, asking, “Tell me what you did yesterday after work.” If a subject provides information, a solid, short, open-ended question is, “Tell me about that.” These questions will allow the flow of a narrative from the subject. The subject should not be interrupted during the narrative. Listen keenly to what information is being said and look for areas on which to follow up. In addition, the order in which a subject may disclose information could be significant. Many subjects will initially mention what is most important to them first.

Determining whether rapport has been established may include the nonverbal concept of “mirroring.” This is where you mirror, or copy, the subject’s body language. This could encompass leg cross-

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ing, leaning in toward the subject, head nods, and speed or tone of voice. You want the subject to feel as if you are both alike in your patterns. This needs to be done subtly and will go a long way in making the interviewee feel comfortable and, thus, increase a sense of commonality, trust and rapport. It is much easier to build a sense of rapport with someone who feels as though there is a commonality between you both. Rapport can be achieved via the spoken and unspoken word and should be smooth and natural in its presentation. The subject should not feel as though you are reaching for, or forcing, a bond. As the interviewer, you can also mirror the subject's speech and tone. Patterning your speech rate to theirs and adopting a similar tone may help improve communication and trust. This must also be done smoothly and go unnoticed by the subject. If not, the communication, trust and rapport you desire will be lost. People tend to like and trust those who are similar to them.

A crucial area in which rapport can be achieved is through empathy and sincerity. This is quite different than sympathy. Displaying a sense of caring and actually caring is key. Placing yourself in the shoes of the interviewee with occasional encouragers, such as head nods, saying "uh-huh" or "okay" will go a long way in being perceived as caring. This can also open the door to rapport. Spending time on this during the interview and not rushing to present your main questions or issues will pay dividends.

Rapport is not easy to achieve and will take effort and patience. If the subject questions why you're asking certain things unrelated to the case during the rapport building phase, you may suggest that you would like to know more about the person to whom you are talking. You can also blame your supervisor or a

policy by saying, "I know some of these questions may seem odd or unusual, but my supervisor has us ask certain questions" or "I know this seems unusual, but we have a policy."

Storytelling

The use of a story may also be helpful in achieving rapport and engaging the interviewee. Using a real or "perceived real" story to amplify a point can often hit home and help to form a commonality. When trying to emphasize a point and achieve some level of buy-in, sharing a short story shows a willingness to be transparent and displays active listening on your part. The fact that you can relate a story based upon the information he (or she) provided will resonate with the interviewee.

To some, the idea of attempting to develop rapport with a subject who may have committed a heinous crime seems counter-intuitive and may appear to be difficult. When the end goal is to obtain the facts; information; determine the truth; and, hopefully, obtain an admission or confession, the effort the interviewer puts into rapport building will increase that possibility. Being able to temporarily transition into an approachable and empathetic figure is critical. Whether you genuinely feel that bond or can situationally project a sense of commonality and understanding, rapport will help to carry you to your objective of obtaining facts, information and the truth, thus opening the door to obtaining admissions and confessions. **P&SN**

Detective Michael Sattler has been a police officer for 11 years. He has a master's degree in criminal justice; is also a certified forensic interviewer; and he has obtained over 400 hours in interview and interrogation training.










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HOW TO SELECT THE BEST INSTRUCTOR FOR YOUR AGENCY

Ed Nowicki

**Should martial artists be selected as defensive tactics instructors?
Should competition shooters be selected as firearms instructors?
How about selecting physical fitness instructors or any other type of
in-house instructor when officers with special skills are needed?**

The answer to any of the above questions is a definite “maybe.” Just because officers have special skills doesn’t mean that they will be competent instructors. It really doesn’t matter if instructors have advanced skill levels or a high level of knowledge. What really counts is the skill level or level of knowledge of the officers who are trained by that instructor. In essence, judge an instructor’s training proficiency by the students’ proficiency, instead of the instructor’s.

Selecting instructors who are die-hard fanatics can be counterproductive, since most officers being trained are not fanatics in that topic or field. For example, a physical fitness instructor may want to have officers achieve unrealistic expectations, such as running a sub-six-minute mile or bench-pressing their body weight. Fanatics most often do not realize that others are not as devoted to special skills or a topic as they are.

The “instructor” or “trainer” title should be separated from the “training officer” title. The “training officer” title can also include “training director,” “training manager” and “training coordinator” titles since these positions are primarily administrative in nature – unless the officer in that position also instructs. Administrative proficiency differs from instructor proficiency.

Professional law enforcement administrators realize that they no longer have the option to “bury” an officer in a training unit which was once a widespread practice just to get that officer “off the street” and away from the public. Now, the best of the best officers should be selected to serve their agency as instructors.

So, what traits or skills should potential instructors have? Here are four basic criteria (in no particular order of importance) which can be used for instructor selection:

1. Have a desire to instruct. If possible, the instructor should believe in the topic he (or she) is presenting and be generally enthusiastic when instructing. Forcing an officer to instruct takes away from the integrity of the training and no one will benefit.

2. Have a command or strong working knowledge of the topic. The instructor will be challenged, so knowledge of the topic will show when answering questions. This includes saying, “I don’t know, but I’ll try to find out,” when the instructor does not know. No one can know every possible thing on a specific topic. Instructors should not consider themselves experts, but it’s fine if others consider certain instructors as experts. Instructors should also see themselves as students who are always willing to learn.

3. Have an open mind. The open-

minded instructor understands that there are individuals who may know more than he (or she) does. If that’s the case, the instructor should see that individual as a resource and, depending on the size of the agency and possibly other agency factors, encourage that individual to be an instructor, as well. The experienced instructor may even see new instructors as mentors.

4. Have the ability to communicate in front of groups. Surveys have shown that many people fear speaking in front of large groups (social anxiety disorder) more than they fear dying. If an individual is passionate about being an instructor, yet has a fear of speaking in front of groups, that individual should complete an instructor development program. Many state POST (Peace Officer Standards and Training) councils provide, or require, the completion of an instructor development course.

Individuals should be able to speak clearly, and use correct and professional language. The use of racial, religious, or ethnic slurs directed at almost any group must not be used. The use of first person vulgarity is also unacceptable.

Joining a local Toastmasters International™ (www.toastmasters.org) group can also help. Toastmasters is a nonprofit organization which helps develop public speaking and leadership skills through

practice and feedback in local clubs. There are over 16,000 local clubs and most of these clubs are within the US.

Once the individual who wants to be an instructor is selected, he (or she) should be told exactly what is expected of him (or her). In fact, the criteria should be in written form and provided to the instructor candidate. Examples of criteria can include:

- Developing written lesson plans.
- Identifying performance goals and instructional objectives.
- Keeping attendance and other necessary records.
- Conducting training in a safe environment, including safety procedures and protocols.
- Setting up the classroom or other class environment prior to any instruction.
- Developing audiovisual material, such as PowerPoint® presentations.
- Using audiovisual equipment, such as overhead projectors, LCD projectors and others.

- Assembling and duplicating hand-out material.
- Separating facts from opinions when instructing.
- Having the ability to gain the trainees' attention through the use of humor, body language, voice inflection, humorous photos or video clips, relevant examples, and other professional means.
- Having good personal hygiene and grooming habits when instructing.
- Being properly attired for the specific topic.
- Developing and/or administering written and/or proficiency tests when testing is required.
- Reviewing tests with trainees after the test was taken, so that trainees understand the correct information. Note: Without a posttest review, trainees may walk away with wrong information.
- Maintaining patience when dealing with individuals with marginal abilities.

- Refrain from degrading or endorsing commercial products, although it may be fine to discuss and clarify when training with a specific product's training program, such as the TASER®.
- Keeping a professional relationship with the trainees to just that! Instructors should realize that it is necessary to behave professionally and refrain from conducting inappropriate relationships.
- Maintaining professional instructor certifications and recertifications.
- Developing professional networking abilities and attending professional conferences, such as those offered at the annual International Law Enforcement Educators and Trainers Association (ILEETA) Conference (www.ileeta.org).
- Keeping objective without showing favoritism because of agency rank, personal friendships or any other factor.

The above criteria are not the only criteria, but they are a start. Agencies



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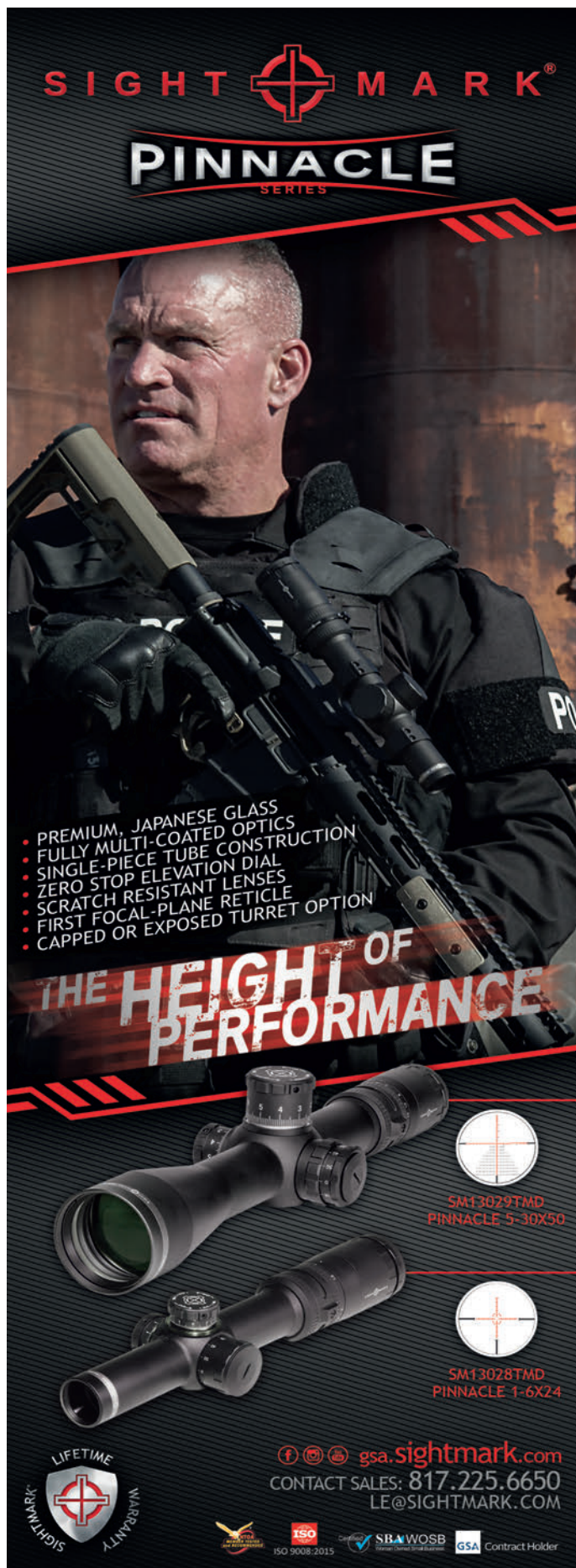


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may want to add or delete criteria, based on agency policy or trainees' needs. The bottom line is that the selection of agency instructors is an important task, since the instructor is molding the trainee to a certain standard.

Agency administrators must realize that instructor proficiency cannot be judged by how proficient or knowledgeable the instructor is. Each instructor's proficiency should be judged on how proficient or knowledgeable the trainee is when the instructor's lesson is completed. Documentation is key since undocumented training isn't worth the paper it is printed upon!

Trainees' skills and knowledge can deteriorate over time and that is why refresher training updates or recertification training is necessary. This training can also be used to impart new skills or additional knowledge. This also includes instructor recertification and refresher training.

Dramatist and critic, George Bernard Shaw, once uttered, "He who can, does. He who cannot, teaches." If Shaw's cynical utterance ever applied to law enforcement, it no longer applies. A better statement for modern law enforcement agencies is, "Those who can, do. Those who can do best, teach!" **P&SN**

Ed Nowicki, a nationally recognized police training and use-of-force expert, is executive director emeritus of ILEETA. Ed can be reached at MediaBrutality@gmail.com.

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Cellebrite Unlocks the Apple® iOS 11 Operating System

Bill Siuru, Ph.D., PE

Smartphones, such as the Apple iPhone®, the Samsung Galaxy and other similar devices, are found everywhere today and are used by an immense segment of the population around the world.



It is estimated that over 90 percent of American adults use cell phones which store detailed information about their lives, relationships and daily habits. Unfortunately, this includes those involved in criminal enterprise, terrorism, drug and human trafficking, and other nefarious activities. Forensic retrieval of the data on these smartphones and other devices has become an important part of many investigations since it can provide footprints of a victim or suspect and reveal important details hidden in messaging, location information and other data. This information can be used to prevent and solve crimes and terrorist incidents, as well as provide key evidence which result in convictions.

Getting Through

People expect privacy when using digital devices, so manufacturers like Apple and Samsung make it increasingly more difficult for hackers to gain access to their products. These privacy safeguards also make the digital forensic expert's job more difficult. Even if an unlocked smartphone is recovered, or if law enforcement is granted consent to do a search, because of enhanced embedded security measures, it may not be possible to do a complete file extraction. This is particularly true for the latest Apple iOS and Google Android devices. To date, the biggest challenge is gaining access to devices running Apple's iOS 11 operating

system; for example, on the iPhone 8 and iPhone X.

Cellebrite, with over 60,000 licenses in 150 countries, provides law enforcement, as well as military and intelligence agencies, with its digital intelligence solutions for investigations and operations globally. Its lawfully authorized examinations can access Apple devices running iOS 5 through iOS 11, including all iPhone, iPad®, iPad Pro®, iPad mini™, and iPod touch® models. Its extraction capabilities also include Google Android devices, such as the Samsung Galaxy and Galaxy Note, and other popular devices from Alcatel, Google Nexus, HTC, Huawei, LG, Motorola, and ZTE. This list is continuously updated.

Cellebrite's ability to access the contents of a device running iOS 11 is surprising, considering this operating system's release also introduced new security features which made it harder to break. This includes the SOS mode that disables Touch ID® which effectively prevents police from forcing a suspect to unlock their iPhone using a fingerprint.

Tricks of the Trade

As might be expected, Cellebrite doesn't disclose how it is able to defeat iOS 11's security. If it did, Apple would almost certainly attempt to patch the security flaw as quickly as possible. Generally speaking, to access a device, forensic experts look for flaws in the operating

system. When they find one, they use it to break into the device. Thus, small details about unlocking methods would allow OEM device engineers to fix any flaws in the operating systems' security and forensics companies would have to find another flaw. Cellebrite claims a 100 percent success rate in helping law enforcement globally access hundreds of devices.

When law enforcement has seized a locked and/or encrypted device it wants to access, they can either attempt an extraction using software in the law enforcement agency's lab or they can use Cellebrite's Advanced Unlocking and Extraction Services by sending the device by a trusted courier or hand carrying it to one of the Cellebrite Forensic Labs located around the globe.

Cellebrite's Advanced Unlocking and Extraction Services retrieve data from complex devices by using trained Cellebrite forensic experts to perform the unlocking and/or extraction service with carefully controlled techniques which ensure the forensic integrity of the data. Court tested chain of custody procedures are maintained at all times. Any extracted data is sent typically within ten business days to the agency in encrypted form to ensure privacy and protect operational information. Under special circumstances, Cellebrite can provide Advanced Unlocking and Extraction Services onsite.

Continued on page 44

Cellebrite's Textalyzer

Currently, texting while driving is illegal in 47 states and the District of Columbia. However, texting while driving is still rampant because the laws are hard to enforce. Using its smartphone unlocking and extraction experience, Cellebrite has developed the Textalyzer as a tool in the fight against distracted driving when drivers text, E-mail, browse social networks, or other things on their phone.

The Textalyzer, which is about the size of a tablet, would be used by law enforcement to extract information from the phone of a driver suspected of texting while driving. It doesn't catch those texting in the act; however, like a Breathalyzer™, the Textalyzer would be used by police after an accident to determine whether the driver was distracted by using a phone, thus contributing to the accident. Connected to the smartphone and without leaving the hands of the driver, the Textalyzer would extract every tap and click made in the minutes before the accident, but would provide nothing in the way of content or personal information, just definitive proof of whether or not the phone was being used during the period in question.

How could the Textalyzer reduce this dangerous

practice? If drivers know that now police can determine if they were texting before an accident, they are less likely to do it, realizing that they are more likely to be found at fault and/or suffer additional legal and financial consequences.

Of course, privacy advocates say the Textalyzer represents an invasion of privacy. Currently, the only way police can find that out is with a search warrant allowing them to download data from a smartphone. The advocates maintain police should have to get a warrant to gain access. Cellebrite says the Textalyzer only provides the touches and swipes, not anything about what was said in the texts or who it was said to or other information.

The Textalyzer is still in the prototype stage. Law enforcement won't get a device like the Textalyzer until individual states pass legislation allowing its use. Also, New York, New Jersey, Tennessee, and Chicago are considering legislation where refusal would lead to similar penalties as there are for refusing a portable breath test. The penalties for refusing that test are violations which would incur a fine or affect driving privileges, but are not criminal charges.



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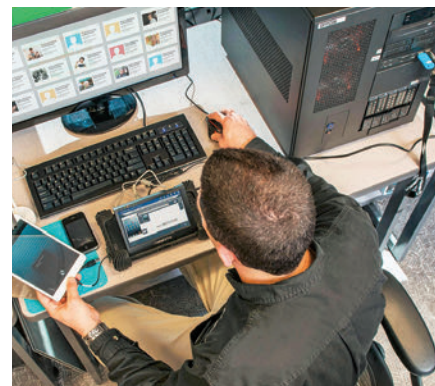
Continued from page 42

Alternatively, law enforcement agencies can then perform the extraction themselves on the unlocked device using Cellebrite's Universal Forensic Extraction Device (UFED) solutions which are small, portable computers which extract the entire contents of a device when physically connected by a cable, via Bluetooth® if within range or from a SIM card. Using prompts on the display screen, UFED allows investigators in the field or at the crime lab to extract contact lists, call history, text messages, social networking files, downloads, browser history, pictures

and video, and Web browsing. The leading GPS enabled iOS and Android devices also store files on the user's location when used.

In the Interest of Public Safety

In a recent interview with *Forbes*, Cellebrite's Chief Marketing Officer Jeremy Nazarian talked about the broader benefits of unlocking digital intelligence for law enforcement. "There's a public safety imperative here," he told *Forbes*. "These capabilities are germane to homicide, crimes against children, drug gangs, major public



Smartphones contain a vast amount of information, including texts, E-mails, social media, your timelines and travel, as well as deleted material.

safety threats in any community. We feel an obligation to those serving the public safety mission to ensure those capabilities are preserved, to the extent that they can be."

Recent Developments

Around mid-June of this year, Apple announced that it was altering its iPhone settings in response to law enforcement's ability to access the iOS operating system. Referred to as "USB Restricted Mode," it was announced that Apple was changing the default settings of future versions of the iOS operating system – which cuts off communication through the USB port of a device which has not been unlocked during a period of 60 minutes. Doing so forces users to unlock their iPhone with a passcode when connecting it to a USB accessory each time the phone has not been unlocked for a period of one hour. The USB port is the standard cable connection interface through which companies such as Cellebrite and Grayshift connect devices in order to extract information. This new setting will be instituted in upcoming versions of the iOS operating system and it will be made permanent in a future conventional release. It has been speculated that this will allow law enforcement only one hour (or less) to access information, before the ability to connect through the USB port is automatically blocked. Needless to say, this is not the "final answer" as the cat-and-mouse game between competing technologies will undoubtedly continue. **P&SN**

Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. He has been writing about automotive, aviation and technology subjects for many years.

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A new desktop-friendly, fillable PDF version of "School Safe," the Justice Technology Information Center's Security and Safety Assessment App for Schools, is now available. Just like the iOS and Android versions, the new desktop version takes you step-by-step through your buildings and grounds to identify and address trouble spots. This free tool can be used to conduct a physical assessment of a school campus (inside and out) by answering a series of simple questions. Access to this information and/or app is limited to qualified law enforcement professionals and school administrators. Go to <https://justnet.org/SchoolSafe/index.html> for additional information.

P&SN



Free Best Practices Guides for Sports Event Security

The Justice Technology Information Center's school safety Web site is offering free best practices guides on security at both interscholastic and intercollegiate sporting events. Along with "NCS4 Offers Free Guidebooks on Sports Security," found on the site, there are links to additional resources, an online calendar and more. For more information, visit www.school-safetyinfo.org. P&SN

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STOP TRAINING OUR COPS TO FAIL

Mike Boyle



Make no mistake about it: These are dangerous times for law enforcement officers. For many years, the number of officers feloniously slain in the line of duty was on the decline. But, of late, it has been creeping back up.

Unprovoked ambush attacks have spiked dramatically, while we continue to lose officers responding to domestic incidents, conducting motor vehicle stops and investigating suspicious persons. We haven't quite descended into the dark days of the 1970s, but it's not for lack of trying on the part of the bad guys.

Despite this risk to officer safety, many agencies have not risen to the occasion and fail to give their officers the tools they need to prevail. But, this conversation is about the software side of the equation, rather than hardware. When you get down to it, gear is only part of the picture. The real commitment is providing quality use-of-force training at the basic and in-service levels.

While law enforcement officers do indeed qualify with their firearms, in many cases, the quality of that instruction received is uncertain. Officers who meet only minimum standards when qualifying with their firearms are more likely to fail on the street.

I have been involved in police use-of-force training for most of my adult life. For the better part of my career, I was a full-time trainer, offering instruction at the basic, in-service and advanced levels in a variety of use-of-force disciplines.

Just about everybody I know in the training game has some pretty strong opinions as to how things should be done and I'll confess to being no different than anyone else. However, I'm not so arrogant as to feel that I've got the only true way of presenting a certain topic. More than once,

I have changed the way I present certain things because someone has shown me a better trick.

While I can readily accept different training methodologies, I can't abide by tactics and techniques which don't reflect reality or which are unsafe. Just as bad is casual treatment or omissions of critical topics; particularly, basic operational skills. Unfortunately, a great deal of bad information is out there and regularly presented to cops as the gospel truth. As instructors, it's our duty to see that everything and anything we present is right on the money and makes sense. This often involves bucking the system which may not endear you to the command staff.

Do the Right Thing

In the firearms world, there is an abundance of case law relative to failure to train. Perhaps the best example is *Popow*

vs. the City of Margate, 476 F. Supp 1237 (D.N.J. 1979). In this instance, police officers were chasing a kidnapping subject through the streets. When a homeowner stepped outside to see what the commotion was, he was struck by a police bullet and killed.

The court ruled in favor of the plaintiff and determined that the department had a grossly negligent firearms program.

Almost 40 years later, I frequently encounter agencies which have not moved the ball forward. I continue to be disappointed in the information presented at the academy level, as there is little correlation between the paper exercise of qualifications and the harsh reality of the street. Dated techniques continue to be presented and justified because that's the way it's always been done. The fact of the matter is that, collectively, we need to do much better.



Extreme close quarter techniques should integrate both empty hand and firearms skills.

What follows are a few observations I have made of techniques or tactics which, if taken at face value, could get cops hurt or killed. I wouldn't be as disturbed if these were isolated incidents, but I see bad information being presented as gospel on a somewhat regular basis. While some of this information may be a holdover from an earlier time, it simply doesn't hold up to the reality check and needs to be updated. Let's take a look.

Extreme Close Quarters Engagement

Most police action shootings continue to take place within conversational distance. Depending on whose statistics you might be looking at, about 50% might occur at arm's length.

It's been said that, if the only tool you have is a hammer, all of life's problems begin to look like nails. Along similar lines, if your only conflict resolution strategy is the pistol, you might be in for a rude awakening in extreme close quarters.

Quite simply, we need to have differ-



Is this a good use of cover? Far too much of the body is exposed, but many trainers simply ignore this potentially fatal flaw.

ent options when up-close. Your handgun may be the final ring in the safety net, but a conventional shooting technique is not going to work. In fact, it's very likely that your initial response will have to be with

an empty hand before you can even draw your pistol.

The need to integrate firearms with empty hand techniques should be apparent to all, but it's often neglected. Have you tried drawing your handgun while blocking incoming blows or while in the grip of a violent aggressor? Minimally, we have to learn to get the support side arm up to protect the head, neck and upper chest. In extreme close quarters, the gun should be held close to the body to make being disarmed more difficult. Options include driving forward or striking and stepping back to create distance. There is not one technique which is going to work in all situations. Try a few different techniques and mix in empty hand strikes and knee thrusts. Standing there flat-footed will get you killed.

Take Cover, Not Chances

When I first got into this business, firearms training had evolved very little since the 1930s. We shot low recoil wadcutters which were a far cry from our heavy .357

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Get back off the cover and minimize your exposure to hostile fire.

Magnum service loads. In our basic training, we utilized barricades at the 25 and 50 yard lines which were supposed to simulate cover. A common technique taught back in the day was to brace your revolver on the side of the barricade to increase marksmanship potential. The fact that 50% of the shooter's body would have been ex-

posed to hostile fire was lost on us.

Generally speaking, cover is more effective if we get a short distance away from it. You will be able to make yourself a smaller target; be better protected against secondary missiles; and have greater flexibility in changing positions.

This concept has been widely embraced for years, but I constantly see shooters bracing the pistol or exposing far too much of their body. I've long found it useful to have a shooter take an inert training gun and simulate firing from cover. His peers are downrange and provide useful feedback in how much he/she would be exposed to an assailant's fire.

It's not always about shooting the bad guy. Often, it's about not getting shot. The ability to recognize and properly use cover remains a critical skill.

The Not So Tactical Reload

With the classic tactical reload, the shooter removes the partially depleted magazine from the pistol while inserting a fresh one. Once this has been accomplished, the depleted magazine is returned to the belt or to the pocket. The



At best, the classic tactical reload is a range technique. Managing two magazines at the same time while being subjected to extreme stress is wishful thinking.

most difficult part of this process is the fact that the shooter has to control two magazines in the hand. This may not be a big deal for a squared away shooter on

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a sterile range, but pulling this off while being subjected to life threatening stress is extremely difficult, to say the least.

To pull off the tactical reload, a number of things have to be going your way. Do you have time, distance and cover? If not, you are far better off dropping the partially depleted magazine from your pistol and inserting a fresh one as quickly as possible. I will entertain the possibility of a tactical reload for a well-rehearsed practitioner under ideal circumstances, but, by and large, I consider it a range technique.

At a recent training session I was monitoring, the shooters were instructed to fire three shots; perform a tactical reload; and fire three additional shots. The distance in this timed drill was seven yards. Really? Time, distance and cover? I don't think so. Reality disconnect? You be the judge.

No Movement

Movement is present in many police action shootings. The officer may be moving, the subject may be moving, or they both might be on the move. In many firearms training programs, this critical issue is

not addressed.

I realize that incorporating movement into training can be difficult on indoor ranges or, for that matter, on outdoor ranges when there are a large number of shooters on the line. I would submit that having shooters take a simple lateral step when drawing, or after firing, can be a positive reinforcement.

A number of outfits manufacture "running man" targets which move on a cable or a track. They might have some value if used correctly, but, by and large, I don't consider their movement especially realistic. At my job, we were able to create our own moving target system with some pipe, threaded rod, clamps, and a couple of old automobile hood springs. The target doesn't run, but bobs and weaves, much like real life. We can make it even more challenging by adding a "no shoot" target to the mix to simulate an innocent bystander.

Movement is dependent on the situation in which the officer finds himself/herself. We might move to cover or off the line of attack. We might not move at all. But, no matter how you slice it, movement needs to be a part of the training regimes.

Low Light

Most police action shootings continue to occur under less than optimum light conditions. Ironically, most training takes place in the bright of day. For your training to be valid, it must match the pattern of the anticipated encounter and that means flipping off the light switch in the indoor range or shooting under natural low light conditions.

Does your agency issue flashlights and/or weapon mounted lights? Do officers work in low light conditions? If so, you better be doing some low light training. Yes, it is inconvenient and comes with its own set of concerns. I've seen agencies use welding goggles to simulate low light conditions, but shooters don't experience muzzle flash or get to employ flashlights. Quite simply, there is nothing like the real deal.

Holster Skills

A great many law enforcement officers, both in uniform or in plainclothes, have never been properly indoctrinated in holster skills. Consider that, out in the real world, the bad guy initiates the action and

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Holster skills are an essential operational skill. Emphasis should be on an efficient draw and a safe, one hand return.

there may be no forewarning at all. In that sort of situation, the officer is way behind on the power curve and needs to draw as efficiently as possible to catch up.

I constantly encounter instructors who allow their students to disable the retention devices on their holsters and take a shooting grip on the gun once the preparatory command to fire has been given. Taking it even one step further, I've also noted numerous instances where students were allowed to lift their guns half way out of the holster. This is a serious disservice, as they have been denied an opportunity to practice the draw stroke.

Currently, multilevel retention holsters are the overwhelming choice for uniformed officers. Plainclothes officers have to draw their handgun from underneath a layer of clothing. Regardless of your mission, holster skills should be practiced with the clothing worn on duty with all security mechanisms in place. Anything less is a missed training opportunity.

Instructors should never allow shooters to use both hands while returning to the holster. This practice is unsafe and not tactically sound. When the support hand is used to clear clothing or a thumb break, it inevitably passes in front of the pistol's muzzle. In an enforcement situation, the ability to recover to the holster with one hand is critical. An officer may have to quickly secure the handgun while drawing a less-lethal weapon or push a subject back. To get to the point, the two hand return is a potential death trap. Don't allow it!

Hot vs. Cold Line

No doubt this will probably be the most controversial topic discussed herein. On the cold line, handguns are loaded prior to each instructional phase and unloaded when complete. Students leave the line with an unloaded gun in the holster and are considered to be safe.

Proponents of the hot line take a very different view. Pistols are loaded at the beginning of training and it's the shooter's responsibility to see that it remains loaded at all times. Shooters are instructed that they may not holster a gun which will not fire. Magazines can be removed from the holstered pistol and topped off whenever the opportunity presents itself. At the end



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Continued from page 51

of the training exercise, shooters leave the firing line with a loaded pistol secured in the holster.

I've been running a hot line in my training for more than 30 years and have yet to have an issue. This includes basic handgun training for new officers. Prior to going ballistic, we devote considerable time to practice with dummy rounds and only proceed to live fire once everyone is up to speed. From day one, it is made abundantly clear that the only time the gun comes out of the holster is up on the firing line during an exercise or when ordered to by an instructor.

I find it ironic that law enforcement officers go through their daily routine with a loaded gun in the holster; yet, when they come to the range, they simply can't be trusted. That is the fallacy of the cold range. I'm personally familiar with numerous incidents where officers thought they were handling an unloaded gun, when, in fact, it wasn't which resulted in a negligent discharge. With a hot line, officers are keenly aware that there is a loaded gun in that holster which diminishes the likelihood of loud, sudden surprises. The hot line instills a higher degree of consciousness about the condition of the firearm and is, in fact, safer.

Poor Fit

Today's law enforcement workplace is indeed diverse and it includes men and women, along with a very wide range of body types and different size hands. Forty years ago, height and weight requirements

were a barrier to small stature males and almost all females. That has all changed now, but we still often encounter little regard for proper fit of equipment. This is especially true with firearms.

Today, roughly one-third of the recruits I see at the police academy are female. There is also a fair amount of small stature males in the mix. Small hands and high capacity pistols with wide grip frames affect performance and prevent shooters from doing their best. In a parallel universe, this would be like hiking the Appalachian trail with boots which are a couple of sizes too large. Yet, some instructors feel that a less than stellar performance is a shortcoming of the student rather than poor fit.

Fortunately, most of the major manufacturers are now turning out pistols with interchangeable backstraps which optimizes fit for a wide range of hand sizes. SIG SAUER® also offers double-action pistols with a shorter trigger reach.

The "one handgun for everybody" mentality still prevails in many law enforcement agencies. Interchangeable backstraps are a partial solution, but may not work in all cases. Hand size does matter and proper fit remains more important than capacity. You might even have to consider a single stack pistol in some instances.

I recognize that, often, instructors are not the folks buying the gear and, sometimes, have little input into the selection process. But, when gear isn't suitable for the task at hand and handicaps performance, you need to make some noise about it.

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Getting Practical

Law enforcement firearms training can be conducted at the static, dynamic or interactive levels. Static line training represents the vast majority of what we do and allows us to train large numbers of officers simultaneously. However, it is not the end-all.

Dynamic level training is a little more demanding and may require officers to move, use cover and deal with more than one subject and innocent bystanders. This type of training is typically limited to one officer at a time; however, an infinite amount of variables can be incorporated.

The top of the pyramid is interactive training. Interactive training can be done on a firearms training simulator or with scripted scenarios, using marking cartridges or Airsoft weapons. Although I've used both electronic simulators and scenario-based training, I have a preference for the latter. In these force-on-force scenarios, officers have to apply the principles of practical marksmanship, use good tactics and comply with the prevailing legal standard.

Scripted scenarios should initially be simple, straightforward and winnable. As officers gain more experience, they can be a little bit more involved, but they must remain realistic and winnable.

Some years ago, I had the opportunity to watch big city recruits go through a number of different scenarios inside a shoot house. By and large, their tactics were very good and they effectively resolved most every situation. Despite the fact that they did everything right, in the end, their instructor/role players found a way to "kill" them. To say the least, the endings were bizarre and pretty detached from reality. I don't suppose these new officers left that training feeling very good about themselves.

By all means, try to conduct your use-of-force training on all three levels, but keep it real.

Don't Accept Mediocrity

When you consider the challenges today's law enforcement officers face, we have a responsibility as instructors to give them our best effort. All too often, some instructors are content if their trainees can scratch out the minimum passing score in order to qualify.

It's been said many times that minimum standards yield minimum results. Continue to raise the bar and go beyond what is minimally required. Our goal is to have our students place combat effective hits on the target as quickly as possible. Be sure to devote some time to refining those basic operational skills, such as drawing and reloading. Whenever possible, try to factor in movement and use of cover. Having officers participate in dynamic and interactive exercises goes a long way towards building skill and confidence.

Just about all of the concepts discussed focused on handgun training, but much of this can be applied to shoulder weapons as well. Because saying that "we always do it this way" no longer makes the cut. So, team, let's rise to the challenge, even if it means rocking the boat a bit. Excellence should be our standard. **P&SN**

Captain Mike Boyle served with the New Jersey Division of Fish & Wildlife, Bureau of Law Enforcement, and has been an active firearms instructor for more than 30 years. He has been an assistant police academy director and remains active as an academy rangemaster and instructor. Mike has served on the Board of Directors of the International Association of Law Enforcement Firearms Instructors (IALEFI) since 1996. He is the architect and coordinator of IALEFI's Master Instructor Development Program.

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NEWS

Information and Opinions Being Solicited

Edward Nowicki, the widely known police trainer and 33 year law enforcement veteran, has announced that he has begun writing a book which focuses on the liberal media and its coverage of police officers. Comprising approximately 50,000 words, this book will expose how the liberal news media distorts facts and selectively reports and twists the truth for the sake of profit and the pursuit of liberal ideology. Police officers' lives and careers have been destroyed as a result of these distortions.

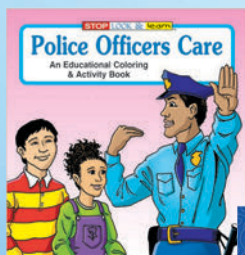
The liberal news media justifies their unfettered attacks of police conduct as legally sound, since police officers are on a government payroll and because these news stories pertain to "official actions." Freedom of the press is a guarantee of the United States Constitution; however, this upcoming book seeks to expose the umbrella coverage for a blatantly biased agenda where dedicated police officers are wronged for profit and liberal politics. The book will also deal with issues pertaining to the entertainment media and their portrayal of law enforcement, as well.



With that, Ed Nowicki is soliciting opinions from the professional police community in order to share their thoughts and ideas. Mr. Nowicki can be contacted via E-mail at MediaBrutality@gmail.com or at (262) 295-8767 to answer any questions. **P&S**

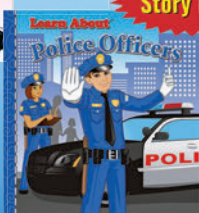
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The E-Blade comes with a variety of functions and color options. It is controlled by Putco's wireless remote which can sync multiple emergency blades to the same strobe patterns and speeds. The **E-Blade** is attached to the vehicle with a proprietary clip set and is backed with 3M adhesive with a piloted hole for alternate attachment.

Circle 4067 for More Information

PROTEC-X Riot Suit

EDI-USA's **PROTEC-X** riot suit was developed to help law enforcement combat some of the most dangerous riot threats in the United States.

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The complete suit is also extremely lightweight (approximately 13 lbs.) and allows users to move easily. The suit includes durable hard protection around the entire body, along with the hard stab plates and a hard groin cup.

Circle 4068 for More Information



Ford Police Interceptor® Utility Pursuit-rated Hybrid



For 2020, Ford has announced an all-new **Police Interceptor Utility**, the industry's first pursuit-rated hybrid SUV. This new vehicle is purpose-built for law enforcement with a standard hybrid powertrain which doesn't compromise interior space.

It comes with standard all-wheel-drive, as well as Ford Telematics™ with a built-in Ford modem. A complimentary two year subscription comes with every vehicle to enable agencies to gain access to vehicle information, including fuel use data, vehicle health alerts and more.

The new Ford **Police Interceptor Utility Hybrid** is projected to accelerate faster, achieve a higher top speed and have at least 40 percent better fuel economy than the previous V-6 powered model. It also features exclusive 75 mph rear impact protection for safety.

Circle 4069 for More Information

Pursuit Version of 2018 Durango

Dodge has expanded its police vehicle lineup, adding a new Pursuit version of its Dodge Durango. The **2018 Dodge Durango Pursuit** is powered by the 5.7L HEMI® V-8, coupled with a full-time, active All-Wheel-Drive (AWD) system. This is the same powertrain combination most commonly deployed in the Dodge Charger Pursuit. The Durango Pursuit also offers a two-speed transfer case for true low range off-road capability and incorporates larger heavy-duty antilock brakes which deliver a 60-0 mile per hour stopping distance of 134 feet.

Other notable standard features of the **2018 Dodge Durango Pursuit** include a 5.7L V-8 HEMI with Fuel Saver Technology which delivers best in class horsepower (360) and torque; an eight-speed automatic transmission which delivers quick shifts; improved fuel economy; and more.

Circle 4070 for More Information



Medical Backpack with ALICE frame



TSSI is now offering its **M-10 medical packs in versions adaptable to ALICE frames**. This new configuration is even more comfortable; provides 416 cubic inches of internal storage; and the packs can be worn either with, or without, the frame. The designs also accommodate two additional large external pouches without taking up any of the packs' external PALS webbing. **ALICE frame compatible packs** can be ordered as a complete system (including frame, padded belt and additional pouches) or as a basic pack and select accessories for retrofitting to your existing ALICE frame.

Circle 4071 for More Information

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PUBLISHER: Al Menear
ASSOCIATE PUBLISHER: Toni Saturno
MANAGING EDITOR: James Devery
TECHNOLOGY EDITOR: Bill Siuru
ART DIRECTOR: Jeanne Daubner
GENERAL MANAGER: Cindie Bonsall
CIRCULATION MANAGER: Bill Zadlo

ADVERTISING:

Al Menear
Toni Saturno

Performance Publishing, LLC
PO Box 1185

Quakertown, PA 18951-0079

Phone: (215) 538-1240

Fax: (215) 538-1208

E-mail:

info@policeandsecuritynews.com

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BUSTED!

James L. McClinton, Ph.D.

That's gonna be a hot seller this Halloween... A 22-year-old man broke into a GameStop® store in St. Mary's, Georgia, where he was captured on camera wearing a clear plastic wrapper (the kind which holds bundles of bottled water) over his head. Even with the plastic "mask," his face is clearly visible in the surveillance video and St. Mary's police quickly identified and arrested him. The accused already had two active felony warrants for burglary and second-degree criminal damage to property. *(Investigators saw right through his clever disguise.)*

That's why it's called "blow"... A 26-year-old Florida woman was one of two passengers in a car which was swerving in the roadway when it was stopped by Fort Pierce police. An officer approached the car and smelled an odor of marijuana coming from inside. During a search of the car, he found cocaine and marijuana in separate bags inside a purse the woman had on her lap. When questioned about the drugs, she admitted that the marijuana was hers. But, the cocaine was a different story. "I don't know anything about any cocaine," she said. "It's a windy day. It must have flown through the window and into my purse." She was booked on one felony count of cocaine possession and a misdemeanor count of marijuana possession. *(The trouble with putting both feet in your mouth is that you don't have a leg to stand on.)*

They actually needed a law? Thanks, Captain Obvious!... A new Kansas law makes it a crime for police to fornicate with people they pull over for traffic violations or detain in criminal investigations. The new law bans sexual relations "during the course of a traffic stop, a custodial interrogation, an interview in connection with an investigation, or while the law enforcement officer has such person detained." If you're like most of us, you might be thinking that such acts were surely illegal already. But, no, surprisingly, they weren't. *(Why not just pass blanket legislation making it against the law for police to break the law?)*

REAL STORIES OF GENUINE ABSURDITY



That's quite a "handgun" you've got there!...

Sheriff's deputies in Lee County, Florida, are investigating an attempted robbery of a Bonita Springs 7-Eleven store. According to police, a man entered the store with his face covered with a red shirt. The alleged robber demanded all of the cash in the register. He then brandished his weapon – his pointed finger. When the clerk refused the demand, the man ran out of the store and made his escape on a white mountain bike. *(He was "armed with a finger.")*

Always looking for a good excuse to skip a workout... A Planet Fitness customer in Saginaw Township, Michigan, was alarmed to find a Wi-Fi network named "remote detonator" while searching for an available connection. The gym manager evacuated the building and called police who brought in a bomb sniffing dog and declared the facility safe after a three hour shutdown. The Saginaw Township police chief told reporters that people often choose odd names for their Wi-Fi networks, adding that one on his own street is called "FBI surveillance van." *(If you think that was clever, consider the password, "TellMy-WiFiLoveHer.")*

It's a sure bet that she had to ask someone for the phone number... A woman called 911 in St. Petersburg, Florida, and told the operator that she was experiencing a true medical emergency. When the responders arrived, they quickly discovered that her "emergency" was not what they were expecting. She told the medics that she was really, really thirsty and was out of beer, and then asked them if they could they please help her out. Not surprisingly, they responded with a resounding "No." Officers then charged the woman with abuse of 911. *(She was later quoted as saying, "Dilly Dilly.")*

This is 100 times worse than a participation trophy... A 20-year-old Washington State University junior linebacker has been given the University's Center for Community Engagement Community Involvement Award after he put in 240 hours of community service. The athlete didn't exactly volunteer for the time, however. He had been ordered to do so by a judge. The man had pleaded guilty to third-degree assault after hitting another man over the head and running off with his six-pack of beer. The athlete entered into a plea bargain to avoid a felony robbery conviction. *(This is a perfect example of what I consider "criminal" justice.)*

He must have been "break-in dancing"... A man in Fresno, California, managed to lay his hands on a set of office keys. He then broke into the office and stole a laptop. What makes the crime noteworthy is the fact that he put on a show for the video surveillance cameras, including an impromptu happy dance after successfully entering the building. It turns out he was a better dancer than thief because police spotted him nearby carrying the stolen laptop. He initially gave them a fake name and that led to further investigation, revealing several outstanding warrants. He was arrested. *(And, now, he's dancing to "Jailhouse Rock.") P&SN*

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