

P&SN

Police and Security News

Serving Law Enforcement & Homeland Security

MAY/JUNE 2016
VOLUME 32 ISSUE 3

- Managerial Mistakes to Avoid
- Self-Driving Cars
- How to Go the Distance

DEADLY FORCE TRAINING

P.54



PRSRT STD
U. S. Postage Paid
Permit No. 1239
Bellmawr, NJ 08099

DAVS Communications, Inc.
1690 Quarry Rd., P.O. Box 330
Kulpsville, PA 19443
Change Service Requested

SWIFT JUSTICE.



THE FORD **POLICE INTERCEPTOR**[®]

Purpose-built. Engineered in Michigan. Assembled in Illinois. It's the only pursuit-rated vehicle with standard all-wheel drive (AWD). Customized for pursuit driving, it gives you impressive handling and the confidence that no driving conditions can prevent you from catching your guy.*

fordpoliceinterceptor.com



Go Further

*Made in the USA with domestic and foreign parts.

Circle 3000 for More Information



Online Undergraduate, Graduate & Certificate Studies in

Public Safety & Homeland Security

Meeting the professional advancement needs of those committed to protecting the public.

Earn your career credentials without job interruption through Fairleigh Dickinson University's respected online degree and certificate offerings. Established in 1942, FDU is New Jersey's largest private university with 12,000 students worldwide.



Degree Offerings

- Master of Administrative Science
- Master of Science in Homeland Security
- Bachelor of Arts in Individualized Studies

Certificate Studies

Career-relevant programs are available at the graduate and undergraduate level in such areas as **terrorism, forensics, global security, disaster and emergency management, transit safety, homeland security**, and more. Credits earned can be applied toward the appropriate degree program.

- FDU is proud to participate in the Yellow Ribbon G.I. Education Advancement program enabling eligible veterans to attend FDU at no charge.
- FDU accepts Federal Tuition Assistance (FTA) for undergraduate and graduate courses (*restrictions apply*).
- No entrance exams required.

For More Information

Undergraduate Programs

JoAnna Steiner
201-692-7357
online@fdu.edu

Graduate Programs

Ronald E. Calissi
201-692-6522
calissi@fdu.edu

THE LEADER IN GLOBAL EDUCATION



**FAIRLEIGH
DICKINSON
UNIVERSITY**

fdu.edu/mas

See us at the Police Security Expo - Booth #1828

Circle 3001 for More Information

CALL TODAY. CLASSES BEGIN YEAR-ROUND.

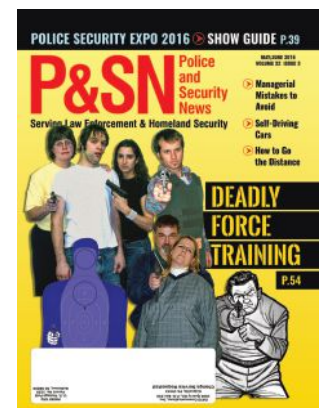
Serving Law Enforcement & Homeland Security

May/June 2016
Volume 32 • Issue 3
policeandsecuritynews.com

COLUMNS

- ...and nothing but the truth 6**
Future World
- Focus on Technology 10**
Police Vehicles and Equipment
- Law Enforcement Leadership .. 12**
Managerial Mistakes to Avoid
- Product Highlight 18**
Training Simulators and Equipment
- Legal Update 20**
Our Second Amendment Protects Stun Guns
- Above and Beyond 24**
Honoring Those Who Take Risks and Save Lives
- The Wheels of Justice 26**
Rising Up from the Ashes
- Technology from the Past 63**
The Police Tear Bomb
- New Technology 80**
- Busted! 82**
Real Stories of Genuine Absurdity

ON THE COVER



The value of photo-realistic targets which depict armed and dangerous individuals is just one of the many training concepts included in the feature, "Firearms and Deadly Force Training." Front cover images are courtesy of Qualification Targets, Inc. (www.targets.net)



FOCUS

Law Enforcement Weapons

Gun to Empty Hand De-escalation: The Much Needed, but Little Taught, Technique 51
Ralph Mroz
What do you do when there's no time to reholster your sidearm?

Firearms and Deadly Force Training 54
John Michael Callahan
Regular recurrent firearms training is necessary to function safely on the often deadly streets of today.

Preventing Firearms Training Accidents 66
Ralph Mroz
Is there a 100% "leak-proof" safety protocol which is highly practical to implement?

FEATURES

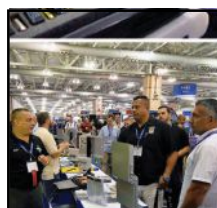
How to Go the Distance 70
Mike Boyle
Offering solutions to the problem of getting older

Self-driving Cars: Intended and Unintended Consequences for Law Enforcement ... 76
Bill Siuru, Ph.D., PE
How may you be affected by this new technology?



SPECIAL SECTION

Police Security Expo 2016 – Official Trade Show Guide 39







PERFECTION



30
YEARS



1986-2016

© 2016 GLOCK, Inc.

CONFIDENCE.
IT'S WHAT YOU CARRY.

Circle 3002 for More Information

+ Learn more at confidence.glock.com/psn

...AND NOTHING BUT THE TRUTH

Ramesh Nyberg

Officer Dudley Doneright arrives at a call – a dispute complaint at the local train station.

“What’s the problem here?”

The complainant is cloaked in a weird gray armor plated suit of some kind and is wearing a pair of pointy ears and a long nose strapped to his head.

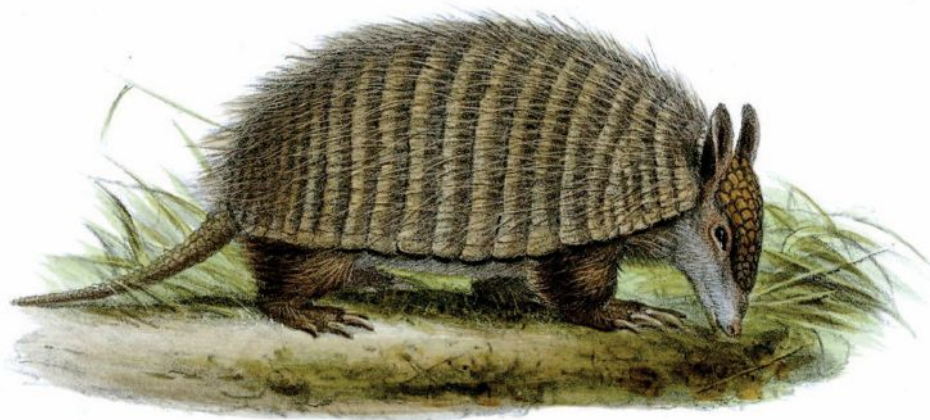
“Officer,” he says, “there is no armadillo-friendly bathroom here. It’s an outrage.”

Doneright frowns. “Armadillo? Hey, you’re a dude, obviously, and I don’t know what costume party you came from, but the men’s room is right over there.”

“No, no no...I don’t identify with the male gender. I identify with the sexuality of armadillos. I’m a transdillo. Perhaps you’ve heard of us? The Transdillo Society? We fight for the rights of TD people everywhere.”

Officer Doneright scratches his head. “I’m not...really...sure...if...”

“Well, you should be more aware. Your police department clearly lacks training and sensitivity.”



Future World

As our scene opens, it is the future, the near future, maybe even a year from now - in Anytown, USA.

The security guard breaks in. “Listen, officer, I don’t know what to do here. We have five different bathrooms already: men, women, family, transgender, and handicapped.”

“How dare you say handicapped!” the TD says. “That’s so 1995!”

The security guard winces. “He’s going to have to choose one or leave.”

“HE! Did you hear that officer? This person assumed I am male and profiled me right in front of you! Sexist hater!”

“Alright, let’s calm down,” Doneright says, turning to the security guard. “You know, under the new statute, 981.07(b), it is a misdemeanor to refer to people by the old gender pronouns, so please watch yourself.”

“Exactly!” TD says, adjusting his strap on nose.

The security guard shakes his head. “Whatever happened to the First Amendment?” he asks sadly.

“You haven’t heard?” Doneright says. “The Supreme Court is working on it, making some adjustments.”

TD pokes Officer Doneright’s stomach. “I want to know what the city is going to do about this and I want a report!”

“Hey, watch it with the poking,” Doneright says. “You know the rules. You can only poke us from the clavicle down six inches.”

The security guard throws his hands up. “I can’t do anything about the city and what kind of bathrooms they make. I’m just here to make sure people don’t cause trouble, you know?”

“Alright, look, I’m going to call my supervisor.” Doneright gets on the radio and, moments later, a huge uniformed man in a golf cart with a police emblem on the side arrives.

“What’s the problem, Doneright?” he says.

“Hey, Sarge, nice golf cart! When did you get that?”

The sarge is panting. “I told the city I was too heavy to walk – shoot, man, I’m up to 385 pounds. So, I told them they

100% ONLINE

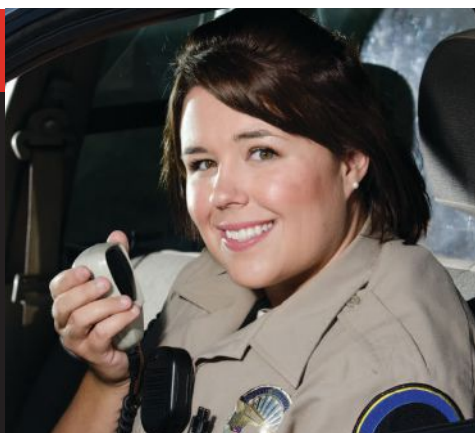
Master of Science LEGAL STUDIES

- Criminal Justice
- Law and Public Policy
- Homeland Security

www.calu.edu/golegalstudies

Bachelor of Arts IN JURISPRUDENCE with a Concentration in Legal Studies

www.calu.edu/gojurisprudence



CALIFORNIA UNIVERSITY
OF PENNSYLVANIA

www.calu.edu/go **CALU**

See us at the Police Security Expo - Booth #1312

Circle 3003 for More Information

better get me a cart to ride around in, so I don't have a heart attack, cuz it'll be on their asses."

TD frowns. "Aren't you police officers supposed to, like, stay in shape and stuff?"

"Hey," the sergeant says, "are you stereotyping us?? Just cuz we're cops, you think we all work out, stay in shape, all that kinda stuff, huh? Cuz that's pretty freakin offensive."

"No, no," TD grins apologetically. "You're right, absolutely right. My bad, my bad."

"By the way, Doneright," Sarge says, "I'm sorry to tell you this, but um...can you...please trim your beard. No offense...really, I don't mean anything by it, but it's pretty damn long."

"SOP says it can be down to my navel, as long as it doesn't obscure the badge. It's still within limits," Doneright says defensively. "Gosh, getting all, like, controlling, aren't you?"

The sarge holds up both hands in surrender. "Alright, alright, I meant no harm. Sorry."

"This man – I mean this, uh, transdillo person here says that the city needs to build a bathroom for, uh...transdillo

people. He wants a report because there isn't one."

The sergeant nods thoughtfully and taps some keys on his laptop which is mounted to the golf cart. "I'll make sure the city commission gets this memo about your complaint, sir."

"Thank you," TD says, crossing his arms, "and don't call me 'sir.' My name is Monarch ScrubNuzzler."

"Monarch...Scrub...Nuzzler," the sarge repeats, tapping on the laptop again. "Got it."

The security guard scratches his head and Doneright motions to him. "You can go back to work now."

The guard looks at his Apple® Watch. "Time for my two hour break anyway. Thanks, officer. And, good luck, uh...Monarch...whatever..."

Doneright arrives home after a long and stressful shift.

"Where's Dudley, Jr.? Still at practice?"

"No, honey," his wife says, "football practice was cancelled. They found a rare miniature beetle living in the soil on the field. It's an endangered beetle. PETA filed a suit against the school board, saying that, if a football cleat injures one

of the beetles, they'll lose government funding for sports. Football is cancelled indefinitely, until they can rescue all the beetles."

"Hmm. So, where is he?"

"He's in the den with Mrs. Jenkins, his math teacher."

"Mrs. Jenkins, his math teacher from school is here?"

"Yes, she actually told him he had to *shape up* or he was going to fail the class. Can you imagine that? So, our son – I'm so proud of him – took the initiative and went to the principal. He complained that Mrs. Jenkins caused a hurtful and unreasonably stressful atmosphere in the classroom. The school sent her here to apologize to him."

"That's my boy. He'll be a helluva lawyer someday."

"I agree! And, now that law schools can no longer require that pesky bachelor's degree prerequisite, our little Dudley can get a student loan based on his terrific C average at the community college and go right in!"

I guess it's safe to say that "we've met the enemy and it are us." Or, something like that. Hey, grammar won't matter much



Cruising Eyes With

MOBILE LPR

L-3's AlertVU™ Mobile License Plate Recognition (LPR) System can be used for highway interdiction, as well as parking lot and neighborhood patrols, where it pays for itself. AlertVU is the solution you need to capture the critical information to respond quickly and effectively.

Capture the Evidence. Capture the Truth.



Learn more at
www.mobile-vision.com/alpr

Mobile-Vision, Inc.

See us at the Police Security Expo - Booth #1706

Circle 3004 for More Information

policeandsecuritynews.com • May/June 2016 • Page 7

PROVEN LEADING EDGE TRAINING

PLUS



(703) 267-1640
<http://le.nra.org>



**Police Shooting Competitions &
The National Police Shooting Championships
Scholarship Awards & Member Benefits
Law Enforcement Officer of the Year
Law Enforcement Training Materials**

See us at the Police Security Expo - Booth #1853

Circle 3005 for More Information

one day, as I think we'll all be using text acronyms to communicate.

When did our society get this way? I guess it's been brewing for a while. Change isn't all bad and I'm open-minded enough to accept a lot of things. I just wonder that, if we start allowing and accepting *everything* for the sake of not hurting anyone's feelings, we're going to end up a very, very selfish place, with no understanding – or even concern – for things like appropriateness, etiquette, and that word which is the building block of all of our laws: *reason*.

I know – I'm so 1995. **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.

AEROSOL SUBJECT CONTROL SPRAYS

Proven Formulas ➤ Multiple Shots
Multiple Assailants ➤ Works in Cold Temps
No Batteries/No Wires ➤ Cheap to Operate

NEW! Easier Flip Top Style Case & Faster To Use

Aerko Intl.
516 NE 34th Street
Fort Lauderdale, FL 33334
800.565.8475
Fax 954.565.8499
www.aerko.com

FREEZE +P 2K3 PUNCH II 2K3 PUNCH III PUNCH II STREAMER

Circle 3007 for More Information



Constant Observation With
FIXED LPR

L-3's AlertVU™ Fixed License Plate Recognition (LPR) System can be placed virtually anywhere to capture license plates at various angles and lighting conditions, including total darkness. AlertVU provides the right solution to capture the information you need to respond quickly and effectively.

Capture the Evidence. Capture the Truth.



Learn more at
www.mobile-vision.com/alpr

Mobile-Vision, Inc.

FOCUS ON TECHNOLOGY

Police Vehicles and Equipment

New Secure Console Insert for Ford F150



Tuffy Security Products has introduced a **console insert for the Ford F150**. Making full use of the factory accessory tray, armrest and lid, the insert features a lid support to keep the lid open while accessing the contents; 16-gauge steel construction; Tuffy's Pry-Guard locking system; and access to an optional USB and power outlets inside the console.

Circle 3008 for More Information

New Factory "No Profile" Front Interior Visor Lightbar



Ford has announced that it will offer a new, factory installed, **front interior visor lightbar** which provides a stealth appearance for Police Interceptor Utility vehicles. When activated, it flashes bright alternating red and blue bars through the top of the windshield. It can also be programmed for red/red or blue/blue operation.

Another advantage of the new **interior visor light** is that the dark shade band at the top of the windshield is replaced by clear glass when the light is ordered, providing superior color visibility and brightness.

The **visor light** features bright white "takedown" and "scene" capabilities for excellent forward visibility. It can be programmed from full intensity down to 20 percent and provides auto-dimming capability as well.

Circle 3011 for More Information



Capture the Plate, Capture the Suspect

Law enforcement agencies today are expected to do more with less. Purpose-built with law enforcement in mind, L-3's **AlertVU™ Automatic License Plate Recognition Systems** is the smart solution for agencies to place extra eyes on the street. With the AlertVU Fixed, Portable

and Mobile options, there's a solution for any location which needs coverage.

AlertVU Fixed LPR – Capturing license plates at longer distances and sharper angles than traditional LPR systems, it's possible to position these systems further from the road and utilize existing structures such as road signs or poles.

AlertVU Portable LPR – Positioned on a self-powered trailer, this solution can be easily transported to virtually any location to capture license plates at seasonal hotspots or create temporary geo-fencing for emergency management or dignitary visits.

AlertVU Mobile LPR – With cameras placed on the front, top and back of patrol cars, this solution can easily capture license plates while patrolling neighborhoods, parking lots or highways.

L-3's **AlertVU LPR** systems provides instant alerts so agencies can quickly and easily identify vehicles with suspended or expired licenses; drug or other trafficking warrants; and Amber alerts.

Each successful plate capture is an opportunity to identify and engage violators and suspects fast. Not only does it help to keep communities safer, but it may also help agencies recoup their investment in this much needed technology.

Circle 3009 for More Information

Havis Universal Tablet Cradle



The **Havis UT-300 Series** is the latest in Havis' very successful Universal Cradles product line. It is compatible with numerous 7"-9" tablet models, and is designed with unique, easy to use, three point adjustment controls for ultimate versatility. Universal Cradles are designed to fit with the tablet's protective cover and feature a simple latch handle for added safety and security inside your vehicle.

Circle 3010 for More Information

New Lightbar



Code 3®, Inc. recently introduced the **Defender® with QuadCore™**. The QuadCore light heads utilize a streamlined design which uses less parts for maintenance-free operation and a new, more efficient heat sink. A microoptic diffuser and low profile faceted optic shape provide a more uniform spread of light. Three suboptics capture light efficiently for superior light concentration, providing high color intensity in both daytime and low light situations.

A new central controller board provides numerous flash pattern options and also makes programming flash patterns easier than ever.

The **Defender with QuadCore** comes in many standard lengths and has a height of 2.25" and a depth of 13.5". The **Defender with QuadCore** comes standard with a black intermolded solar barrier, with red, blue or amber optional.

Circle 3012 for More Information



Tactical Gear Drawers with Multiple Configurations

From Tuffy Security Products comes **customizable drawer units** which are crafted from 16-gauge steel and incorporate eight heavy-duty stainless steel roller bearings. Available in multiple standard configurations, such as side-by-side drawers and over/under drawers, other options include a vented electronics enclosure, drawer divider kits, foam inserts, and carpet trim kits to protect all of your gear, electronics, and weapons.

Circle 3017 for More Information

New Upgrade to the Citadel Lineup



Code 3®, Inc. recently introduced the **Citadel with Mega Thin LEDs** which is the latest upgrade to the Citadel lineup. Using **Mega Thin LEDs** allows for a brighter, sleeker, rear spoiler light with a larger variety of flash patterns and also provides superior off angle lighting.

Mega Thin LEDs also provide a slimmer front profile for the Citadel and allow for more flash pattern options (29 for single or split color models and 62 for multicolor versions).

The new **Citadel with Mega Thin LEDs** fit both the Ford PI Utility and Explorer, as well as the Chevy Tahoe and Suburban.

Circle 3014 for More Information

New Vehicle Pistol Box



Lund Industries, Inc. has introduced a pistol box designed to secure your handgun on the floor of your vehicle. The **FMPB-814D** includes the pistol box and a universal floor mount kit. Located within the driver's reach, the pistol box is mounted on the passenger side rear foot well and features foam lined sides. It measures 8" wide x 14" long x 3.25" high.

Circle 3015 for More Information

New Computer/Console System



TROY PRODUCTS now offers a space-saving **computer/console system** for the Ford Police Interceptor Utility. The **computer mount** opens as a door to access the dashboard controls and, when closed, the computer is tilted toward the driver. The **console** allows flush mounting of the components in a 10" slope and sits low between the seats to allow access to the other side of the vehicle. The 16" **console** footprint increases officer hip room.

Circle 3016 for More Information



Capture Anywhere With

Portable LPR

L-3's AlertVU™ Portable License Plate Recognition (LPR) System is a self-contained solar-powered system that can be placed almost anywhere for temporary geo-fencing, special events and seasonal hot spots. AlertVU provides the right solution to capture the information you need to respond quickly and effectively.

Capture the Evidence. Capture the Truth.



Learn more at
www.mobile-vision.com/alpr

Mobile-Vision, Inc.

See us at the Police Security Expo - Booth #1706

Circle 3013 for More Information

policeandsecuritynews.com • May/June 2016 • Page 11

LAW ENFORCEMENT LEADERSHIP

Managerial Mistakes to Avoid

Michael Carpenter

WHAT ARE THE MOST COMMON MISTAKES MADE BY MANAGEMENT PERSONNEL?

While conducting a leadership training seminar for police managers at an academy several years ago, we decided to do a class exercise during one particular block of instruction. We took a survey of the command level managers who were attending this managerial training class and asked them to write down a list of the



administrative mistakes they had made in their careers. We found the results very interesting. More than half of the class didn't list any mistakes they had made,

while the other commanders (a few honest ones?) in the class only listed one or two. We then asked the same group of managers to make a second list of some of the mistakes they had seen *OTHER* managers make. They had no problem creating a long list!

We conducted that same exercise at other managerial training classes after that and we received similar results.

From that second list of mistakes which *OTHER* managers make, I have listed six which we frequently see. Now, of course, remember that these are mistakes *OTHER* managers make.

Indecision

In a profession which deals with public safety, and where seconds can make the difference between a successful police action or a disaster (or a successful police career or a disaster), it's no wonder that indecision is on this list of management mistakes. The process of making sound and timely decisions is a learnable skill for most people. Therefore, there should be no excuse for a police commander – at any rank – to be guilty of indecision.

Often, a manager's inability to make timely decisions comes from a lack of confidence in his (or her) own abilities. Of course, managers make mistakes, especially in critical incidents where they have limited resources, limited information and limited time to seek input and support. And, of course, their subordinates make mistakes, whether through lack of experience, lack of training or lack of common sense. A commander cannot avoid making mistakes, but too many poor bosses avoid making decisions in hopes of not making a mistake. Successful commanders have the knowledge, skills and abilities to deal with the fallout when mistakes are made (and their subordinates know this). Unsuccessful bosses fear making decisions because they know they are incapable of dealing with mistakes (and their subordinates know this, too). They are not leaders – they are merely a person with a title.

Failure to Motivate Subordinates

When subordinates fail to meet a commander's expectations, he (or she) should try to motivate the individual member who is underperforming. Motivation can be defined very simply. A typical dictionary definition would be, "The general desire or willingness of someone to do something." But, any successful commander knows that there is far more to this simple definition than those ten words. Good bosses are good because they inspire their subordinates to "do something." Too many bad bosses believe they have

DURABLE NEW FOR 2016
LIGHTWEIGHT
AMAZINGLY BRIGHT
Solutions for Patrolmen to Corrections. Trusted by Thousands of LEO's just like YOU.

E9 CH600R

FL1 STANDARD
1020 LUMENS

NO HASSLE LIFETIME WARRANTY

The **PowerTac E9** is truly the ultimate lighting device! Packing four brightness levels including a tactical strobe, 225+ meter throw and an impressive 2.2 hr burn time on high. Simple usage where the rear button provides simple on/off, while the side button allows mode change; Ensuring that your light will always illuminate at the level anticipated. Rechargeable and rifle mount options are available.

Purchase online and use code: PSN0116 for LE Discount
Large orders please call

Phone: 845-649-3802 • Sales@powertaclights.com
www.PowertacLights.com

See us at the Police Security Expo - Booth #719

Circle 3018 for More Information

FEATURING THE STRONGARM®

UNSTOPPABLE



800.537.2659 • 711 N. POST ROAD SHELBY, NC 28150 • JAWSOFLIFE.COM



STARRING
POWER

STARRING
SPEED

STARRING
PORTABLE DESIGN

See us at the
Police Security Expo -
Booth #620

E FOR EXTREME AUDIENCES 
SOME TOOLS MAY CAUSE SUPERHUMAN STRENGTH. ®

IN THE RACE AGAINST TIME TO SAVE LIVES,
EMERGENCY RESPONDERS REQUIRE UNRELENTING
POWER AND SPEED. STRONGARM BY HURST JAWS
OF LIFE IS POWERFUL YET PORTABLE, HELPING HEROES CUT,
LIFT, **SPREAD AND BREAK** DOWN DOORS WITH EASE.
WHEN THE GOLDEN HOUR STRIKES, **ARM YOURSELF WITH**
THE **UNSTOPPABLE STRONGARM.**

BUILT TO EXTEND LIVES® **HURST**
JAWS OF LIFE®
Circle 3019 for More Information

to order their subordinates to “do something.” Many studies have been done on the topic of employee motivation and the common denominator in all of them is that successful bosses get the job done AND take care of their subordinates. Bad bosses give orders, yell, promote fear and their subordinates do not like them or respect them. Good bosses inspire their subordinates.

Failure to Give Positive Reinforcement

The very nature of police work requires officers to catch people doing something wrong. After years of this behavior on the street, officers are promoted and continue to do what they do best – catch people doing something wrong. The problem is that they try to catch their subordinates doing something wrong. Police commanders at all ranks need to overcome their past if they are to avoid this managerial mistake. Your people want to be commended for exceptional work, as

well as simply being recognized for doing everyday work well. Take the time out of your busy day to catch some of your people doing something right. If you have ever tried to train a dog or raise children, you know that positive reinforcement is much more meaningful and more long lasting than negative reinforcement.

The next three managerial mistakes are all interrelated and are very common mistakes made by both new and experienced police commanders. Try to avoid all of them – individually and collectively.

Failure to Solicit Input from Subordinates

It is a foolish commander who thinks he (or she) knows everything and makes a perfect decision every time. Your people have information which can help you make a better decision in a given situation. They can also help you foresee any problems down the road when you select one option over another. However, you have to be smart enough and willing to

work with your subordinates as a team. On a team, every player has a role to play and every role is important if the team is going to be successful. Successful bosses know that.

Another common problem in policing is that we become used to giving orders to people and we expect immediate compliance with those orders – no questions asked! That is what happens when we arrest someone or when we have to stop people from doing what they want to do. We become very good at giving orders and we don't often ask for input from those we manage about what's going on. So, after a few years of this, we get promoted and then we continue old habits. It's a very bad habit to get into!

Successful bosses realize that many of their officers are very sharp people. They have ideas, talents and knowledge which they would like to share – if someone would give them a chance. We all have ideas, information and opinions which might actually help the department/agency or help the boss to solve a problem. Give your employees a chance. Even if the final decision doesn't go their way, they will feel some ownership of the process and the satisfaction of having had the opportunity to be heard.

Coming on Too Strong

A police supervisor or manager has to battle a set of skills that, on the street, might be very beneficial and useful. We want to instill a hard to describe, but very important, phrase called “command presence” in all of our police officers. We want them to demonstrate confidence and assertiveness, yet we don't want them to overdo it and come on too strong with the public. Where is the balance point with our officers? Where is the balance point with our supervisors and commanders?

Newly promoted supervisors or bosses of all ranks who take over a new unit or a new command are often told that it is better to come on a little too strong than a little too weak. The theory supporting this is that it will be much easier to “back off” a little once established than it is to retake any position your weakness gave up. That is not necessarily bad advice, but how strong is too strong? As the new commander, you need to evaluate the unit's mission, performance and personalities. Remember that your “command presence” may be matched by any, or all, of your subordinates’ “command presence” and that they are not easily bullied or easily intimidated.

ADORAMA
LAW ENFORCEMENT & FORENSIC SUPPLIES

WE'VE GOT YOUR BACK
The Largest Selection of Tactical, Photo & Forensics Equipment for On The Scene, In The Field or In The Office

SCAN OUR LINEUP

Caroleann Fusco • 888-874-1586
caroleannf@adorama.com
adorama.com

See us at the Police Security Expo - Booth #'s 918 & 920

Circle 3020 for More Information

DEFENDER[®]

WITH

QUADCORE[™]

TECHNOLOGY



The new Defender[®] with QuadCore[™] is an exciting advancement of our Defender series lightbar. State-of-the-art changes to the lighthead and an all-new circuit board provide more efficient operation, more flash patterns, and the same superior light output as before. Visit code3esg.com to learn more about the new standard in visibility.

Lighthead Benefits:

- Patented micro-optic diffuser and low-profile faceted optic shape provide a more uniform spread of light
- 3 sub-optics capture light efficiently for superior light concentration, providing high color intensity in either daytime or low light situations

See Us At
Police Security
Expo
Booth 1318

CODE 3[®]

A Division of ESG | www.code3esg.com | 314.426.2700

Circle 3021 for More Information

Being Too Autocratic

It is quite possible to be a strong leader without being perceived as "ironhanded." Professional commanders focus primarily on their "people skills." "Technical skills" are important, but you can often find someone with technical skills to help you solve that kind of problem. Often, the defining characteristics of successful bosses can all be put under the label of "people skills."

Of course, there are times when you must, as a police commander, lean toward the autocratic. For example, at a hostage situation when you tell the SWAT team to engage, there shouldn't be a lot of room for a group discussion about their "feelings" or whether the group feels it is a good decision! However, most of the time you can operate in a subordinate friendly and approachable manner.

You should treat your people with dignity and respect and seek their input on both important and small matters. A

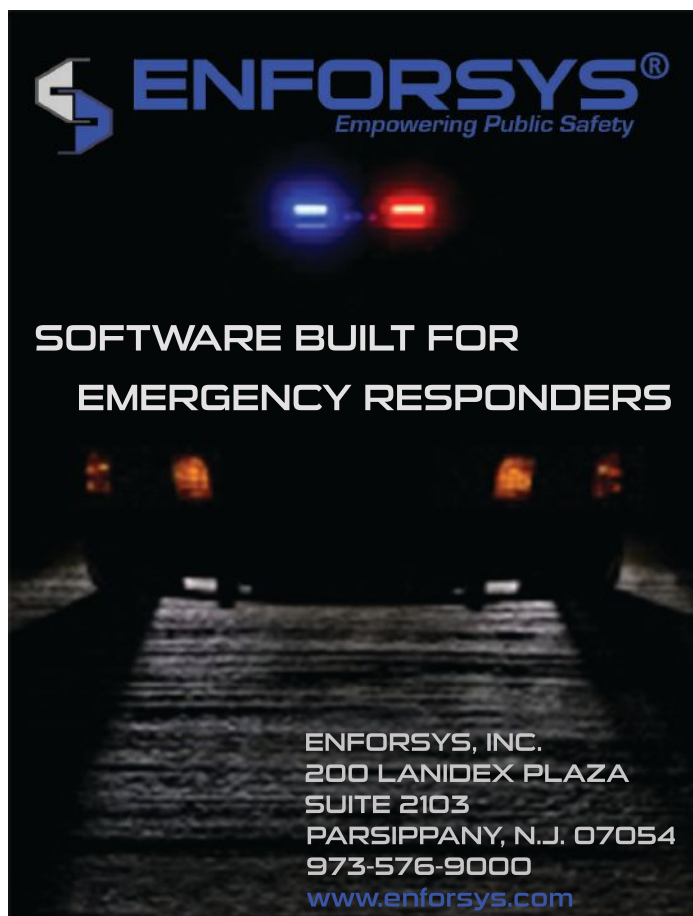
well-known management theory about this is called "Theory X-Theory Y." Basically, this theory says that Theory X bosses believe their employees are lazy, cannot be trusted, have nothing of value to add and need to be ordered to do things. "Theory Y" bosses believe that employees want to get involved; accept and often seek added responsibility; are creative; and have something to offer to the agency. Theory X bosses are referred to as "autocratic" because they believe they have to order their subordinates; have to watch them every minute because they can't be trusted; and have to use fear and the threat of discipline to get them to do anything. Theory Y bosses are called "democratic" and they believe in "participative management."

In your career as a supervisor or commander, rest assured that you will occasionally make a managerial mistake. Mistakes come with the title and they also come from being human. However, with

a healthy dose of leadership skills, confidence in your own abilities, and now being able to avoid the six common mistakes that you just read about, you'll be able to avoid the mistakes you see *OTHER* managers make.

Best wishes for a long and successful career. **P&SN**

Mike Carpenter has been working in the field of law enforcement in a number of different positions and assignments for more than 30 years. He has held several supervisory and administrative positions; has written several books on the topic of police leadership and supervision; and has had more than 100 articles published. He is currently a professor of criminal justice at a college in upstate New York and also runs a successful consulting business called Police Management Services (www.policemanagement.com). You can contact Mike at MJCarpenterX2@yahoo.com.



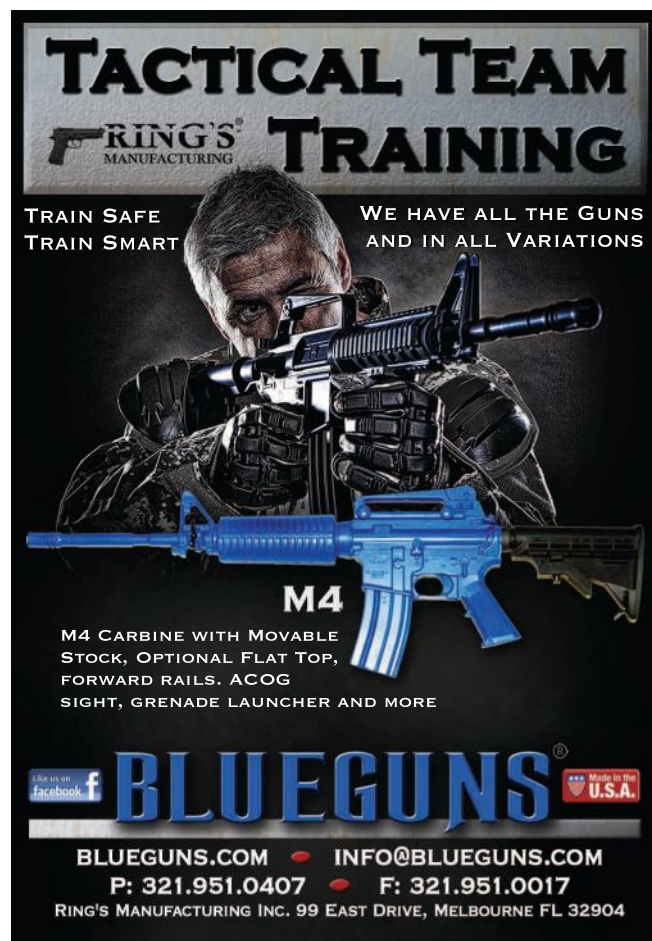
ENFORSYS®
Empowering Public Safety

**SOFTWARE BUILT FOR
EMERGENCY RESPONDERS**

ENFORSYS, INC.
200 LANIDEX PLAZA
SUITE 2103
PARSIPPANY, N.J. 07054
973-576-9000
www.enforsys.com

See us at the Police Security Expo - Booth #1843

Circle 3022 for More Information



TACTICAL TEAM
RING'S MANUFACTURING
TRAINING

**TRAIN SAFE
TRAIN SMART**

**WE HAVE ALL THE GUNS
AND IN ALL VARIATIONS**

M4

M4 CARBINE WITH MOVABLE STOCK, OPTIONAL FLAT TOP, FORWARD RAILS. ACOG SIGHT, GRENADE LAUNCHER AND MORE

BLUEGUNS®

BLUEGUNS.COM • **INFO@BLUEGUNS.COM**
P: 321.951.0407 • **F: 321.951.0017**
RING'S MANUFACTURING INC. 99 EAST DRIVE, MELBOURNE FL 32904

Circle 3023 for More Information

THIS DOESN'T SET THE BAR IT BREAKS IT.



ALPHA ELITE

higher protection | lower weight | cost-effective

It's simple: If you can't move freely, you can't do your job. That's what makes the new Alpha Elite™ series such a breakthrough. Its ballistic performance is off the charts. Yet its totally unprecedented light weight and flexibility give you entirely unheard-of maneuverability. The first body armor made with revolutionary Dyneema® Force Multiplier Technology by DSM, Alpha Elite™ combines radically advanced polymer science and next-generation fiber technology with unique uni-directional engineering. The result is an entirely new standard for ballistic protection and comfort. Not only is it certified to NIJ 0101.06, but to standards around the world. And Point Blank delivers it to you faster than any other body armor company. [Learn more at eliteproven.com](http://eliteproven.com).

eliteproven.com 800.413.5155



Dyneema® and Dyneema® Force Multiplier Technology are trademarks of DSM.

See us at the Police Security Expo - Booth #1437

Circle 3024 for More Information

PRODUCT HIGHLIGHT

Training Simulators and Equipment



**UMAREX
USA, INC.**

The new HK416 is a .43 caliber **training marker** which shoots powder, paintball, or rubber rounds. The 1:1 replica of the HK416 is ideal for force on force, CQB, or active shooting training and costs less than ten cents per round.

Circle 3026 for More Information

NRA LAW ENFORCEMENT DIVISION



NRA Law Enforcement **Instructor Development Manuals** are available on CD-ROM in Microsoft® Word format. They are available for Handgun/Shotgun, Handgun, Patrol Rifle, Tactical Shooting, Precision Rifle, Tactical Shotgun and Select-fire.

Also available are **PowerPoint Training Aids** for the following disciplines: Handgun/Shotgun (the same handgun presentation utilized in the Handgun Instructor School), Patrol Rifle, Precision Rifle, and Tactical Shotgun (includes less-lethal munitions). These presentations are similar to what is utilized in NRA law enforcement instructor schools and allows you, the instructor, to customize the presentation for your agencies' needs. They include presentations for range safety, handling, marksmanship, zeroing, use of cover and low light shooting.

Circle 3028 for More Information

RING'S MANUFACTURING



Ring's has introduced the **Springfield Armory XD Mod.2 9mm and 9mm Extended Magazine training pistol replicas**. They are molded from blue polyurethane to differentiate them from live weapons. The **Blueguns XD Mod.2 training pistols** are 1:1 exact replicas of the originals to allow officers to train safely in realistic scenarios without using their duty firearms.

Circle 3030 for More Information

MILO RANGE TRAINING SYSTEMS



The **MILO Range Theater** system provides law enforcement agencies with a fully immersive training environment. With its enhanced field of view, instructors can increase trainee realism and offer true to life training scenarios. The **MILO Range**

Theater is interactive from all directions, allowing trainee responses to multiple threats and applications of proper tactics simultaneously. The system is operated by a single instructor using either a touchscreen monitor or a wireless tablet.

It is available in 180 degree and 300 degree configurations. The Theater 180 system offers a three screen configuration which provides an enhanced field of view for even more realism and effectiveness and the Theater 300 system offers a fully immersive, five screen configuration which provides the most challenging and realistic training environment. Both systems provide a surround sound system; eight lane laser hit detection; two trainee weapon sets (with firearm lasers, OC lasers, Tasers and flashlights) and scenario authoring.

Circle 3027 for More Information

CUBIC CORPORATION

Cubic Global Defense (Cubic) recently introduced the new **PRISim® Portable Trainer™**.

The system features a tablet controller, a new camera capable of tracking up to eight independent lasers and an HD projector which allows the system to be placed within six feet of the wall – opening up the training area to allow for better movement to cover exercises. The system also comes in a self-contained ruggedized case which allows for setup of equipment in less than ten minutes. This system also features a no-touch calibration routine and comprehensive and user-friendly graphical user interface.

Circle 3029 for More Information

MOUNTAIN SHOOTING CENTER



Located in the Escalante Mountain Range in Utah, the **Mountain Shooting Center (MSC)** is situated on 100,000 acres, with ranges which offer angle fire and cross canyon shooting from 300 meters to well over

a mile. Originally built for snipers and the SEAL Team, the veteran owned **MSC** features various shooting stations with several hundred targets. The winds provide a challenge which magnifies the shooter's skill set in an urban environment.

Circle 3031 for More Information

NEWS

Department of Justice Opens Grant Solicitation to Help Local Law Enforcement Hire Additional Community Policing Officers

Funding Is Targeted for Agencies Seeking to Advance Public Safety Through Community Policing

The Department of Justice Office of Community Oriented Policing Services (COPS Office) recently announced that it is accepting applications for funding through the COPS Hiring Program. The grant program provides funds directly to state, local and tribal law enforcement agencies to hire and/or rehire career law enforcement officers to increase their community policing capacity and crime prevention efforts. Applications will be accepted through June 23, 2016.

The COPS Office is committed to advancing the recommendations in the *President's Task Force on 21st Century Policing Report* and will give consideration to agencies which are focused on building trust between their departments and the communities they serve.

The COPS Office, headed by Director Ronald Davis, is the federal component of the Department of Justice responsible for advancing community policing nationwide.

For additional information about the COPS Office, please visit www.cops.usdoj.gov.

*No more missed opportunities,
Accuracy is a snap with an*



Fast • Accurate • Reliable
All Mechanical - No Electronic Failures

Angle Cosine Indicator • Angle Degree Indicator
For **MAJOR LEAGUE** Angle Fire
Sniper Tools Design Co. LLC
www.snipertools.com
800.651.1050

SNIPER TOOLS DESIGN COMPANY, LLC.
MADE IN AMERICA

Circle 3033 for More Information

Order Now for National Night Out™

Customized



Photo Props



Send an Image of Your Uniform and We Will Make it Happen!



**Largest Selection
of Coloring Books**

Available: Bullying, Bike Safety,
Internet Safety, and Much More!



**Joshua Marcus
Group, LLC**

(732) 382-0623
www.marcfromclark.com

See us at the Police Security Expo - Booth #1207

Circle 3032 for More Information

LEGAL UPDATE

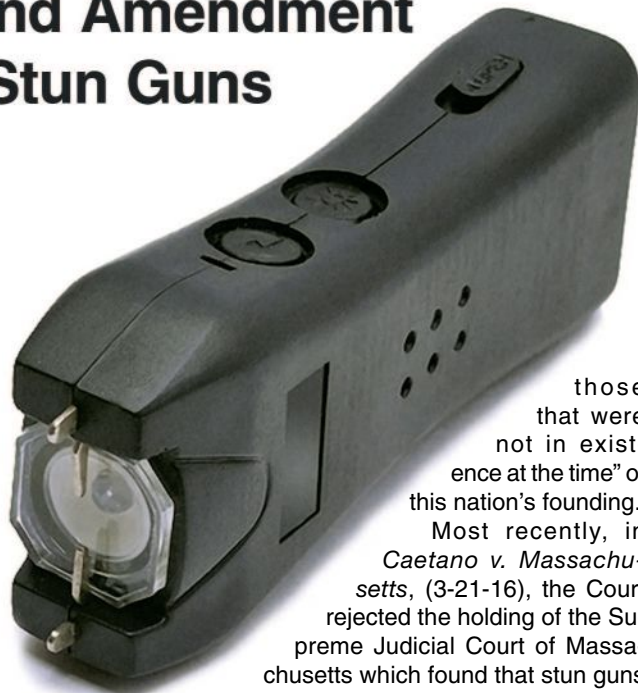
THE CONSTITUTIONAL RIGHT TO "BEAR ARMS" IS NOT LIMITED TO FIREARMS.

Our Second Amendment Protects Stun Guns

Larry E. Holtz, Esq.

It is a well established principle that the Second Amendment protects an individual's right to keep and bear arms and that right applies against both the Federal government and the states – see

District of Columbia v. Heller, 128 S.Ct. 2783,(2008); *McDonald v. Chicago*, 130 S.Ct. 3020 (2010). That right vindicates the "basic right" of "individual self-defense." *Ibid*. Moreover, in *Heller*, the United States Supreme Court held that, on its face, the Second Amendment extends "to all instruments that constitute bearable arms, even



those that were not in existence at the time" of this nation's founding.

Most recently, in *Caetano v. Massachusetts*, (3-21-16), the Court rejected the holding of the Supreme Judicial Court of Massachusetts which found that stun guns were not included under the Second Amendment's umbrella.

The Case: "After a 'bad altercation' with an abusive boyfriend put her in the hospital, Jaime Caetano found herself homeless and 'in fear for her life.' She obtained multiple restraining orders against

her abuser, but they proved futile. So, when a friend offered her a stun gun for self-defense against her former boyfriend, Caetano accepted the weapon."

"It is a good thing she did. One night after leaving work, Caetano found her ex-boyfriend 'waiting for her outside.' He 'started screaming' that she was 'not gonna [expletive deleted] work at this place' any more because she 'should be home with the kids' they had together. Caetano's abuser towered over her by nearly a foot and outweighed her by close to 100 pounds. But she didn't need physical strength to protect herself. She stood her ground, displayed the stun gun, and announced, 'I'm not gonna take this anymore. I don't wanna have to [use the stun gun on] you, but if you don't leave me alone, I'm gonna have to.' The gambit worked. The ex-boyfriend 'got scared and he left her alone.'"

In the fall of 2011, police discovered that she was in possession of the stun gun. She was arrested, tried and convicted under a Massachusetts law which outlaws the possession of stun guns. The Massachusetts Supreme Judicial Court affirmed her conviction.

The Massachusetts court provided three reasons to support its holding that the Second Amendment does not extend to stun guns. "First, the court explained that stun guns are not protected because they 'were not in common use at the time of the Second Amendment's enactment.' " This reason, however, is inconsistent with *Heller's* clear statement that the Second Amendment extends to arms "that were not in existence at the time of the founding."

The state court next discussed whether stun guns are "dangerous *per se* and unusual," in an attempt to apply an "important limitation on the right to keep and carry arms," referring to the historical tradition of prohibiting the carrying of "dangerous and unusual weapons." In so doing, the state court concluded that stun guns are "unusual" because they are "a thoroughly modern invention." Nonetheless, by "equating 'unusual' with 'in common use at the time of the Second Amendment's enactment,' that court's second explanation is the same as the first; it is inconsistent with *Heller* for the same reason."

TacView® 3.10 - Only \$1995.00



- The TacView 3.10 is a weatherproof, pole mounted, IR/color camera which can help you search areas in daylight or in total darkness.
- The Telescopic Pole is expandable from three (3) feet to ten (10) feet.
- Optional one hundred (100) feet of extension cable which enables the detachable camera head to be positioned away from the monitor and behind cover
- Two (2) year warranty and thirty (30) day unconditional money back guarantee

TacView, Inc. 1300 S. Frazier Ste. 206 Conroe, TX 77301
Tel. 936.756.4555 Web: www.tacview.com



Circle 3035 for More Information



PRIMA FACIE Body Worn Camera

#1 RATED BODY CAMERA BY THE U.S. DEPARTMENT OF HOMELAND SECURITY

The Prima Facie® body worn camera collects full motion video while combining even more advanced features; high resolution digital stills greatly enhance the documentation of crime scenes, and audio-only recording is convenient for interviews or collecting witness statements. The automatic IR illuminators allow action to be seen in total darkness, and the 2 inch LCD screen allows recorded media to be instantly reviewed. The unique two-way radio interface allows the Prima Facie to replace existing chest mounted microphones, reducing weight and bulk.

Prima Facie provides all of these features without the use of constricting multi-year contracts, giving you the freedom to decide your agency's own data management plan.



8-bay Charging Dock

Find out more today

www.safetyvision.com

800.880.8855



**SAFETY
VISION®**

Copyright © 2016 Safety Vision, LLC. All Rights Reserved.

See us at the Police Security Expo - Booth #1642

Circle 3036 for More Information

"Finally, the court used 'a contemporary lens' and found nothing [to] suggest that [stun guns] are readily adaptable to use in the military." But, as pointed out by the United States Supreme Court, *Heller* "rejected the proposition 'that only those weapons useful in warfare are protected.' "

For those reasons, the federal Supreme Court reversed the Massachusetts court and held that stun guns are protected by the Second Amendment. As pointed out by Justice Alito's concurrence:

Caetano's encounter with her violent ex-boyfriend illustrates the connection between those fundamental rights: By arming herself, Caetano was able to protect against a physical threat that restraining orders had proved useless to prevent. And, commendably, she did so by using a weapon that posed little, if any, danger of permanently harming either herself or the father of her children.

Under Massachusetts law, however, Caetano's mere possession of the stun gun that may have saved her life made her a criminal. * * *

"Good lawyers know the law;
great lawyers know the judge."

— Author Unknown

This reasoning defies our decision in *Heller*, which rejected as "bordering on the frivolous" the argument "that only those arms in existence in the 18th century are protected by the Second Amendment." The decision below also does a grave disservice to vulnerable individuals like Caetano who must defend themselves because the State will not. * * *

Electronic stun guns are no more exempt from the Second Amendment's protections, simply because they were unknown to the First Congress, than electronic communications are exempt from the First Amendment, or electronic imaging devices are exempt from the Fourth

Amendment. * * * As *Heller* aptly put it, "We do not interpret constitutional rights that way." * * * [T]he pertinent Second Amendment inquiry is whether stun guns are commonly possessed by law-abiding citizens for lawful purposes today.

Accordingly, although "less popular than handguns, stun guns are widely owned and accepted as a legitimate means of self-defense across the country," and "Massachusetts' categorical ban of such weapons therefore violates the Second Amendment." **P&SN**

Larry E. Holtz has served as a Detective Sergeant with the Atlantic City, New Jersey, Police Department; a Deputy Attorney General for the state of New Jersey; and an Assistant County Prosecutor. Mr. Holtz is a certified police trainer and teaches on a regular basis. He is a member of the bar in New Jersey, Pennsylvania and the District of Columbia and is admitted to practice before the federal bar in the District of New Jersey and the Third Circuit.



C.H.A.M.P.™

Patents Pending

We didn't invent concealment,
we just perfected it!

- Very Compact
- Multi Position
- Ambidextrous
- Optional Paddle





Paddle Available Separately

MSRP
\$39.99
Style 128




800-GUNHIDE 631-841-6300

Dept #PS56

431 Bayview Ave., Amityville, NY 11701

www.desantisholster.com



See us at the Police Security Expo - Booth #1802

Circle 3037 for More Information



EXO PLATE CARRIER

XPC

The Condor EXO Plate Carrier is designed for maximum protection. Made to hold soft armor and plates, XPC will provide you the needed protection in dangerous environments. With its padded interior and shoulders for added comfort and articulation, you will be able to perform at your peak in the field.

COMBAT SHIRT

101065

The Condor Combat Shirt is what everyone has been asking for. Fully functional and comfortably fit, our combat shirt is ready to go with you wherever you're needed. From Raglan cut sleeves for improved range of motion to anti-static and anti-microbial finishes on the chest, the Combat Shirt is ready to help you perform at your best.

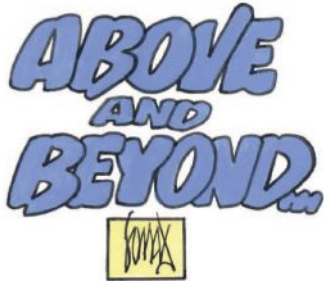
See us at the Police Security Expo - Booth #2020

Circle 3038 for More Information

WWW.CONDOROUTDOOR.COM

ABOVE AND BEYOND

“Above and Beyond...” salutes Deputy Todd Volk of the Madison County, NE, Sheriff’s Office



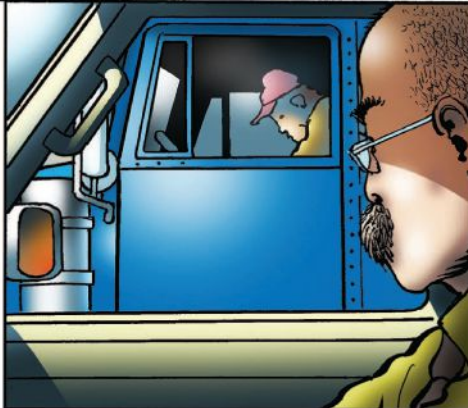
Artwork by Don Lomax

NORFOLK, NEBRASKA
DECEMBER 2, 2015



MADISON COUNTY DEPUTY TODD VOLK AND OTHER OFFICERS RESPONDED TO A 911 CALL CONCERNING A RECKLESS SEMI TRUCK DRIVING NORTHBOUND ON HIGHWAY 81 NEAR THE PLATTE COUNTY LINE.

WHEN DEPUTY VOLK CAUGHT UP WITH THE RIG, HE FOUND THE DRIVER UNRESPONSIVE TO HIM AND TO HIS ACCOMPANYING OFFICERS' DISPLAYING LIGHTS AND SIRENS!



THE RIG WAS HEADING TOWARD NORFOLK'S BIGGEST AND BUSIEST INTERSECTION. SOMETHING HAD TO BE DONE AND DONE SOON! DEPUTY VOLK RACED AHEAD, VACATED HIS UNIT AND SPED ACROSS THE HIGHWAY TO INTERCEPT THE MEANDERING RIG!

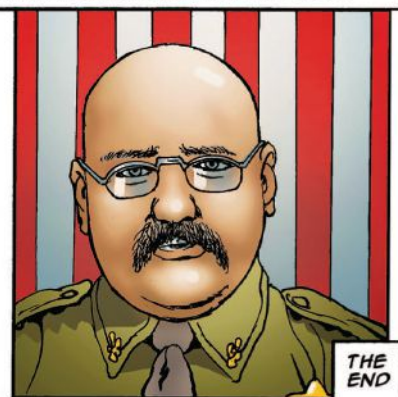
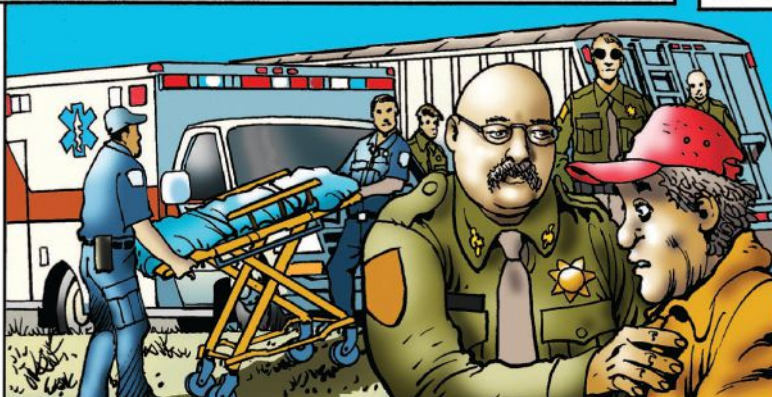


DEPUTY VOLK PULLED HIMSELF UP ON THE MOVING TRUCK AND WAS ABLE TO WRESTLE OPEN THE DRIVER'S SIDE DOOR. REACHING ACROSS THE BARELY CONSCIOUS DRIVER, HE HIT THE AIR BRAKES TO BRING THE RIG TO A HALT.



THE DRIVER WAS REMOVED AND TRANSPORTED TO THE HOSPITAL WHERE IT WAS DETERMINED HE WAS HAVING A DIABETIC EPISODE. THE PATIENT RECOVERED WITH TREATMENT.

DEPUTY TODD VOLK WAS COMMENDED FOR HIS QUICK THINKING AND LIFESAVING ACTIONS WHICH RESULTED IN A POSITIVE OUTCOME, ABOVE AND BEYOND.



THE END

2015 NRA Law Enforcement Officer of the Year

The National Rifle Association honors Officer Marcus Pesquera as the NRA Law Enforcement Officer of the Year for showing valor and heroism in his quick, life-saving action during a gunfight that severely wounded his field training officer, Gabriel Garcia, in August 2014.

Around 2 a.m. on August 22, Field Training Officer Gabriel Garcia of the San Bernardino California Police Department and his trainee, Officer Marcus Pesquera, were on patrol together, checking some high-crime areas. At the time, Field Training Officer Garcia was a six-year veteran of the department, and Officer Pesquera had only recently graduated from the police academy and been in training for seven weeks.

Turning down a remote unpaved road, the officers came upon a group of people standing around a vehicle with its hood up and its doors open. Due to a recent spate of stolen vehicles and other serious crimes in the area, the officers exited their vehicle and approached the subjects on foot.

One of the subjects they were about to encounter was a documented gang member with a lengthy and violent criminal past that should have kept him off the streets. The officers had no way of knowing of his violent past, or that he was wanted.

The subjects were standing apart, so the officers moved away from each other by several feet to maintain a tactical advantage, with each officer maintaining visual contact of different subjects. Officer Pesquera then heard Officer Garcia say words to the effect of "come over here" and "let me see your hands," which was answered by immediate gunfire.

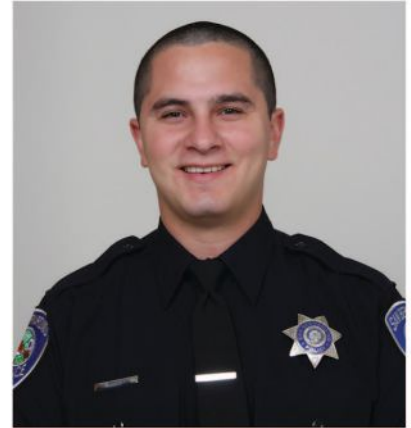
Officer Pesquera did not know that Officer Garcia had been gravely wounded by the gunman's fire. Despite his limited patrol experience, Officer Pesquera reverted to his training, drew his handgun as rounds were being fired at him while dropping to the ground to get to cover, and began returning fire as dozens of rounds were exchanged.

During a slight lull, Officer Pesquera yelled to check on his partner. After getting no response, he left his position of cover to try to find him. Officer Pesquera found his partner shot in the head, not moving, and unresponsive. He then radioed the communications center that his partner was down and needed immediate medical assistance and that he was engaged in a gunfight.

Seconds later, another volley of 20 to 30 rounds was exchanged between Officer Pesquera and the gunman. The gunfight lasted for over a full minute before Officer Pesquera's rounds neutralized the shooter, ending the deadly assault and further danger to Officer Garcia, bystanders, responding officers, and medical rescue members.

Officer Pesquera's courage under fire and heroic actions allowed immediate response by medical personnel to reach Officer Garcia and begin life-saving measures. Officer Garcia was rushed to a local hospital, where he received emergency medical treatment for serious head and chest injuries. He was placed into a medically induced coma in an effort to save his life. Since then, thanks to the actions of Officer Pesquera, Officer Garcia continues to fight towards full recovery.

Officer Pesquera's heroic actions under the most stressful and dangerous circumstances are a credit to himself, his department, and the community he serves. They are in keeping with the highest traditions of law enforcement. The National Rifle Association recognizes Officer Marcus Pesquera of the San Bernardino California Police Department for his valorous actions by naming him the 2015 NRA Law Enforcement Officer of the Year.



Officer Marcus Pesquera
San Bernardino California
Police Department

"It is with our greatest pleasure to honor Officer Pesquera's courage, bravery, and quick thinking as the NRA Officer of the Year," said NRA President Allan D. Cors. "His heroic actions ended a deadly assault and allowed first responders to safely and quickly reach Officer Garcia to perform life-saving measures."

See us at the Police Security Expo - Booth #1853



Scan this code with your smartphone or tablet to get more information about the NRA Law Enforcement Officer of the Year recognition.

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 3040 for More Information**

THE WHEELS OF JUSTICE



RISING UP FROM THE ASHES

The MSHP Fleet and Facilities Division confronts a calamity and rebounds with a remarkable new facility.

Sergeant James Post

It's been 12 years (2004) since we last visited the Missouri State Highway Patrol Fleet and Facilities Division. Back then, we took an in-depth look at both their successful used vehicle sales program and at the talented folks at the General Headquarters Garage who make it all possible. This year marks the 85th

anniversary of the Patrol and, from those humble beginnings in 1931, it has grown to be one of the premier state enforcement agencies in the country.

The 55 patrolmen who made up the first academy class of the Missouri State Highway Patrol in 1931 are all gone now, but they would be amazed to see the

changes in their beloved Patrol. While they drove Model A Roadsters with no tops, the 1300 uniformed members of today's Patrol (up from 1040 in 2004) now protect and serve in everything from Dodge HEMI® Chargers to helicopters, fixed wing aircraft to Harley-Davidson® motorcycles and SUVs from Chevrolet and Ford to watercraft.

Sadly, no mention of the history of the Missouri State Highway Patrol is complete without paying respect to the troopers who have made the ultimate sacrifice by giving their lives in the line of duty. Thirty-one troopers have died in the 85 year history of the Patrol, the most recent being Trooper James Bava, 25, who perished during a pursuit in August of last year. It's often been said that it's not important to remember how these heroes died, but, instead, how they lived. Rest in peace.

The Beginnings

Most highway patrol and state police agencies came about because of the growing number of vehicles on America's

MOBILE COMMAND CENTERS

STARTING AT \$98,994

- Mobile Precincts
- Training Centers
- DUI Testing
- Mobile Command
- Hostage Negotiations

GSA 65 units on our Schedule
Contract #GS-30F-0008N

FARBER
SPECIALTY VEHICLES

1-800-331-3188
solutions@farberspecialty.com
www.farberspecialty.com

Circle 3041 for More Information

SETINA®

DESIGNING FOR THE FUTURE



YOUR ULTIMATE PACKAGE

We offer high performance products combined with an easy, economical design for optimal vehicle deployment. Precision design for quick, easy installation.



TRANSPORT SOLUTIONS RECOMMENDED EQUIPMENT:

Sedans and SUVs

- 1 PB450L Lighted Push Bumper
– Available 2 or 4 Lights
- 2 PB5 (PIT) Impact Resistant Fender Protectors
- 3 #10XL Partition w/ Coated Scratch-Resistant Polycarbonate Window
- 4 Dual T-Rail Weapon Mount
- 5 New OEM Replacement Seat or TPO Seat Cover Design
- 6 Window Barriers – Prisoner Area
- 7 TPO Door Guards

SUVs ONLY

- 8 Rear Compartment Partition
(included with prisoner transport seat)
- 9 Rear Cargo, Firearms & Electronics Storage System
- 10 Rear Window Barriers
(3-Piece Window Barrier Design)
- 11 New Easy Lift Cargo Deck
(see below)



CALL: 1-800-426-2627

VISIT US ON THE WEB
www.setina.com

See us at the Police Security Expo - Booth #1636

Circle 3042 for More Information

TOTAL TRANSPORT SOLUTIONS

All SETINA® products proudly
designed, manufactured
& assembled in the U.S.A



roads. With the emergence of paved roads and highways connecting multiple states, it became apparent that traffic laws needed to be written and agencies had to be created to enforce them. Although originally designed as traffic enforcement and safety officers, many of these agencies soon took on a crime fighting stance, too, because depression era criminals ignored state borders as they terrorized the nation.

The Missouri Patrol was no different. In addition to traffic enforcement, the first year those 55 patrolmen were on the road, they made 38,000 arrests, recovered 131 stolen vehicles, arrested 14 bank robbers and solved several homicides. In the years since 1931, the Patrol's duties have multiplied many times over. The wheels which keep all of this in motion can be found in Jefferson City at the General Headquar-



The fire which destroyed the MSHP garage originated from an electrical short in a truck parked inside overnight.

ters (GHQ) Garage, home of the Fleet and Facilities Division.

Up from the Ashes

Originally opened in 1981 on a hilltop, five acre tract approximately five minutes

south of General Headquarters, the GHQ Garage has served the Patrol well, providing both maintenance and repair duties, as well as being the place where new vehicles are upfitted for duty and prepped for resale when retired. The original building was about 20,000 square feet with ten service bays and two detail bays, plus a radio shop.

Missouri is divided geographically into nine patrol areas, or troops. Troop F is in Jefferson City and the GHQ Garage services their vehicles, as well as those assigned to Headquarters. The remaining eight troops have their own service technicians who perform routine service and minor repairs.

In 2014, an 8000 square foot building housing a two bay body shop and a three bay marine shop was added to the garage complex. The marine bays became necessary following the merger of the

THEFT PROTECTION FOR SERIOUS GEAR

TACTICAL GEAR SECURITY DRAWERS



TRUCK BED SECURITY DRAWERS



SECURITY CONSOLE INSERTS



SERIOUS THEFT PROTECTION

CALL 866.318.8339 OR VISIT TUFFYPRODUCTS.COM/PSN TO DISCOVER THE VAST ARRAY OF SECURITY SOLUTIONS AVAILABLE FOR YOU.



Circle 3044 for More Information

Highway Patrol and the Water Patrol in 2011 when the garage became responsible for watercraft.

On April 8, 2014, Larry Rains, Director of the Fleet and Facilities Division, was awakened from a sound sleep with a telephone call which would drastically change the next two years of his life, as well as the entire Patrol. He was alerted that the garage which had nobly served the Patrol for 33 years was engulfed in flames. The fire, fueled by tires, gasoline and other chemicals, raged for some time, but the Jefferson City Fire Department eventually knocked it down. The building was a total loss, as well as eight vehicles inside, one of which was a new Tahoe being upfitted. It was determined the fire was caused by an aftermarket inverter installed in a Water Patrol Silverado which had been towed to the garage following a noticeable lightning strike. The pickup had numerous electrical issues and was left in a bay overnight awaiting repairs. Apparently, an electrical short ignited the blaze.

The Long Road Back

A replacement facility became the top priority for the Patrol because, not only is the GHQ Garage responsible for vehicle service and repairs, it is also the hub for the constant rotation of vehicles in and out of the fleet and into the resale program. But first, Fleet and Facilities had to find adequate facilities to keep the troopers on the road. Several state owned properties in and around Jefferson City were put into temporary use and the new body and marine shop became their emergency office and upfit center. Three part-time drivers were hired just to shuttle Patrol vehicles throughout the city.

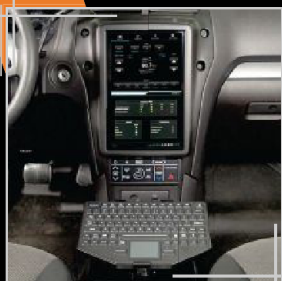
Simultaneous to this, planning for the new garage began in earnest. It was de-



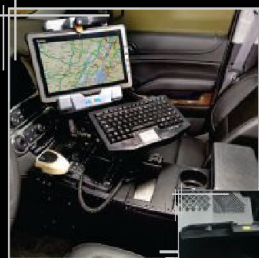
The front entrance of the new GHQ Garage which is now a two-story facility

termined that the new facility would retain the same footprint as its predecessor, but, to gain the space needed for an operation (substantially more complex than in 1981), it was decided to go up instead of out. The new GHQ Garage was completed on December 18, 2015, and it officially reopened on December 21, 2015, just three months shy of two years since the fire.

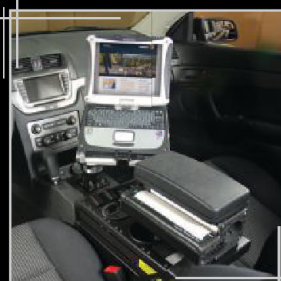
Mobile Office Solutions



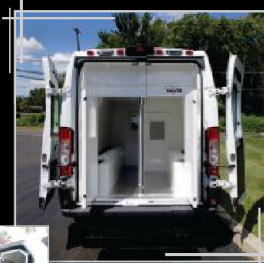
Integrated Control System



Mounting Solutions



Computing Solutions



Prisoner & K9 Solutions

HAVIS
Productivity in motion

800-524-9900  www.havis.com

See us at the Police Security Expo - Booth #806

Circle 3045 for More Information

policeandsecuritynews.com • May/June 2016 • Page 29

The resulting structure is 26,797 square feet which includes a 6000 square foot mezzanine storage area above the ground floor. It has 11 service/repair bays – four of which are upfit/decommission bays and two are detail bays. The garage has seven lifts and one alignment rack. All of this sits on a spectacular, highly polished concrete floor with a mirrorlike finish. In fact, two of the three part-time retirees hired to shuttle vehicles during construction were retained to maintain the spit and polish of the new building. The most significant feature of the building's design is the "drive-through" capability, similar to that of a contemporary automobile dealership.

The garage operates from 7:30 a.m. to 7:00 p.m., Monday through Friday, and is staffed by nine auto technicians, two



An overhead view of the install bays

first line technical supervisors, one collision technician, two marine technicians, the garage superintendent and two assistants. In addition, one of the auto technicians is cross-trained as a motorcycle

technician. An additional ten technicians are assigned to the remaining eight troops.

Work performed at the GHQ Garage has increased significantly since we last wrote about them. More collision work is now performed in-house. Some warranty and air bag work is performed there, as well as at dealerships. Maintenance of the Patrol's Aircraft Division (fixed wing and helicopters) is performed in a hangar at the Jefferson City Airport by two technicians assigned there.

The Garage has a fuel station where Troop F and GHQ vehicles are fueled.

Fuel for vehicles assigned to the remaining eight troops is obtained at Missouri Department of Transportation (MODOT) sites throughout the state or at local service stations.

RISK MANAGEMENT STARTS HERE!



- VOLUME DISCOUNTS AVAILABLE -

\$99
DON'T LET THEM STEAL IT.

Now police can
LEAVE THEIR CRUISERS RUNNING UNATTENDED
for emergency situations.

ALLOWS EMERGENCY LIGHTING,
...computers, radios, heaters, air conditioners, and defrosters to operate while maintaining needed battery current.

INEXPENSIVE.
Fast and easy to use with our patented™ camouflaged plug-in system.
EASY INSTALLATION
Plugs right in.

For 20 years, this police tool has protected thousands of agency vehicles from the liability of chases, fatalities, damage to vehicles, and loss of weapons.

Over half the state and highway patrol agencies use this system.

Tremco  **Police Anti-Theft**

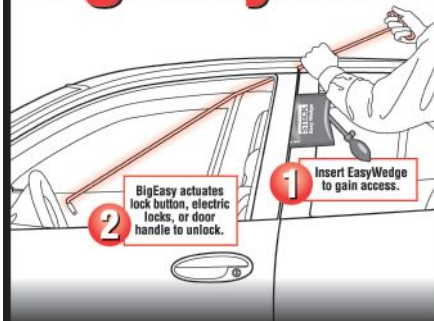
INTEGRATED SYSTEM

1-888-666-3031

WWW.TREMCOPOLICEPRODUCTS.COM

TOOLS that make your job **EASIER!**

BigEasy™ Complete Lockout Tool Kit



Unlock Cars Fast!
No Damage to Vehicles!
No Training Needed!

Public Safety Kit #32911

New Price: \$59.95

STECK
Innovative auto body tools and equipment

See your uniform & equipment dealer
or call 1-800-227-8325 • www.steckmfg.com

Circle 3046 for More Information

Circle 3047 for More Information

Lind DC Adapters and Shutdown Timers

Lind DC Adapters keep the devices in your vehicle powered while our Shutdown Timers assure the battery in your vehicle doesn't run down and leave you stranded.

The Lind logo consists of the word "LIND" in a bold, red, sans-serif font. The letters are contained within a white rounded rectangle, which is itself set against a black rounded rectangle background.

LIND

MOBILE POWER SPECIALISTS

Circle 3048 for More Information

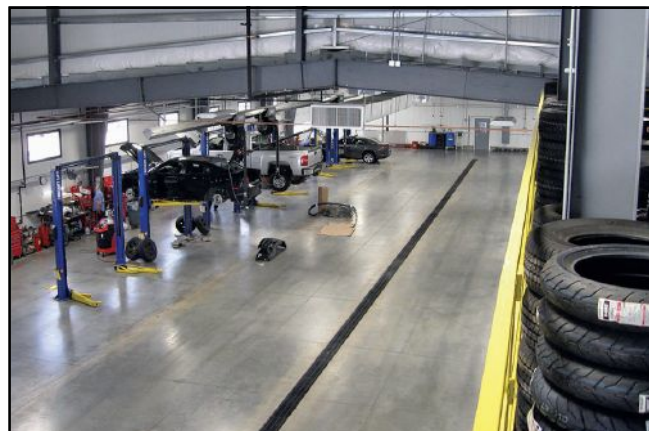
www.lindelectronics.com

The Fleet

The current fiscal year budget for vehicle replacements is \$13 million, up \$3 million from 2004. State policy dictates that monies from the sale of retired vehicles is recycled directly back into this acquisition budget. The Patrol typically purchases 400 to 500 vehicles a year.

During the "Crown Vic years," the Patrol was primarily all Ford, with the exception of some support, admin and CID vehicles. With Ford's decision to retire the CVPI (the most popular police sedan ever built) with the 2011 model year, Missouri (and most of the other departments in the country) had to look outside the Ford box for suitable replacements. As you all know, Ford did eventually bounce back with their downsized Interceptor Sedans and Utilities. During the "no Ford drought," Missouri experimented with several LE vehicles and settled on Dodge HEMI Chargers and Chevrolet Impalas and Tahoes. As Ford got back in the game, the Patrol added Interceptor Utilities, but it is unlikely the Patrol will ever return to being all Ford. The Impalas are now being phased out due to GM's decision to stop building them.

The MOSHP (enforcement) fleet at the time of this writing consisted of 619 Dodge Chargers, 210 Ford PI Utilities and 96 Chevy Tahoes. In addition, there are some pickups, PI sedans and Impala 9C1 sedans in use. Approximately 20% of the enforcement fleet is "slick top." All PI Utilities and Dodge Chargers in service are AWD. Commercial vehicle enforcement troopers utilize 3/4 ton crew cab pickups and Tahoe PPV SUVs. The Patrol also has nine 2014 Harley-Davidson FLHTP motorcycles in part-time service. They are included in the resale program and are typically retired af-



This new garage offers "drive-through" convenience!

ter three years of service.

All-in, the entire MOSHP fleet racked up 31.7 million miles in 2015, up from 25 million in 2004. The increase in miles might be due in part to the cheaper fuel prices of the last couple of years. The entire sedan and SUV fleet rolls on Goodyear® tires.

The Patrol upfits all of the fleet themselves in the garage and does not purchase a great deal of emergency equipment offered by the manufacturers. After years of practice, their upfitting program is geared towards the ease of prepping vehicles for resale. They utilize their own wiring harness/fuse box looms built in-house, leaving factory wiring harnesses for the next buyer. Their consoles are built by Department of Corrections' inmates. Lightbars are mounted without drilling holes in the vehicle's roof and the cable is routed up the outside of the A pillar. Radios, controls, cameras and computers are all installed in-house by the radio shop. The Patrol has resisted changing their graphics (which date back to 1931) because of a strong tradition and because studies have shown that vehicles wearing elaborate two-tones and stripes take more time to decommission and have been proven to hinder resale, therefore reducing profit. It takes approximately 16 hours to prep sedans for duty. The trucks and SUVs take longer.

The Field of Dreams

Being a 30 year police car collector and writer, I think of the MOSHP sale lot as "The Field of Dreams." In 2004, I referred to it as an "Easter basket full of cars" because of the Patrol's unique multicolor fleet which consists of nearly every factory color offered. Once again, color choices are resale driven. When the



NEXT GENERATION TOOL COMPANY

SPRING SALE



AK-49 KIT

Our Best Selling Kit!

Reg Price \$149.95
Spring Special \$129.95
(thru June 2016)

800-874-5625
nextgentool.com

Circle 3049 for More Information

New Ford Police Sedans and Utilities

Morrow Brothers Ford Inc.

IN STOCK FOR
IMMEDIATE DELIVERY!





**Lease/Purchase
Program Available**

(217) 368-3037

**US Rte. 267
Greenfield, IL 62044**

Circle 3050 for More Information

TROY PRODUCTS

FORD UTILITY VEHICLE WEAPONS BOX SYSTEM



PHOTO 1

CP-GB403212-PB GUNBOX MOUNTED TO TILT-UP CARGO MOUNT



PHOTO 2

TROY THREE-PIECE DESIGN OPTIMIZES CARGO SPACE USE

Weapons box is made from steel and drawer from aluminum to reduce weight. All aluminum construction also available.

Dimensions: 40" W x 32" D x 12" H

Many other sizes also available. This size represents maximum dimensions to clear OEM trim when mount is lifted. (See Photo 2 below.)

Drawer face breaks over box for added security. Two (2) draw-latch handles eliminate drawer rattle.

Top of box carpeted to use as stacking surface.

Heavy duty ball bearing slide design allows for quick and easy removal of drawer to facilitate installation.

Optional features such as box-top lip, internal dividers, cargo rings, wood lining, different locks, etc., are available. Customization will be at an extra cost.

Ask for TROY WEAPONS BOX LIST to see all weapon box options for the Ford Police Interceptor Utility vehicle.

NOTE: The above photographs show a CP-GB403212-PB weapon box mounted to a CP-UV-CARGO-MNT (lift-up mount) with a AC-UV-TRAY-H tip-down electronics tray bolted to it. This unique three-piece combination is designed to maximize cargo storage and allow hands-free access to the spare tire (that must be left in the cargo floor to meet OEM crash-test ratings). Each part also is sold separately.

Made in the USA

CALL TROY PRODUCTS

www.troyproducts.com

(800) 700-8769

See us at the Police Security Expo - Booth #'s 1307 & 1309

Circle 3051 for More Information

policeandsecuritynews.com • May/June 2016 • Page 33

fleet was mostly Crown Vics, customer demand caused them to purchase 75% white units. Now, with the variety of makes and models offered for sale, the Patrol purchases about 50% white units.

When I walk that lot behind the GHQ Garage, I'm like a kid in a candy store. The rows and rows of pristine cruisers sit patiently waiting to chase that next speeder or catch that next criminal or even become a reliable family sedan for someone like myself. But, before I reach into my blue jeans for a handful of cash, I'm jarred into reality as I remember that I can't buy one. Missouri State Law dictates that these vehicles be offered to other agencies FIRST. Resale prices are also set by the State Commissioner of Administration and are 60-70% of MSRP. There's no dickering or haggling as each unit has a set price. Those of you who purchase used cruisers for your department might think these prices are high for used police cars, but over 200 repeat customers would argue with you. In fact, there are many other agencies which also purchase vehicles, only less frequently.



The fully stocked warehouse section ensures a steady supply of necessary parts.

Over the years, used MOSHP vehicles have been sold to agencies in nearly every state in America. Units which do not sell to agencies can be sold to the general public. These sales are usually handled through direct sales or occasionally at auctions conducted by the Missouri Agency for Surplus Property.

So, Why Is Their Program So Successful?

Well, first of all, they've had over 40 years to perfect it. Actually, the MOSHP

has been selling their used cruisers themselves since the '60s and '70s. There was a time when they were retiring the cars at 10,000 miles and the public was often paying retail prices to score one. New state laws changed a lot of that, but unlike a lot of questionable new laws passed, the state fathers didn't screw this up. The rapid turnover and long waiting lists attest to that. The bottom line is the Patrol does exactly what I've been preaching for 17 years in this column: Plan your resale before you ever buy a police vehicle. With new police units approaching 30 grand, it is just plain crazy to drive them until the wheels fall off, or rack up two hundred thousand miles on the odometer and sell them for a few hundred bucks. Sure, at a few hundred bucks each, you'll have police impersonators and wanna-bes lined out the back door to buy one, but if you are financially well-off enough to buy new cruisers, why not retire them early and sell them to departments who can't afford new ones?

Okay, here's how it works. I've already explained how the vehicles are initially

PROTECTING THOSE WHO PROTECT US

PIT BAR ELITE

Westin's PIT Bar Elite has been rigorously tested and approved by major public safety agencies. The PIT Bar Elite is made of heavy duty 7 gauge HRPO steel horizontal bars and features two 2-3/4" wide rubber strips with plastic end caps for a clean finished look. It also features heavy duty 4 gauge HRPO steel reinforcing brackets for maximum strength. Westin's Public Safety PIT Bar Elite is designed to bolt directly to a Westin Push Bumper Elite or EliteXD at the upper bumper level for the best PIT maneuver possible.

US PATENT NO. D755,094 S



SEARCH "WESTINPUBLICSAFETY" AND STAY CONNECTED!

FOR MORE INFORMATION // PH: 800. 345. 8476
WESTINPUBLICSAFETY.COM



BY MAJOR AGENCIES FOR PIT MANEUVERING



WESTIN
Public Safety Division



» Shown on
2016 Ford Interceptor Utility

See us at the Police Security Expo - Booth #2000

Circle 3052 for More Information

Protecting those who **Protect Us**

*Serving
the K-9 Law
Enforcement
Community
for over
20 years.*



*When you demand safe, secure transport for
your Law Enforcement's canines, look to
"The Original" E/Z Rider K-9 Containers.*

"Just wanted to give your company some well deserved credit for making a superior product. Recently our K-9 officer was involved in a on duty accident while operating a K-9 unit equipped with your company's equipment.

Multiple persons have told us that if not for the K-9 cage installed, the officer would have been crushed, as his unit rolled over several times and came to rest upside down."

*Dondi Hardin
Asst. Chief - Carencro Police Department"*



Find us on
Facebook

ezrideronline.com • 800-277-0869



Handler's Choice

See us at the Police Security Expo - Booth #631

Circle 3053 for More Information



The MSHP vehicle resale program has enjoyed a great deal of success for over 40 years.

prepped to facilitate easy removal of the equipment upon retirement. The patrol sedans are retired at 54,000 miles – no more, no less. Obviously, with the miles the troopers drive, it doesn't take long to rack these up. The Tahoes and PI Utilities are retired at 64,500 miles as they tend to have higher resale values. The retired vehicles have been driven (and taken home) by one trooper or perhaps two, at the most. They are pampered, babied and every Missouri trooper I've ever known has pictures of themselves and every unit he (or she) has been assigned. Weekly

field inspections keep the cruisers standing tall. By state law, the use of all tobacco products in the vehicles is forbidden and the troopers cannot modify the vehicles.

Once the equipment is removed, the vehicles are given a complete inspection, not just a quick once-over. Any items needing service or replacement are taken care of and brakes and tires with less than 50% remaining life are replaced. Cosmetic damage is then repaired or, if they elect not to repair it, the vehicle is discounted. Finally, all emblems are carefully removed and the unit is treated to a complete detail – inside and out. Unlike many used police car dealers, the Patrol's fleet is sold with spare tires and jacks and all service records are included as well. The garage no longer has to drill the rear quarter panels to install whip antennas. There are usually two antenna holes in the roof and the garage caps them and leaves the coax for the next owner.

It's not impossible to initiate a resale program like Missouri's. Obviously, few departments could afford to start a similar program for an entire fleet at first, so phase it in gradually. If you only buy ten

cars at a time, decide that you'll retire half at 50,000 miles. Follow the tips in this article on how to prep your cars for service and resale and don't deviate or spend the proceeds on something else; roll those funds right back into the fleet and, then, repeat.

My sincere appreciation goes to Director Rains and other members of the Missouri State Highway Patrol for their assistance with this article. The years have not diminished my respect and awe of what they would refer to as "just doing our job."

For further information about the MOSHP resale program or their new garage, visit www.mshp.dps.mo.gov. **P&SN**

Sergeant James Post always welcomes your comments and suggestions. He can be reached at kopkars@arkansas.net.

Humane Restraint®

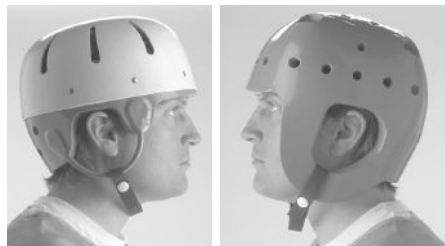
Offering Law Enforcement Professionals a Choice!



Control Spitters!
TranZport Hood



Restraint Equipped
Humane TranzBoard



Headbangers???
Use Protective Helmets



Restraint
Chair

**CALL FOR
A CATALOG
TODAY!**

912 Bethel Circle • Waunakee, WI 53597
800/ 356-7472 • FAX 608/ 849-6315
www.humanerestraint.com

NEWS

JCAT Releases 2016 Intelligence Guide for First Responders

Recently, the Joint Counterterrorism Assessment Team (JCAT) released the *2016 Intelligence Guide for First Responders*. The guide was produced for first responders by first responders and was designed to improve information sharing among state, local, tribal, and territorial jurisdictions and the federal government. Some topics included in the resource are handling and protecting information, how to gain access to Internet-based U.S. government systems, and understanding the Nationwide Suspicious Activity Reporting Initiative.



The guide is available at
<http://s.iir.com/JCATfirstresponder>.

Circle 3054 for More Information

AIM FOR THE CLOUD!



Unit 13330	Location: Corl Street Elementary
Date: 3/21/16	Officer: Smith
Speed Limit: 15	Violator Speed: 29

License Plate Number: 24AB	Images (Double-Click to View)  
Citation Number: C23612	
Notes: Speeding in front of Corl Street Elementary School, Children present	

CAPTURE → CLOUD → CONFIRM
AUTOMATICALLY!

Capture Vehicle Speeds and Supporting Data,
then Instantly Record to the TraffiCloud.
Improve Accuracy **AND** Reduce Challenges



Hand-held Lidar, just one of the great products enhanced with TraffiCloud. All your equipment and data. All in one place. Remotely manage every component of your traffic safety program.

Contact us to learn how the TraffiCloud can optimize your enforcement efforts.

See us at the Police Security Expo - Booth #526

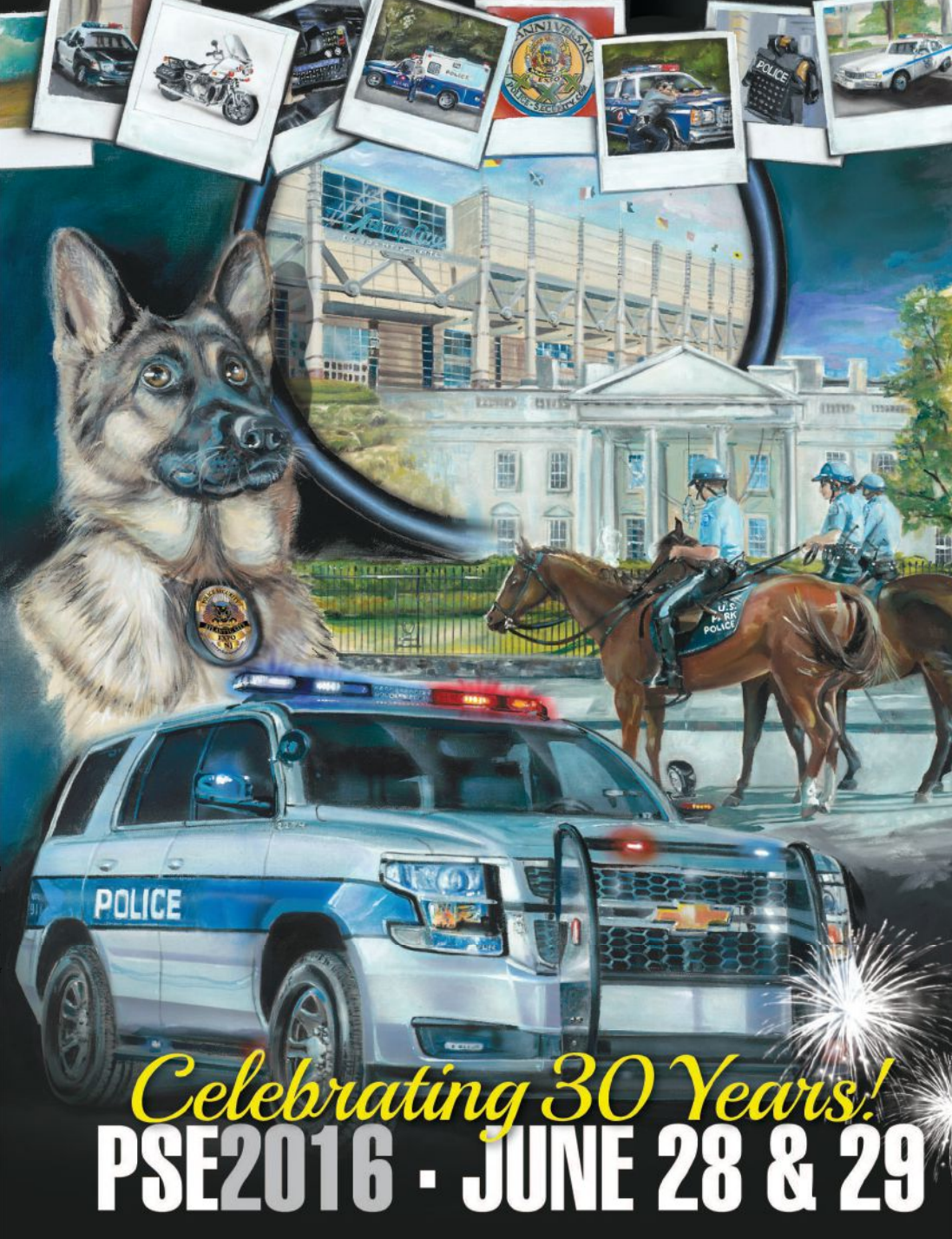
Circle 3055 for More Information



ALL TRAFFIC
SOLUTIONS



Interested in joining the TraffiCloud? We invite manufacturers of traffic management products to reach out to us for more information. **866-366-6602 • AllTrafficSolutions.com**



RESEARCH
COMPARE
EVALUATE
PRICE-SHOP
PURCHASE

POLICE SECURITY EXPO 2016



ATLANTIC CITY
CONVENTION CENTER

Products &
Services needed
by Industry
Professionals

Celebrating 30 Years!
PSE2016 · JUNE 28 & 29

EXPRESS REGISTRATION: www.police-security.com 1.800.323.1927

Name _____

Address _____

Title _____

City _____

Organization _____

State _____ Zip _____

Phone _____

☐ I am interested in attending
Police Security Expo 2016

Fax _____

☐ I am interested in exhibiting at
Police Security Expo 2016

Email _____

☐ Please send me more information

3 WAYS TO REGISTER

➔ MAIL TO: Police Security Expo 2016
P.O. Box 20068, Sarasota, FL 34276

➔ FAX TO: 941.927.5407

➔ COMPLETE, SCAN & EMAIL TO:
police-securityexpo@comcast.net

OPEN FREE OF CHARGE TO INDUSTRY PROFESSIONALS

P&SN Police
and Security
News
Serving Law Enforcement & Homeland Security

Police and Security News
Official Media Sponsor
www.policeandsecuritynews.com



Police Security Expo 2016 is hosted and
sponsored by the **New Jersey State Association
of Chiefs of Police** www.njsacop.org



Sitework Associates, Inc.
Exposition Coordinator
www.siteworkassociates.com



2016 Police Security Expo Show Guide



Police Security Expo 2016

221B Tactical	1329	Combined Insurance Co.	1338	Guncleaners (Police Products Corp.) ..	1557
3M	1033	Condor Outdoor Products, Inc.	2020	HWC/Hamburger Woolen Co.	1619
911 Circuits	1450	Cradlepoint	1019	HWI GEAR	1311
A+ Technology & Security Solutions	1306	Crime Scene Clean-Up	719	HaiHao Technology Co. Ltd.	837
ATT-Tactical	1723	Critical Concepts & Strategies, LLC	1409	Haix North America, Inc.	1211
AXA Equitable	1742	Cry Wolf-Public Safety Corporation	1325	Hallowell	1310
Adorama Camera	918	D.A.R.E. America	1134	Harris Corporation	1200
Adorama Law Enforcement	920	DDSI/Spacesaver	1239	Havis, Inc.	806
Adventos Corporation	1956	Dash Medical Gloves	1612	Heckler & Koch	1403
All Covered	1627	Datalux	407	Heroes Vacation Club	1037
All Traffic Solutions	526	Datum Storage Solutions	1722	Hertrich Fleet Services, Inc.	1900
Allegiance Technology Partners	1219	Dead Ringer, LLC	1840	High Tech Crime Network	625
AmChar Wholesale	2007	Deborah Heart & Lung Center	100	HINT Mounts	1637 & 1639
American Aluminum Accessories, Inc.	631	Decatur Electronics	1839	HipLink Software	928
American Recycling Technologies, Inc.	1744	Defense Logistics Agency (DLA) & Dept. of Defense DPSI	1831	Holt & McArdle Associates, Inc.	1738
American Red Cross (Blood Drive)	343	Dell, Inc.	1757	Hunt Public Safety	1912
American Technologies Network Corp. ..	722	Delta Gloves	1941	Hunter Technologies	738 & 740
American Uniform & Supply	1719	DEPTCOR – NJ DOC	1850	HURST Jaws of Life, Inc.	620
Angel Armor	1315	Derive Efficiency	1644	Hytera	1027
Arecont Vision	1727	DeSantis Gunhide	1802	ITS (Island Tech Services, LLC)	1213
Argos Security by Datum	1720	Devo & Associates, LLC	534	Ideal Innovations	1122
Armor Express	1427	DiCarlo Precision Instruments, Inc.	537	IDenticard	1906
Arrow Safety Device	1651	Digital Ally, Inc.	1737	IDESCO Corp.	1741
Atlantic Tactical	1226	Duckbill Law	913	IDville	2011
Atlantic Uniform Company	1126	EOTech	1229	IMPACT	1919
AutoTargets	736	Eagle Wireless Communications	1936	Infection Control Technologies	1829
Badge Company of New Jersey	1522	East Coast Emergency Lighting, Inc.	900	Infinite Peripherals	1823
Bates Footwear	1533	Eastern DataComm	1908	Info-Cop by GTBM, Inc.	1745
Bernstein & Associates	1610	ecoATM	1927	Institute for Forensic Psychology	1629
Beyer Fleet, LLC	511	Elbeco Inc.	907	INTAPOL Uniforms	1632
Big Sky Racks, Inc.	1730	Electronic Systems Solutions	724 & 726	Integrated Technical Systems, Inc.	636
Blackinton	1531	Elite Emergency Lights, LLC	1112 & 1215	Interaction Insight Corp.	1939
Blauer Manufacturing Co. Inc.	1412	Elite Survival Systems	1911	Intl. Police Assoc. NJ-Region 10	532
Block Communications	725	Enforsys Police Systems, Inc.	1843	Intl. Police Mountain Bike Assn.	1524
Bob Johnson's Computer Stuff	931	Enovative Technologies	630	J. Harris Academy of Police Training ...	1401
Boston Leather, Inc.	1827	Entenmann-Rovin Co.	1930 & 1932	JSC Law Enforcement Sales	1750
Bounce Imaging	938	EVIDENT, Inc.	1415	JAMAR Technologies, Inc.	435
Brattleboro Retreat	120	Fairleigh Dickinson University	1828	John Jay Online	1430
Brite	827, 829, 831	Federal Signal Corporation	710	Joshua Marcus Group Promotions	1207
Brother Mobile Solutions	820	Fighter Tactical Gear	1041	Jotto Desk	600
Business Watch Intl. (U.S.), Inc.	1553	Firing Line, Inc.	1620	Justice Technology Info Center	1331
CM3 Building Solutions, Inc.	1926	Fisher Labs/Security Detection	1607	KLM Marketing	1923
California University of Pennsylvania ...	1312	Flying Cross – Fechheimer	641	Kaldor Emergency Lights	1509-1513
Card Data Systems/Toshiba	1948	Force Protection Video	1729	Kascar, LLC	720
Cardiac Science	1603	Fred Beans Ford of Doylestown	213	KEYper Systems	1014
Carfax Law Enforcement Solutions	1915	GBW Cartridge	1653	Keystone Public Safety, Inc.	1718
CargoRAXX	530	GH Armor Systems	1012	KeyTrak, Inc.	1624
Carson Manufacturing	1517	GM – Chevrolet Police Vehicles	1542	KOVA Corp.	1626
Centenary College	1142	Gatco Sharpeners/Timberline Knives ..	1913	Kussmaul Electronics Company, Inc.	917
Certified Speedometer Service, Inc.	1836	Genetec	2018	Kustom Signals, Inc.	1237
Chemring Sensors & Electronic Sys	1712	Gill ID Systems	1136	L-3 Mobile-Vision, Inc.	1706
Cipolla Insurance Consultants	1929	Go Rhino! Public Safety	1423 & 1425	LDV, Inc.	318
COBAN Technologies, Inc.	1608 & 1656	Goosetown Communications	1918	LED Lights	1242
Code 3	1318	Gould & Goodrich, Inc.	1523	LTW – Let's Think Wireless, LLC	1340
Code-20 Apparel	1143	Gramco Business Communications	2010	Lanigan Associates, Inc.	1424
Cody Systems	1812	Guardian Protective Devices	1502	Laser Technology, Inc.	836 & 838
Columbia Southern University	1920			Lawmen Supply Company	1508

Exhibitor Listings

LawSoft, Inc.	1611	PlanIt Police – Scheduling	1938	SwiftReach	1631
LeadsOnline	713	Pocono Tactical Gear	1957	SymbolArts, LLC	1830
Legion Enterprises (Badges)	634	Point Blank Enterprises	1437	T.J. Morris & Son/Eagle Point Gun	841
LexisNexis	1703	<i>Police and Security News</i>	Entranceway	Tactical Public Safety	1200
LexisNexis Risk Solutions	1702	Police Innovations, LLC	2026	The College of Saint Elizabeth	1650
Lifeloc Technologies	915	PoliceApp.com	926	The Cop Shop	2051
LifeSavers, Inc.	1922	PoliceBikeStore.com	1222	The Evans Group	1337
Lightfield LLR Corporation	1328	Poss by VCS	1813	The Gun Shop	1951
Lincora Group	1137	PowerFlare Safety Beacons	1832	The Police Chaplain Program	1931
Live “Action Art” at PSE 2016	325	Princeton House Behavioral Health	1413	The Rodgers Group, LLC	1819
Lojack Corporation	1714	Pro-gard Products, LLC	800	Ti Training Corp.	1826
Loyal Order of Police	1822	Procomm Systems, Inc.	1236 & 1238	Tiffin Metal Products	1123
Lund Industries, Inc.	1420	Professional Systems Engineering	1035	TimeMaster	1326
M & W Communications, Inc.	1849	Prohands Tactical	1753	Tomar Electronics, Inc.	830
MF Tactical, Monster Flashlights.com ..	1726	ProPhoenix Corporation	1241 & 1243	Tommie Copper	1140
MPH Industries, Inc.	1652	PUGS Cabinet Systems	932	Total Security Solutions	1914
Mack Camera & Video Service, Inc.	1623	ROK Brothers, Inc.	1550 & 1552	Toxic Boss Blues	2036
Major Police Supply	700	RU2 Systems, Inc.	1411	Traffic Safety Service	1034
Marbelite Co. Inc.	818	Ranger Joe's	1625	Triangle Communications, LLC	1530
MetroAlert	1731 & 1733	Raybestos Brakes/Brake Parts, Inc.	1551	TriTech Software Systems	1231
Micro Strategies, Inc.	1643	Red the Uniform Tailor, Inc.	1806	Troy Products, Inc.	1307 & 1309
Milham Fleet Sales	1006	Reebok Duty (Warson Brands)	1809	TRU-SPEC	1426
Millennium Communications Group	1327	Reflekt Polarized	627	Turn-Out Uniforms	1016
MobileView	941	Rigaku Analytical Devices	1851	Tyler Technologies, Inc.	1118
Mocean	1526	Rockland Custom Cabinets	1000	U.S. Armor Corporation	1527
Mossberg –Trijicon	1337	Route 23 Automall, LLC	1945	Unique Marketing Concepts	533
Motorola Solutions, Inc.	1406	Ruger Firearms	1432	Universal Uniform Sales Co. Inc.	1933
<i>NJ Cops Magazine</i>	1324	Safety Vision	1642	V-COMM, LLC	1728
NJ Firearms Academy	1751	Samzie's Ltd.	1030	Velocity Systems	1630
NJ State Assoc. of Chiefs of Police	1818	Samzie's Online.com	1028	Verizon Network Fleet	306
NJ State PBA	821	Samzie's Uniforms	1026	Vineland Auto Electric	1218
NJ State SPCA Humane Police	1040	Sand Sculpture – Matt Diebert	1350	ViON Corporation	930
NJ Transit Police	1862	Santa Cruz Gunlocks, LLC	1428	Visitor Pass Sol. by Data Mngmt.	1023
NRA – Eddie Eagle	623	Schedule Express by Informer Sys	1837	Vista Outdoor Law Enf. .. 737, 739, 741, 743	
NRA Law Enforcement Division	1853	Search & Rescue Council of NJ	632	Voodoo Tactical	1042
New Jersey Business Systems ...	812 & 813	Secure Planet, Inc.	715	WTH Technology, Inc.	1609
New Jersey Emergency Vehicles	431	SecureWatch24	1221 & 1223	Walkieclip	1141
Night Vision Depot	313	Sentinel Camera Systems	721	WatchGuard Video	1641
NIGHTSTICK by Bayco Products	1807	Servo Group Tactical	412	Watchung Beverage Delivery	1451
Northeast Communications, Inc.	927	Setina Mfg. Co. Inc.	1636	Water Rescue at Landfall	621
Nuctech Company Limited	1021	SIG SAUER, Inc.	1313	Wells Fargo Home Mortgage	1333
Ocean Systems	1646	Silent Partner	1628	Wendells	1227
Office Business Systems, Inc.	1704	Sirchie Vehicle Division	439	Westin Public Safety	2000
Officer Phil/Community Outreach Pub .	2027	Sitework Associates, Inc.	Reg. Counter	WHELEN Engineering Company, Inc.	807
Officer Store	1106	Smith & Warren	1724	Whitaker Brothers	1119
On-Site Testing Specialists	413	SoundOff Signal	1442	Wilmington University	1031
OTTO	1937	SouthComm Law Enforcement Media .	1740	Winner Ford	901
Own The Night	315	Spectrum Communications	936	Wireless Commun. & Electronics	1130
PAS Systems International, Inc.	1139	Spiewak	1621	Wolfcom	414
PH&S Products	531	Spillman Technologies, Inc.	1614	X-Ray Imaging, Inc.	1431
PMC Associates	2019	Springfield – SureFire	1339	Yamaha Motor Corporation	1657
Pagecom, LLC	1515	Stalker Radar	2006		
Panasonic	921	STAR/Signal Vehicle Products	500		
Pascack Data Services	1330 & 1332	Starsky & Hutch Gran Torino & Collectibles	337		
Patrol PC	1100	Storage Systems USA	1121		
Peerless Handcuff Co.	1525	Streamlight, Inc.	1736		
Penn State Justice & Safety Institute	823	Strong Leather Co.	1521		
Pinnacle Technology	637				

**Exhibitor listings
are as of date of publication.**

**NOTE: Exhibitor names and booth
numbers are subject to change.**

Seminars/Product Demos

**Free Admission to All Expo Attendees
(with PSE 2016 Expo Badge)**

**Tuesday, June 28, 2016
Exhibits Open: 10:00 a.m. – 5:00 p.m.**

11:00 a.m. Room #317 Tamron Camera Lenses for Nikon, Canon and Sony

Tamron lenses offer a substantial improvement in the photos you are shooting with your existing equipment – whether it's close-up (Macro) shots or long-range surveillance.

Presenter: Ken Hubbard (Tamron USA)

Sponsor: Mack Camera & Video Service

1:00 p.m. Room #314 Lockdown and Emergency Notification System

Improving emergency response times and improving school-based communication capabilities are critically important. Learn three principles all technology systems must meet in order to be effective and protect inside and campus-wide in the event of an emergency.

Presenter: Paul Jenne (Eastern DataComm)

1:30 p.m. Room #307 Social Security – Windfall Elimination Provision and Government Pension Offset – Overview and Specifics

The WEP and GPO are aspects of Social Security which effect a lot of law enforcement officers which may not currently contribute into the systems. Learn how to calculate them, taking into account pensions, spousal benefits, etc.

Presenter: Michael Schiller (AXA Equitable)

1:30 p.m. Room #306 Facial Recognition Technology Training

Examination training is imperative in generating the correct investigative leads. Overview: What training is needed to conduct a facial recognition investigation.

Presenter: Lora Sims, Senior Biometric Examiner (Ideal Innovations, Inc.)

2:00 p.m. Room #316 Handheld Chemical, Explosive and Narcotic Detector/Identifier

A demonstration of a full suite of laboratory quality products for unknown chemicals, explosives and narcotics in field environments.

Presenter: Wayne Horvath
(Chemring Sensors & Electronic Systems)

2:30 p.m. Room #306 Next Generation Solutions for Mobile and Backend Face Matching

A live demonstration of face matching against very large databases – mobile solution implementation and discussion of related considerations.

Presenter: Brendan Klare (Secure Planet, Inc.)

**Wednesday, June 29, 2016
Exhibits Open: 10:00 a.m. – 3:30 p.m.**

10:00 a.m. Room #308/309 New Jersey Traffic Safety Officers Association Meeting

1:30 p.m. Room #306 Facial Recognition Technology Training

Examination training is imperative in generating the correct investigative leads. Overview: What training is needed to conduct a facial recognition investigation.

Presenter: Lora Sims, Senior Biometric Examiner (Ideal Innovations, Inc.)

2:00 p.m. Room #317 Sony Mirrorless Cameras

See the latest digital cameras from Sony. A question and answer session about the Sony A7 models which can be used for shooting in low light during a surveillance or capturing more detail with full frame cameras.

Presenter: Gene Szucs (Sony)
Sponsor: Mack Camera & Video Service

Highlights of PSE 2016



Watch as ten tons of sand are transformed into a "live action" sand sculpture by World Champion Sand Sculpture Artist Matt Diebert in Booth 1350.

Artist John Kiernan of Blueline Studios will create his fourth six foot tall mural.



See the world's largest collection of Starsky and Hutch memorabilia and have your picture taken with the original Starsky and Hutch TV show and movie Gran Torino.

Get a quick complimentary health screening performed by Deborah Heart and Lung Center.



Prize Drawings

Grand Prize Drawings



(1) **Fitbit® Charge HR™** –
Heart rate and activity wristband



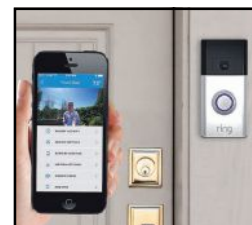
(2) **Ruger® LC9s Pros**
(one drawn each day – must be a
licensed professional to win)



(1) **Big Blue Unplugged Wireless
Indoor/Outdoor Speaker**



(1) **Lyrix JIVE Jumbo
Waterproof Wireless Speaker**



(1) **Ring™ WiFi Enabled
Video Doorbell**

PSE 2016 30th Anniversary Collectible Pin Game

The first 1,000 PSE attendees to pick up their badge holders at the expo (on each show day) will receive a PSE 2016 collectible pin. Sponsoring exhibitors inside the hall will also be giving out the collectible pins. Collect three different colored PSE 2016 anniversary pins to be eligible to win special prize drawings:



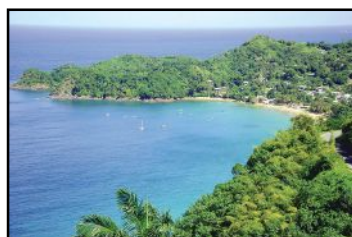
**Megapixel MicroDome h.264 All in
One Day/Night, Indoor/Outdoor
Dome IP Camera**
(Arecont Vision)



Model 730 Superlite Handcuff
(Peerless® Handcuff Co.)



(1) **HD Video Drone**



(2) **Vacation Getaways**
(one drawn each day)



**MBM Shredder
Model 8240CC**
(Whitaker Brothers
Business Machines)



(2) **Fitbit® Alta
Fitness Wristbands**
(one each day)

Additional Prize Drawings

(1) **Buzz Personal Massager**

AIRFRAME Portable Car Mount Phone Holder

\$50.00 Gift Card to Ranger Joe's (Ranger Joe's)

\$25.00 Target Gift Card (Cipolla Insurance Consultants)

\$25.00 Home Depot Gift Card (Cipolla Insurance Consultants)

\$20.00 Starbucks Gift Cards (Professional Systems Engineering, LLC)

**Prizes
Drawn Every
Hour**

Exhibitor Showcase

ADORAMA
LAW ENFORCEMENT & FORENSIC SUPPLIES

**WE'VE GOT
YOUR BACK**



PSE Booth 920,918
Adorama Law Enforcement
888-874-1586
le@adorama.com
adorama.com



SCAN
OUR LINEUP

See us at PSE 2016 – Booth #'s 918 & 920
Circle 3057 for More Information

Learn more about the most
flexible line of connected
products & solutions offered
by All Traffic Solutions.



All your equipment &
data. All in one place.



Cloud-based traffic
safety equipment

- Collect data automatically from all your equipment, then access it when & where you need it.
- Use the data to manage your equipment & enhance its value.
- Achieve a new level of awareness & Total Traffic Safety Management.

**ALL TRAFFIC
SOLUTIONS**



866-366-6602
alltrafficsolutions.com

See us at PSE 2016 – Booth #526
Circle 3058 for More Information

ANCHOR WHOLESALE INC.

LAW DIVISION

Introducing our new website!

AmCharLaw.com



We provide EXCEPTIONAL
customer service before
and after the sale!



1-800-333-0695

See us at PSE 2016 – Booth #2007
Circle 3059 for More Information



HANDLERS CHOICE



**CANINE INSERTS
ANIMAL CONTROL
INMATE TRANSPORT
VAULT SYSTEMS
K9 TRAINING AIDS**

VISIT BOOTH #631 AT THE PSE EXPO



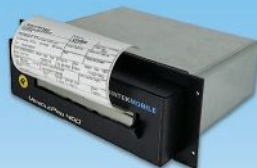
**AMERICAN ALUMINUM
ACCESSORIES, INC.**

WWW.EZRIDERONLINE.COM | 800.277.0869



See us at PSE 2016 – Booth #631
Circle 3060 for More Information

**Printek Mobile Printers:
Built for Police**



**The Only Officer Friendly
Printer On the Market!**



1-877-862-9099

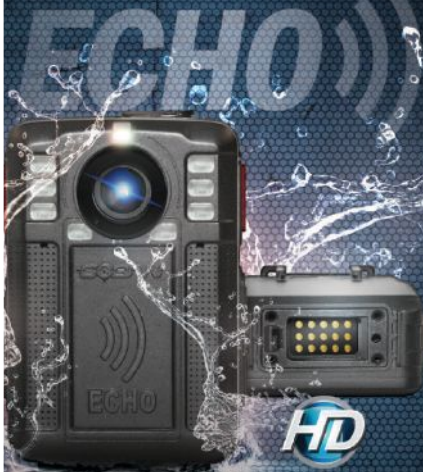


**BLOCK
COMMUNICATIONS
VIITEL DIVISION**

See us at PSE 2016 – Booth #725
Circle 3061 for More Information

COBAN

COBAN BODY-WORN CAMERA SOLUTIONS



CAPTURE



TRANSFER



STORE



MANAGE

WWW.COBANTECH.COM

See us at PSE 2016 – Booth #'s 1608 & 1656
Circle 3062 for More Information

Exhibitor Showcase



Stop By
Booth #1318 at
Police Security
Expo

Code 3 has a
New 2016 PI Utility
Video showcasing
all our
available lights.

Watch It Spin!

Visit code3esg.com for more information.

CODE 3
A Division of ESG | www.code3esg.com | 314.426.2700

See us at PSE 2016 – Booth #1318
Circle 3063 for More Information



See us at PSE 2016 – Booth #2020
Circle 3064 for More Information

Slim-Tuk™

MSRP \$39.99
Style 137

- Precision molded from Kydex®
- Tuckable 360™ C-Clip affords unlimited mounting options
- Features a rugged nylon clip
- Ambidextrous

Tuckable™
360°

De F Santis
GUNHIDE

431 Bayview Avenue, Amityville, NY 11701
desantisholster.com

800-GUNHIDE
631-841-6300
Dept. #PSS6

See us at PSE 2016 – Booth #1802
Circle 3065 for More Information

EVIDENT

Your #1
Choice For
Evidence
Collection

www.ShopEVIDENT.com
contact@ShopEVIDENT.com
1-800-576-7606

See us at PSE 2016 – Booth #1415
Circle 3066 for More Information

Master of Science in HOMELAND SECURITY

Online and in-person
class formats.

50+ convenient NJ locations.

Enroll today!
Classes begin year-round.

For information:
201-692-6523
fdu.edu/mshs

THE LEADER IN GLOBAL EDUCATION

**FAIRLEIGH
DICKINSON
UNIVERSITY**

See us at PSE 2016 – Booth #1828
Circle 3067 for More Information

Your commercial and fleet vehicle headquarters!

#1

IT'S BETTER AT
Fred Beans
FAMILY OF DEALERSHIPS

#1

(888) 903-2085 ★ fredbeansford.net

Fred Beans Ford of Doylestown
876 N. Easton Rd.
Doylestown, PA 18902

COSTARS™

The Commonwealth of Pennsylvania's Cooperative Purchasing Program
Passport to Business Opportunity and Procurement Savings

See us at PSE 2016 – Booth #213
Circle 3068 for More Information

Exhibitor Showcase

www.GOULDUSA.COM



GOULD & GOODRICH



Model X1000 Model X2000

X-CALIBUR™
SIMPLIFYING THE DUTY HOLSTER

- AUTO-LOCKING
- THUMB INDEXED
- PATENTED
- MADE IN U.S.A.

www.GOULDUSA.COM

See us at PSE 2016 – Booth #1523
Circle 3069 for More Information

FORCE on FORCE

UMAREX

T4E
TRAINING FOR ENGAGEMENT

Reality-Based Training Options

Policeammo
from
THE GUN SHOP

60 Main Street #D
Vincentown, NJ 08088-8870
(609)859-1997 Fax (609)859-3099
Email: info@policeammo.com

See us at PSE 2016 – Booth #1951
Circle 3070 for More Information

HAVIS



Ford Interceptor Sedan & Utility Solutions

- Integrated Control System
- Vehicle Specific Consoles
- Trunk Mount Systems
- K9 Transport Units



800-524-9900 ♦ www.havis.com

See us at PSE 2016 – Booth #806
Circle 3071 for More Information

HUNTER TECHNOLOGIES


We Sell and Support AVAYA Phones better than you arrest people

NJ STATE CONTRACTOR
732-542-9292
www.huntertech.com

See us at PSE 2016 – Booth #'s 738 & 740
Circle 3072 for More Information

STRONGARM BY HURST JAWS OF LIFE

UNSTOPPABLE



STARRING POWER
STARRING SPEED
STARRING PORTABLE DESIGN

STRONGARM BY HURST
JAWS OF LIFE IS POWERFUL YET PORTABLE, HELPING HEROES CUT, LIFT, SPREAD AND BREAK DOWN DOORS WITH EASE. WHEN THE GOLDEN HOUR STRIKES, ARM YOURSELF WITH THE UNSTOPPABLE STRONGARM.

800.537.2659 • 711 N. POST ROAD
SHELBY, NC 28150 • JAWSOFLIFE.COM

See us at PSE 2016 – Booth #620
Circle 3073 for More Information

JAMAR Technologies Black Cat Radar Recorder



- Detects Lane Position of Vehicles
- Detects 2 Lanes in Same Direction
- Modem Option for Remote Access
- Stores Multiple Data Files
- 'Quick Set' Configuration Option
- More Accurate Vehicle Lengths
- Built-in Solar Power Connection
- 98% Count Accuracy

"I see cars flying past my house every day!"

Sound Familiar? You know what he says, now find out what the evidence says with the Black Cat Radar.



sales@jamartech.com • www.jamartech.com
1-800-776-0940 • 1-215-361-2244
1500 Industry Road, Suite C
Hatfield, PA, USA 19440

See us at PSE 2016 – Booth #435
Circle 3074 for More Information

Exhibitor Showcase

KALDOOR

Kaldor Emergency Lights

- OVER 50 EMERGENCY EQUIPMENT PRODUCT LINES
- CUSTOM UPFITS, INSTALLATIONS AND REPAIRS DONE ON AND OFF PREMISES
- COMPUTER, RADIO AND K9 EQUIPMENT INSTALLATIONS
- EQUIPMENT TRANSFERS
- PERSONAL ATTENTION TO EVERY JOB
- REPLACEMENT PARTS

CODE 3
PUBLIC SAFETY EQUIPMENT, INC.

SoundOff
Signal
Smart Design

bluePRINT

732-780-6707

WWW.KALDOREMERCY.COM

See us at PSE 2016 – Booth #'s 1509 - 1513
Circle 3075 for More Information

FREE HMMWV

From the U.S. government?



YES! FREE! The U.S. Military is recycling excess vehicle inventory to municipal law enforcement agencies and **KASCAR**® has the accessories to civilianize these military trucks for use on city streets. Parts such as locking door handles, keyed ignition switches, 24v to 12v converters, and seat belt kits plus all the service and maintenance parts you need to keep your truck running and mission ready.

We can ship key parts TODAY!

*Don't have a 1033 truck?
We can put you in touch with the right people!
Visit us at booth 720*

KASCAR
www.Real4WD.com

KASCAR, LLC - 1 Kascar Plaza, Greenville, SC 29605
864-422-0370v - 864-422-1707f - www.Real4WD.com

See us at PSE 2016 – Booth #720
Circle 3076 for More Information

RADAR • LIDAR • BODY-WORN VIDEO
IN-CAR VIDEO • SPEED AWARENESS

KUSTOM SIGNALS, INC.



Capture the whole event from the officer's VANTAGE point!

For a demo of our Body-Worn Video or any other Kustom Signals product:

Contact Us
800.458.7866 or
sales@KustomSignals.com

See us at PSE 2016 – Booth #1237
Circle 3077 for More Information

200 GB

of Cloud Storage for \$25/Month
with L3Capture.com



**Capture the Evidence.
Capture the Truth.**

L3 Mobile-Vision, Inc.

mobile-vision.com/L3Capture

See us at PSE 2016 – Booth #1706
Circle 3078 for More Information

Redefining the Total Station for Crash/Crime Mapping



TruPoint™ 300
+ QuickMap 3D®
for Android

www.lasertech.com/PSNSC

LASER TECHNOLOGY

See us at PSE 2016 – Booth #'s 836 & 838
Circle 3079 for More Information

NO HOLES MOUNT



Secures and Positions Box within the Driver's Reach on the Passenger Side Rear Well

Foam lined sides and bottom

Attached with Seat Mount Brackets or Mounted in a Trunk, Closet, or Cabinet

Allows you to discreetly secure pistol before exiting the vehicle



Measures 8" Wide by 14" Long by 3.25" High

LUND INDUSTRIES
Weapon Storage Solutions

Lund Industries, Inc.
www.lund-industries.com
(800)504-1460

See us at PSE 2016 – Booth #1420
Circle 3080 for More Information

Exhibitor Showcase

Want to keep
your officers
safer at night?

Stop by
Booth #1839
and find out how.

NOPTIC®

See us at PSE 2016 – Booth #1839
Circle 3082 for More Information

Mack Retail
camera & video service

WE PROVIDE SALES & SERVICE FOR:



PLUS MUCH MORE!

VISIT OUR WEBSITE FOR MORE INFO:

WARRANTIES & REPAIRS:
WWW.MACKCAM.COM

SALES & RETAIL:
WWW.MACKRETAIL.COM

200 MORRIS AVE. SPRINGFIELD NJ, 07081
(973)467-2291 EXT. 111

See us at PSE 2016 – Booth #1623
Circle 3083 for More Information

**PERFORMANCE
APPAREL**



FUNCTION DICTATES FORM

MOCEAN

877-662-3680
WWW.MOCEAN.NET

See us at PSE 2016 – Booth #1526
Circle 3084 for More Information

Stop by Booth #1853
to Obtain Updated
Information on All
Available NRA
Law Enforcement
Training Programs!



(703) 267-1640
<http://le.nra.org/>

See us at PSE 2016 – Booth #1853
Circle 3085 for More Information

PAS SYSTEMS

A Leader in Advanced
Impairment Technology

AquilaScan

The next generation in
hand held oral fluid drug
detection - quick and
reliable roadside DUI
detection with data
management



PAS V Flashlight

Passive alcohol sensor
technology helps formulate
probable cause without the
subject's involvement



pasintl.com 800-660-SNIF

See us at PSE 2016 – Booth #1139
Circle 3086 for More Information

**Point Blank
ENTERPRISES, INC.**

Emergency responders
make up the core
of a fire dept's
ability to serve
a community.

Point Blank
offers a
variety of
protective
vests
including
the SOHPC
– specially
developed to
protect those that protect us.



**Point Blank
BODY ARMOR**

**PARACLETE
PROTECT UNDER FIRE**

Call us today to learn more about our protective solutions
for fire departments and EMS responders.
Toll-Free: 800-413-5155 | www.pointblankenterprises.com

See us at PSE 2016 – Booth #1437
Circle 3087 for More Information

Exhibitor Showcase

THE ULTIMATE TRAINING TOOL FOR HANDGUN ACCURACY



prohands[®] TACTICAL

Dry-firing is not enough. You must train your entire hand, wrist, & forearm to lock on the target.

DEMO AT BOOTH 1753
DISTRIBUTORS WELCOME!
www.prohands.net

See us at PSE 2016 – Booth #1753
Circle 3088 for More Information

#1 RATED BODY CAMERA BY THE U.S. DEPARTMENT OF HOMELAND SECURITY



PRIMA FACIE
Body Worn Camera

SAFETY VISION[®]

Find out more today
www.safetyvision.com
800.880.8855



Copyright © 2016 Safety Vision, LLC. All Rights Reserved.

See us at PSE 2016 – Booth #1642
Circle 3089 for More Information

Choosing the right body-cam is all in the details.

Our body-cams have the best details.

See our full line of body-cams online at
sentinelcamerasystems.com

SENTINEL CAMERA SYSTEMS

Tel: 215-635-3770 • Fax: 215-635-5143

See us at PSE 2016 – Booth #721
Circle 3090 for More Information

SETINA

DESIGNING FOR THE FUTURE



WWW.SETINA.COM

Firearm Mounts • Push Bumpers
Partitions • Door & Window Guards
Seating Systems • Cargo Storage
Total Vehicle Protection

See us at PSE 2016 – Booth #1636
Circle 3091 for More Information



SMITH & WARREN[®]

Built With Care. Worn With Pride.



www.SmithWarren.com

Contact@SmithWarren.com

Ph: 914.948.4619 • Fax: 914.948.1627

See us at PSE 2016 – Booth #1724
Circle 3092 for More Information

WARDROBE LOCKERS

Built to meet the rigorous demands of our public safety professionals



AIRFLOW[®] LOCKER

AIRFLOW[®]

Boasting heavy-duty construction & unique design, the Airflow[®] Locker is in a class all its own



PERSONNEL LOCKER

An excellent choice for those with a conservative budget, our Personnel Locker is the most cost effective heavy-duty wardrobe locker on the market



TIFFIN METAL PRODUCTS COMPANY[™]
450 Wall Street • Tiffin, Ohio 44883
800-537-0983 • www.tiffinmetal.com

See us at PSE 2016 – Booth #1123
Circle 3093 for More Information

Exhibitor Showcase



TROY PRODUCTS



**LIGHT-WEIGHT ALUMINUM
MOBILE COMMAND POST
STANDARD/CUSTOM DESIGNS**

**CALL TROY AT (800) 700-8769 or
visit www.troyproducts.com**

**See us at PSE 2016 – Booth #'s 1307 & 1309
Circle 3094 for More Information**



**TRAIN MORE
SPEND LESS**



**WALTHER® PPQ LE
BOOTH #1951**



Policeammo
from
THE GUN SHOP
60 Main Street #D
Vincentown, NJ 08088-6870
(609) 859-1997 Fax (609) 859-3099
www.theguns.com

**UX®
UMBREX
ZEROED IN**

www.T4EGuns.com | ©Copyright 2016 All Rights Reserved

**See us at PSE 2016 – Booth #1951
Circle 3095 for More Information**



**vcomm-eng.com
(800) 930-4307**

When it comes to
engineering high
performance public
safety networks...



...we've got
your back

**See us at PSE 2016 – Booth #1728
Circle 3096 for More Information**



**VELOCITY
SYSTEMS**



Protection At The Speed Of Need

45064 Underwood Lane, Unit B
Dulles, VA 20166
T 703.707.6280 | W www.velsyst.com

**See us at PSE 2016 – Booth #1630
Circle 3097 for More Information**



WESTIN
Public Safety Division

**PROTECTING THOSE
WHO PROTECT US**



f SEARCH "WESTINPUBLICSAFETY"
AND STAY CONNECTED!

FOR MORE INFORMATION // PH: 800. 345. 8476
WESTINPUBLICSAFETY.COM

**See us at PSE 2016 – Booth #2000
Circle 3098 for More Information**



PULL OVER.

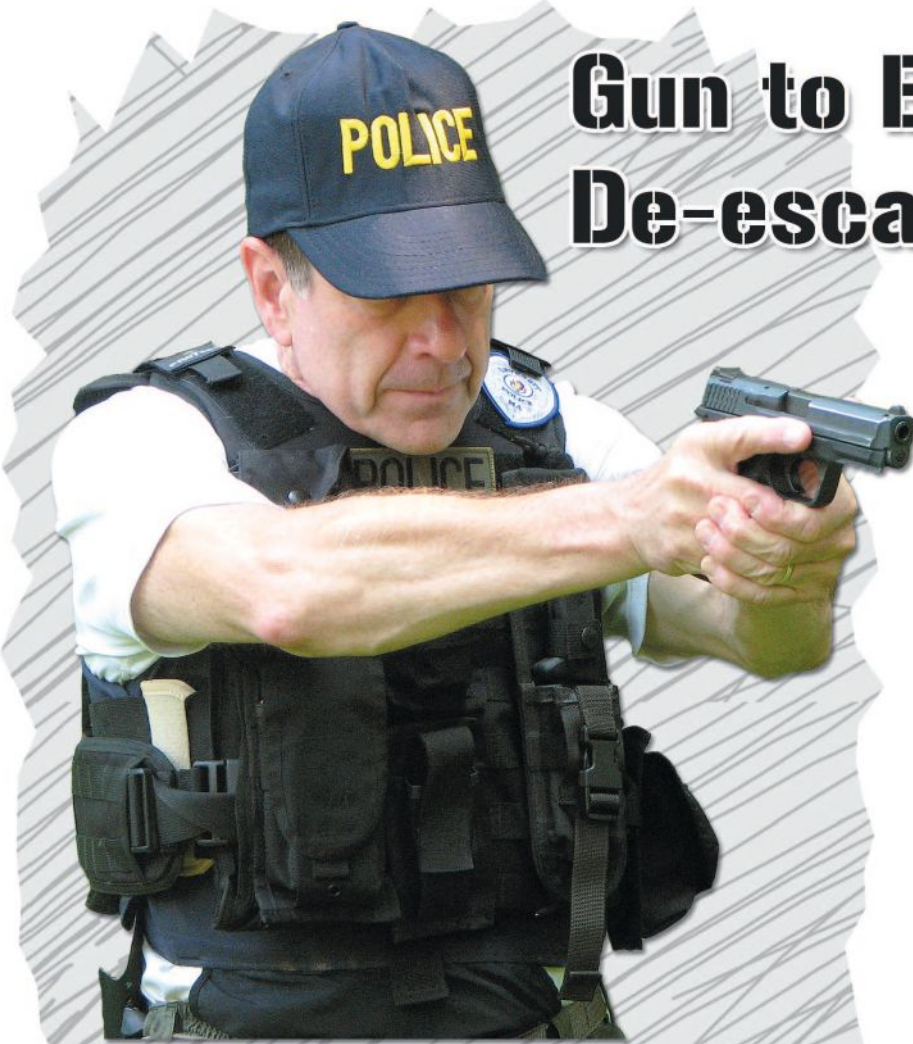
to booth #1657 to see the Yamaha
Police bike and provide your feedback.



EJR1300 Police Bike Concept

**See us at PSE 2016 – Booth #1657
Circle 3099 for More Information**

Gun to Empty Hand De-escalation:



The Much Needed, but Little Taught, Technique

Ralph Mroz

What do you do when there's no time to reholster your sidearm?

We challenge people with our handguns all the time. Often, they comply; sometimes, we are compelled to use deadly force; and, not infrequently, they don't comply, but lower their threat level, forcing us to also transition to a lower level force option. These events usually happen at very close distances and there's no time to reholster the handgun. Often, there's no time to access another weapon, either, forcing you to deal with the suspect with empty hands.

Concrete Example

This very situation occurred several years ago in a case in which I was asked to consult. During a raid on a suspect's house where the suspect was known to

possess a gun, deputies entered the residence and encountered the individual who came at them aggressively, waving his hands. The deputies properly challenged him with their drawn handguns, but, as the suspect got closer, it became clear that he was unarmed. Not being able to retreat (for reasons which are immaterial here, but were quite real), and not having the time to reholster before the suspect was on top of them, the closest deputy kept his handgun in his strong hand, lowered the gun and engaged the individual with his off hand. As he so engaged, sympathetic muscle contraction caused the strong hand to discharge his handgun, striking a fellow deputy.

This deputy, after all, did what he was trained to do and what so many instructors and "tactical" schools teach: Leave the handgun in the strong hand and use your nondominant hand to strike or direct the suspect. *This is a commonly taught technique!*

The Problem

What's wrong with this tactic? Only that it's all but guaranteed to result in the handgun being discharged as the weak hand goes to work. The cause is the widely known phenomenon of sympathetic muscle contraction. Under stress, a vigorous contraction of one hand will often trigger a similar, but involuntary, contraction of the other hand. When you strike or grab someone with your nonshooting hand, the hand holding the gun will also contract – including the trigger finger. This is a well documented and involuntary phenomenon, *one that occurs even if the trigger finger is in register on*

**A LOT OF PEOPLE
WOULD BE LOST
WITHOUT ONE.**

See our ultra-reliable & off-road
capable Side-by-Sides at booth 1657.



YAMAHA
Revs Your Heart™

Always protect the environment and wear your seat belt, helmet, eye protection and protective clothing. Read the owner's manual and product warning labels before operation. Professional riders depicted on a closed course. Models shown with optional Genuine Yamaha Accessories. ©2016 Yamaha Motor Corporation, U.S.A. All rights reserved.

**See us at the Police
Security Expo - Booth #1657
Circle 3100 for More Information**

Federal Law Enforcement Training Centers Cybercrime Conference – July 6-8, 2016

The Federal Law Enforcement Training Center (FLETC) in Glynco, Georgia, is hosting a Cybercrime Conference on July 6-8, 2016. The purpose of this event is to foster education and awareness of the current threats and innovations which may impact law enforcement officers and the manner in which they deal with cybercrime. The intent is to educate investigators with exhibits, lectures, demonstrations, and hands-on labs. During the conference, attendees will have the opportunity to collaborate with other FLETC training division staff and partnering organizations, as well as with vendors. There is no fee to attend the conference and the deadline to register is June 3, 2016.

Logistics and registration information is located at <https://www.fletc.gov/fletc-announces-cybercrime-conference>.



The police officer challenges the bad guy with a long gun. If a nonlethal force application is suddenly called for, the officer removes his strong hand from the gun, controls the gun with his support hand and engages the bad guy with his strong, dominant hand. This is how we've all been taught.

the frame, and, thus, you can't completely train it away. (However, because the chance of it happening is related to the stress the officer is under, you can somewhat mitigate its probability with realistic stressful training.)

The Answer

So, what's the solution? What's a better technique? I first saw the answer years ago in an article by Gary Klugiewicz in an issue of *The Law Enforcement Trainer* (the

publication of the now defunct ASLET). To ease you into it, think of what we've all been trained to do with long gun to empty hand transitions. Slung or not, we lower and control the shotgun or rifle with our support hand and use our strong hand for empty hand maneuvers (or to draw a handgun). Well, the same exact principle applies to the handgun. We simply withdraw our dominant hand from the handgun, leaving the handgun in the

support hand, *inherently in a position in which, no matter how hard we squeeze, the gun cannot be fired* and use our strong hand for whatever empty hand tactics are called for. The accompanying photos illustrate this.



Note that the nondominant hand is now holding the gun in a way which makes it impossible for the gun to fire.

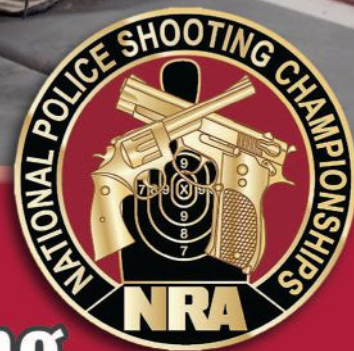
Rebuttal

Now, I can hear some of you saying, "Just reholster the gun, for cryin' out loud!" And, some more of you adding, "Only an incompetent can't reholster quickly." It is true that we should focus more than most of us do on rapid reholstering skills, but there are situations when the situation is evolving too fast for reholstering to be practical, as simple close quarter simulations have proven. For those times, let's teach a technique which is safe rather than one which is inherently unsafe. **P&SN**

Ralph Mroz was a police officer (part-time) in Massachusetts for 20 years, seven of which he was assigned to his county's drug task force. He has taught at a number of national, regional and international law enforcement conferences. His blog can be read at <https://thestreetstandards.wordpress.com/>



It should be the same with a handgun. If a nonlethal force application is suddenly called for, the officer removes his strong hand from the gun, controls the gun with his support hand and engages the bad guy with his strong, dominant hand.



**2016
NRA**

September 17-21

National Police Shooting Championships

Albuquerque, New Mexico

See us at the Police Security Expo - Booth #1853

Circle 3101 for More Information



NPSC

Host Hotel:

Embassy Suites

Albuquerque Hotel & Spa

1000 Woodward Place NE
Albuquerque, NM 87102

<http://NPSC.NRA.org>

703.267.1632

LECompetitions@nrahq.org

- **NPSC Shotgun Championship**
- **Stock Semiauto match**
- **Compete against others at your skill level**
- **Thousands of dollars in prizes and trophies**
- **Law Enforcement Vendor Show**
- **And much, much more!**

FIREARMS

AND

DEADLY FORCE TRAINING

The “objectively reasonable” law enforcement officer knows that regular recurrent firearms training is necessary to function safely on the often deadly streets of America today.

John Michael Callahan

Proficiency in shooting and marksmanship skills regarding both handguns and shoulder weapons derives directly from repetitive practice using the methods taught by expert firearms trainers.

The skill of shooting a firearm, especially handguns, will diminish over time. Preventing diminishing marksmanship skills requires recurrent, repetitive in-service firearms training.

Diminished marksmanship skills for police officers are a recipe for disaster. It is predictive of negative safety consequences for the officers themselves, fellow officers and the general public.



Firearms instructors should be carefully selected – utilizing those who possess strong leadership skills.

Mandatory Firearms Skill and Marksmanship Training

During my service as an FBI Special Agent, agents were required to shoot and qualify at an outdoor firearms range four times a year. In addition, during the cold winter months, we were offered the option to shoot indoors for an additional four times.

During the four mandatory outdoor qualification sessions, FBI agents had to meet, or exceed, qualification standards during each of the four shoots. There were no exceptions. Performance records were maintained by the FBI firearms instructors and remedial training

was given to those failing to qualify. Agents who were unable to attend a given mandatory training session were marked absent and were required to attend a makeup session at a later time. Agents were not excused from training and those unable to qualify were not given a pass. They received remedial training until they qualified.

There is no minimum national standard and no legal mandate regarding how many times annually active duty officers must shoot and qualify with respect to firearms. I understand that many state and local departments across America are unable to meet the FBI standard due to budget and manpower constraints. Nonetheless, the FBI requirement of four mandatory qualification shoots per year serves as a worthy goal. At a minimum, in-service firearms training must adhere to all state and, if more stringent, departmental standards for all state and local officers.

In February 2007, Ken Forbus, an NRA Certified Firearms Instructor, posted a blog that reviewed an FBI study, entitled "Violent Encounters: A Study of Felonious Assaults on Our Nation's Law Enforcement Officers." The FBI study was published in 2006 and, according to Forbus's review, the study focused on 40 violent encounters between 43 violent offenders and 50 law enforcement officers.

One disturbing finding of the study was that 80% of the offenders practiced regularly with handguns. In fact, these offenders averaged 23 practice sessions per year. In contrast, the victim officers in these violent encounters averaged 14 hours of handgun training annually and 2.5 qualifications annually. This indicates that many of the victim officers officially practiced training with their weapons substantially less than their on the street adversaries. This study alone sends a clear message –more firearms training for law enforcement officers is necessary.

QUALIFICATION TARGETS



QUALIFICATION TARGETS INC SPECIALIZES IN TRAINING TARGETS AND ACCESSORIES.

ALL NEW - U.S. State Department Targets **ALL NEW** - Reactive Targets

See our Website for our full line of Targets, Eye Protection, Hearing Protection and Gun Cleaning Equipment.
Call or Email Us Today for a FREE copy of our 2016 SUMMER CATALOG!

8 6 6 - 4 9 8 - 8 2 2 8

WWW.TARGETS.NET

Circle 3102 for More Information

TRAIN MORE SPEND LESS



SHOOT 12 ROUNDS PER \$1.00 NO PADDING REQUIRED RUBBER, PAINT, POWDER LOW MAINTENANCE



THE T4E T-M4 PLATFORM
WAS ENGINEERED
SPECIFICALLY FOR
LAW ENFORCEMENT
AS A SAFE, RELIABLE,
EASY-TO-MAINTAIN
TRAINING RIFLE.
DISCOVER MORE AT
T4EGUNS.COM




www.T4EGuns.com | ©Copyright 2015 All Rights Reserved

See us at the Police Security Expo - Booth #1951

Circle 3103 for More Information



Makeup sessions should be held for those who were unable to attend in-service training.



Firearms skills diminish over time – if your department doesn't offer regular training, it's up to you to practice at a local range.

Law enforcement trainers should be selected carefully by police administrators. These men and women must not only excel at shooting, but they must also exhibit strong leadership skills and be capable of sharing their wisdom effectively. Law enforcement trainers and administrators must take all necessary steps to insure that all recruit and in-service training is taken completely serious by trainers and participants. No officer should ever be excused from training. Makeup sessions must be held for those unable to attend. Participants who attend each session must qualify by the end of each session. Officers unable to qualify must receive remedial training until they qualify. Anything less is unacceptable and must not be tolerated.

Trainers must keep proficiency records on all officers. Trainers should be aware that these records may be subject

to subpoena, judicial review and disciplinary hearing scrutiny in the event of an officer involved shooting. In the event of a shooting incident, training officers and police administrators are likely to be required to testify **under oath** in a civil lawsuit, grand jury or a disciplinary hearing about the firearms training received by all of the officers involved. Great care should be taken to insure that those records are accurate, correct and truthful in every respect.

Falsification of training records could result in criminal charges, including perjury, against the offending officials. There can be no doubt that, once false records are entered, the likelihood of perjury is greatly enhanced during legal proceedings which may follow. The best way to avoid a cover-up is to avoid false record keeping from the outset.

Police administrators must insure that all reasonable training actions and decisions by their firearms trainers are fully supported and never undermined. The cardinal sin of a firearms trainer and police administrator would be to allow an unqualified officer to take a loaded firearm onto the street while on duty.

Being called to answer for allowing this to happen after a tragedy occurs would be my worst nightmare. Trainers and administrators must take all necessary steps to avoid a local news headline like the following, "Local Officer Shoots Innocent Bystander; Firearms Training Records Falsified."

One final point to be made regarding firearms marksmanship skills is obvious for law enforcement officers. If your department does not offer regular repetitive firearms training, officers should seize the initiative and join a local rifle and pistol club to enhance these skills on their own. It is similar to obtaining preventive maintenance on your automobile. You pay for it yourself, but such maintenance is a prophylactic to disaster. Likewise, enhancing firearms skills privately will likely be a significant factor in saving one's life down the road.

Even when your department schedules regular firearms training, shooting on your own will contribute substantially to saving your life someday.

Firearms Training – Beyond Marksmanship

The degree of danger in deadly force confrontations is so great that firearms training must go beyond good, or even excellent, marksmanship. Firearms training must also be made to be as realistic

WE HAVE YOUR BACK

BOLT LUBE
1.5 fl oz (44.3603ml)

BORE CLEANER & CONDITIONER
1.5 fl oz (44.3603ml)

- Superior lubrication
- Stays in place
- Does not gum up
- Removes deposits, residues
- Fast and easy cleanup

BOLT LUBE

- Suspends direct gas residue
- Reduces friction, wear, carbon build-up
- Flows when cold; viscous when hot

BORE CLEANER & CONDITIONER

- Ideal cleaning/conditioning
- Reduces build-up of deposits preventing bore fouling

ORDER TODAY 888.645.1101 • www.zMAX.com

Circle 3105 for More Information

FEEL THE LIGHT.



ALPHA ELITE BLACK

**One of the World's Lightest Level IIIA
Body Armor, Even Lighter**

When Point Blank introduced the revolutionary Alpha Elite Series, we set a new low, creating the lightest body armor in history. Now we've done it again. The new Alpha Elite Black is even lighter than our original Alpha Elite®, weighing a mere .79 psf. And with the latest generation of Dyneema® **Force Multiplier Technology** by DSM, a Point Blank exclusive, it offers a combination of light weight and protection previously unknown to ballistic science. Alpha Elite® Black is available in a variety of concealable and tactical carriers including our latest Elite concealable body armor system (as shown).

Contact us today to learn more. And get ready to Feel The Light.

eliteproven.com 800.413.5155



Dyneema® and Dyneema® Force Multiplier Technology are trademarks of DSM.

See us at the Police Security Expo - Booth #1437

Circle 3106 for More Information

106 • Page 37

to actual street shooting confrontations as possible. Realistic firearms training (at a minimum) must include realistic targets with actual pictures of armed perpetrators. It should also include interactive video simulator training with realistic laser-style weapons involving shoot and don't shoot scenarios.

Likewise, force on force training scenarios should be created in which "real bad guys" (i.e., law enforcement officers acting as bad guys) and law enforcement officers confront each other with realistic looking paint bullet (marking cartridges) or airsoft weapons and ammunition. Training should also include requiring officers to shoot on the move because many gunfights involve substantial movement by perpetrators and officers alike. Finally, officers should be constantly trained and reminded to seek available protective cover during regular training sessions to lower the chances of being shot and killed or wounded.

All of this training should be regularly repeated so that officers will not have to pause and think about what they need to

do. The training must be so ingrained into their psyche that it becomes second nature as though they are acting on autopilot. This is the kind of training which will allow officers to not only survive a firefight, but definitively win it.

Training on Realistic Targets

Lt. Colonel Dave Grossman, in his book, *On Combat*, speaks extensively on the kind of targets that law enforcement officers should be shooting at during regular firearms training. Grossman has summarily dismissed bull's-eye (i.e., circle targets) and silhouette targets (i.e., targets with the image of a human torso and head) as grossly inadequate. Instead, he recommends that targets be "photo-realistic" and contain a picture of a real looking human holding a firearm or some other dangerous weapon.

Grossman believes that officers who train consistently with photo-realistic targets will become mentally prompted to act immediately to defend themselves from being shot and killed or wounded by a menacing adversary. In other words, because of repetitive training involving



Paper targets should be photo-realistic and depict armed and dangerous individuals.

"The result of years of training, research, and practical experience"

LETHAL FORCE
and the OBJECTIVELY REASONABLE OFFICER
Law, Liability, Policy, Tactics and Survival

Lethal Force and the Objectively Reasonable Officer
Written by John Michael Callahan

Your Guide to Understanding the Complexities of Lethal Force:

A huge treasury of lethal force case law • Officer survival tips • Training methods & philosophies • An exploration of wound ballistics and the deadly reactionary gap • Exploration of "fleeing felon" issues

Looseleaf
Law Publications, Inc.

(800) 647-5547
www.looseleaflaw.com

HYDRA RAM USED BY ONE FIRE COMPANY TO FORCE 109 DOORS AFTER THE FIRST EXPLOSION AT THE WORLD TRADE CENTER IN 1993

THE FIRST AND ONLY ONE-PIECE INTEGRATED, PRESSURIZED HYDRAULIC FORCIBLE ENTRY TOOL

Truly a one man operation.

Weights only 11 lbs.

Full Extension in Only 7 Pumps.
Other Spreaders Require Up To 30 Pumps.

CALL FOR FREE CATALOG OF ALL OUR FORCIBLE ENTRY TOOLS

The KAYO
With the 1-2 Punch
THE HIGHEST KINETIC IMPACT OF ANY RAM ON THE MARKET
Weight: 40+ lbs. of longlasting epoxy/steel construction. Only 30 inches long with two forward handles and one rear, but enough for the second man to hold. Exclusive Celtex shock absorbing grips.
E-Z to stow, E-Z to carry, E-Z to use...\$300.00
One man battering ram - \$250.00

The Pro-Bar -
A 30 inch Halligan-type forcible entry tool. One piece construction. Length: 30" Weight: 8.5 lbs., Ship. wt. 10 lbs. **\$225.00**

Li'l Pro-Bar -
Type "A" lockpuller on adz and gas shut off key on fork. Length: 12", Weight: 2 lbs., Ship. wt. 3 lbs. **\$65.00**

Mini Pro-Bar - Diamond knurled grip, type "A" lockpuller on adz, and gas shut off on fork. Length: 20", Weight: 3 lbs., Ship. wt. 4 lbs. **\$80.00**

FIRE HOOKS UNLIMITED, INC.
1827 Old Mill Road, Wall, NJ 07719
PHONE: (732) 280-7737 • FAX: (732) 280-7792
www.firehooksunlimited.net

Circle 3107 for More Information

Circle 3108 for More Information

realistic targets, officers will react without hesitation to the danger confronting them. Hesitation in such dire circumstances significantly raises the likelihood of death or serious bodily harm for the officer and others. Repetitively shooting at targets containing armed and dangerous human images will cause the officer to react instantly without conscious thought or delay during an actual shooting event.

Colonel Grossman reinforces his point by contrasting the training of the US Military in World War II and the Vietnam War. Grossman points to a study conducted during World War II which revealed that, unless ordered to fire by a superior, only 15% to 20% of US soldiers would fire at an exposed enemy soldier. He concludes that, "When soldiers were left to their own devices, the vast majority of them...could not kill." Grossman correctly points out that this was a problem with training which could not be allowed to continue. In war and in officer involved shootings, failure to quickly shoot at your adversary exponentially

"You need to be prepared for the possibility of being shot. The key is to not be overwhelmed by it. Keep your head about you and fight back. Combat soldiers sustain some pretty serious injuries on the battlefield and live to tell about it. Don't think that just because you've been shot that this is the end."

– Michael T. Rayburn, *Combat Gunfighting*

raises the probability of your own demise.

Colonel Grossman reports that our soldiers in WWII were trained to shoot at bull's-eye targets. He observed that bull's-eye targets present no threat, don't shoot back and don't condition the soldier/law enforcement officer to immediately shoot in self-defense. US Military trainers recognized this gross deficiency in training after WWII and corrected it before the Vietnam War.


Colonel Grossman reports that soldiers who have served in our military since Vietnam have been universally trained to shoot at man shaped targets which pop up in their field of view, "thus

ingraining in them a conditioned response. The stimulus appeared and they had a split second to respond." This kind of training was repeated time and again and resulted in a sea change in mind-set. In fact, during Vietnam, the shooting response rate of our soldiers increased from 15%-20% to 95%.

Law enforcement officers in America today deserve to receive the same lifesaving training which has proven to be the best for our military. Paper targets must contain photos of life-like armed adversaries. Firing ranges should be equipped to the extent possible with targets of armed subjects which appear suddenly in the path of trainees. Constant repetitious shooting at targets of this nature should be the norm rather than the exception.

Video Simulators and Force on Force Training

By now, it should be abundantly clear that firearms training which is limited to shooting at paper targets for qualification




LASER TECHNOLOGY

FOR THE LAST 30 YEARS, LASER TECHNOLOGY HAS BEEN COMMITTED TO ENGINEERING THE VERY BEST LASER MEASUREMENT DEVICES.

Starting at day one, we have solely focused on evolving laser measurement technology and using it to create devices that address real-world needs that include speed enforcement, accident investigation, forestry, mining, construction, utilities, surveying and more.

We have always held the belief that we are only as good as the last measurement taken by any of our products. That's why you'll find 30 years of engineering, experience and expertise in every unit we make, and why we look to be pioneers for at least 30 more.

Visit www.lasertech.com/PSNE to join our 30th Anniversary Customer Celebration.



See us at the Police Security Expo - Booth #'s 836 & 838

Circle 3109 for More Information

policeandsecuritynews.com • May/June 2016 • Page 59



Southern Police Equipment
100% Woman Owned Small Business

LE Trades

Model 64
Start \$329 Smith & Wesson

LEO Windham Weaponry

SRC
from \$765

LEO
BERETTA

PX4
from \$528.99

Like us on Facebook

BUY SELL TRADE

GSA Over 11,000 Products
GS-07F-0273T

800-542-5243
www.southernpoliceequipment.com

Circle 3110 for More Information

purposes is grossly inadequate.

It is the duty and obligation of law enforcement administrators, public officials and police firearms trainers to provide the best training which is financially feasible for their officers. This training should attempt to condition officers and expose them to what it is like in actual officer involved shooting situations. Officers exposed to realistic training scenarios requiring deadly force are much more likely to survive and win real-life deadly force confrontations.

Accordingly, training should include regular exposure to computer controlled video simulators which involve lifelike video scenarios which permit officers to interact with the video taking place before them. Realistic looking firearms are used to connect the officer mechanically to what is occurring on the video screen before him/her. Places of cover and concealment should be set up adjacent to the officers to allow them to choose available cover to protect themselves as though the simulation is real. Interaction with the video will teach officers when to shoot or not shoot. It will drive home how quickly "routine" interactions turn into life-threatening confrontations. It will demonstrate to officers the split second decision-making which makes the difference in life-and-death situations.



Video-based training simulators create realistic scenarios where deadly force decisions are made in real time.

The most realistic method of recreating real-life deadly force incidents involves force on force training. Force on force training involves actors (police officers or otherwise) involved in assuming the role of armed and dangerous perpetrators. These actors are provided a script and will directly confront law enforcement officers involved in the training session. All participants will be dressed in protective gear and both trainees and "bad guys" will be armed with training firearms which are designed to fire paint bullets, aka marking cartridges, or airsoft projectiles.

In his book, Colonel Grossman comments about force on force training and observes, "There is a powerful obligation to participate in this type of realistic training. There are many officers who do not want to participate in paint bullet training for fear of having to lay their training skills on the line in front of their peers; fear of feeling the sting of a round impact their skin; and a general fear of having to function outside their comfort zone. Yes, these factors do exist in this valuable, realistic training – but they also exist in a real gun battle."

As mentioned previously, the point of force on force training is to condition officers to the extent possible on what it is like to be involved in a real firefight before they are actually in one. Imagine the impact on an officer in a force on force training session which is shot once or multiple times with paint bullets. Being shot in a paint bullet training exercise will have a lasting positive impact upon involved officers.

Officers involved in force on force training will learn to rely on their safety training in a more positive way. They will approach potentially dangerous subjects more cautiously. They will learn to take cover and not to expose large portions of their bodies to their adversaries. They will draw their



Guardian Protective Devices, Inc.

Proven to be the **Very Best** in several blind tests conducted by the US DOD.

856.753.5007 ★ www.guardpdpd.com

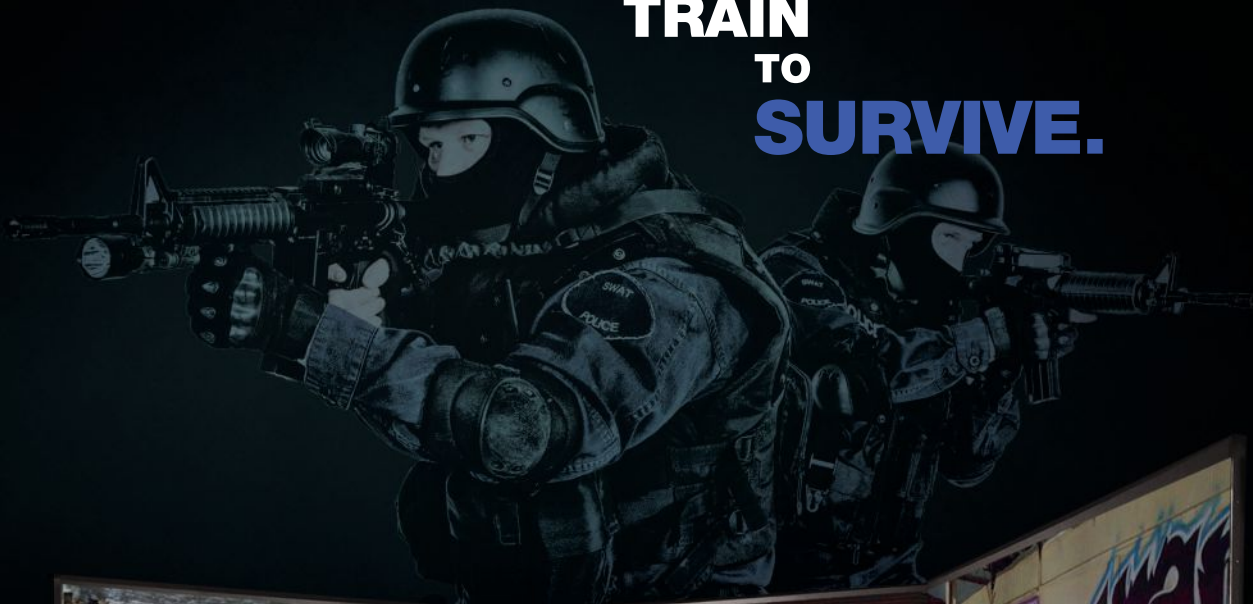
- ★ Multiple NSN's awarded by the US Army and the US Air Force
- ★ Providing over 25 years of experience
- ★ BOV Technology available which allows units to be deployed from any angle
- ★ Currently in use by Police Departments, Every Branch of the US Armed Forces and Private Security Firms
- ★ Most units available in 5 delivery systems – Stream, Cone, Gel, Foam, and Vapor

MK-3 MK-4 MK-9 MK-20

See us at the Police Security Expo - Booth #1502

Circle 3111 for More Information

TRAIN TO SURVIVE.



INTERACTIVE LAW ENFORCEMENT TRAINING SYSTEMS



180° and 300°
configurations
available.



Multi-directional
immersive threat
environment for
enhanced realism.



CGI Marksmanship
exercises to keep
your skills sharp.



Lethal and non-lethal
weapon options to
maximize your training
experience.



Visit us at milorange.com
for more information
or call 800.344.1707

#1 CHOICE
OF LAW ENFORCEMENT, MILITARY
AND GOVERNMENT AGENCIES WORLDWIDE

Circle 3112 for More Information

firearms to the ready position in dangerous situations to react more quickly to dangerous actions by suspects. They will learn to move laterally in the face of danger and shoot before being shot. They will realize in an unforgettable way, the life-saving value of wearing protective body armor. They will also experience the positive and negative aspects that the release

of adrenaline will have on their minds and bodies during life-threatening situations.

In the Line of Enemy Fire – Move and Shoot

The concept of “action v. reaction” reveals that, when a shooter has made up his mind to shoot and has his finger on the trigger of a pointed handgun, he will be able to fire nearly four bullets in one



second. An officer will never be able to draw a holstered weapon and respond to the threat in time to stop it. Even if the officer has already drawn his/her own weapon, the end result will be the same. Before the officer can fire his/her weapon at the offender, the offender will fire three or four bullets at the officer. Of course, this is an unacceptable result and outcome.

GLOCK® 42 Plus One Extension

This Product Replaces The Magazine Floor Plate And Allows For One Additional Round Of Capacity.

Suggested Retail \$9.95

See Your Local Dealer
Or Contact

PEARCE GRIP
Specializing in Replacement Grips for Firearms

P.O. Box 40367
Fort Worth, Texas 76140
(800) 390-9420 (817) 568-9707 fax
<http://www.pearcegrip.com>



Ask For Product # PG-42+1

Circle 3114 for More Information

ACCEPT NO SUBSTITUTIONS



PSR
ATLAS
BIPOD

ATLAS BIPOD • D

BT

ACCU-SHOT MONOPOD • C

SEE MORE AT
[ACCU-SHOT.COM](http://accu-shot.com)

Circle 3115 for More Information



When I was still in the FBI in the late 1990s, the FBI trained its agents to take several steps to the right when facing this situation and fire multiple rounds at the offender while moving. Dave Spaulding, a well-known law enforcement firearms trainer, wrote an article on this subject for Policeone.com in July 2006, entitled “Firearms: Don’t be a Sitting Duck.” In the article, Spaulding speaks about the necessity of officer movement in the above described situation. He says, “We all know hitting a moving target is harder than hitting a



Force on force training removes officers from their comfort zone and exposes them to high stress situations.

stationary one. Sitting ducks in a gunfight get hurt or killed. So, don't just stand there – move.”

In my view, Spaulding is spot on in his thinking. By moving in the above circumstance, the officer is immediately altering the action v. reaction dynamic. The suspect who initially had the advantage is now required to react to the



Sitting ducks get killed in a gunfight, so it's critical to practice moving laterally and finding cover.

officer's movement. The officer is no longer standing where the suspect thought he was. There will follow the inevitable suspect need for split second adjustment – both mentally and physically – to the officer's position change. Meanwhile, if the officer has drawn his weapon, he can begin to fire at the suspect before the suspect has adjusted to the change of position. The concept of action v. reaction has been turned in favor of the officer and rounds are now traveling directly at the

The Police Tear Bomb




This shock came with the throwing and striking of the bomb. A reaction was set up which released a large volume of a gas which made the immediate vicinity highly uncomfortable for human habitation, while doing not the slightest permanent harm to its "victims." This version of a gas bomb was the invention of Major S. J. Delaney of Trenton, NJ.

Photo: Scientific American


TECHNOLOGY FROM THE PAST

In 1922, a great many news items appeared in the daily press about the use of tear bombs by police in an effort to control the outbreak of crimes of violence they were then experiencing. The illustration shows how one of these bombs works, much like similar ones used by US troops in World War I. When the pin between the upper and lower sections of this unusually shaped bottle was removed, the liquid in the small tube would, at the slightest shock, flow out of this tube and into the bell-




INDUSTRIES
Weapon Storage Solutions


NO HOLES MOUNT



INDUSTRIES
Weapon Storage Solutions



Allows you to discreetly secure pistol before exiting the vehicle



Secures and Positions Box within the Driver's Reach on the Passenger Side Rear Well

Attached with Seat Mount Brackets or Mounted in a Trunk, Closet, or Cabinet

Lund Industries, Inc.
lund-industries.com
(800)504-1460

- The Pistol Box Features Foam lined sides and bottom and a proprietary cam capture bracket for security.
- Features a Multipurpose D-ring for Carry, for Positioning in the "Quick Disconnect" Mount, or for an HD cable
- Measures 8" Wide by 14" Long by 3.25" High

See us at the Police Security Expo - Booth #1420

Circle 3116 for More Information

offender. Moreover, the officer is also creating distance between himself and the offender. Distance increases the odds of not being shot by the offender.

Spaulding states, "The most common and best utilized movement in a gunfight is the lateral movement. In fact, you should incorporate the lateral movement just about every time you practice the draw. Consider this: You confront an armed suspect [and both draw your weapons]. He...attempts to deliver his gun in your direction, but you aren't there. You've sidestepped (i.e., moved laterally) which gives you just enough time to get into his reaction/response loop, creating lag time for him and allowing you to deliver the first accurate shot...This move has saved cops...time and again."

In a later article, titled "Shooting While Moving," Spaulding once again speaks about the concept of lateral movement and states, "The truth is getting off the line [the direct line of fire between the bad guy and the officer] does work, but the

"Some folks are under the impression that if you ask an undercover cop if they are, in fact, a cop, they are legally obligated to tell the truth. They aren't."

– Adam Plantinga, *400 Things Cops Know*

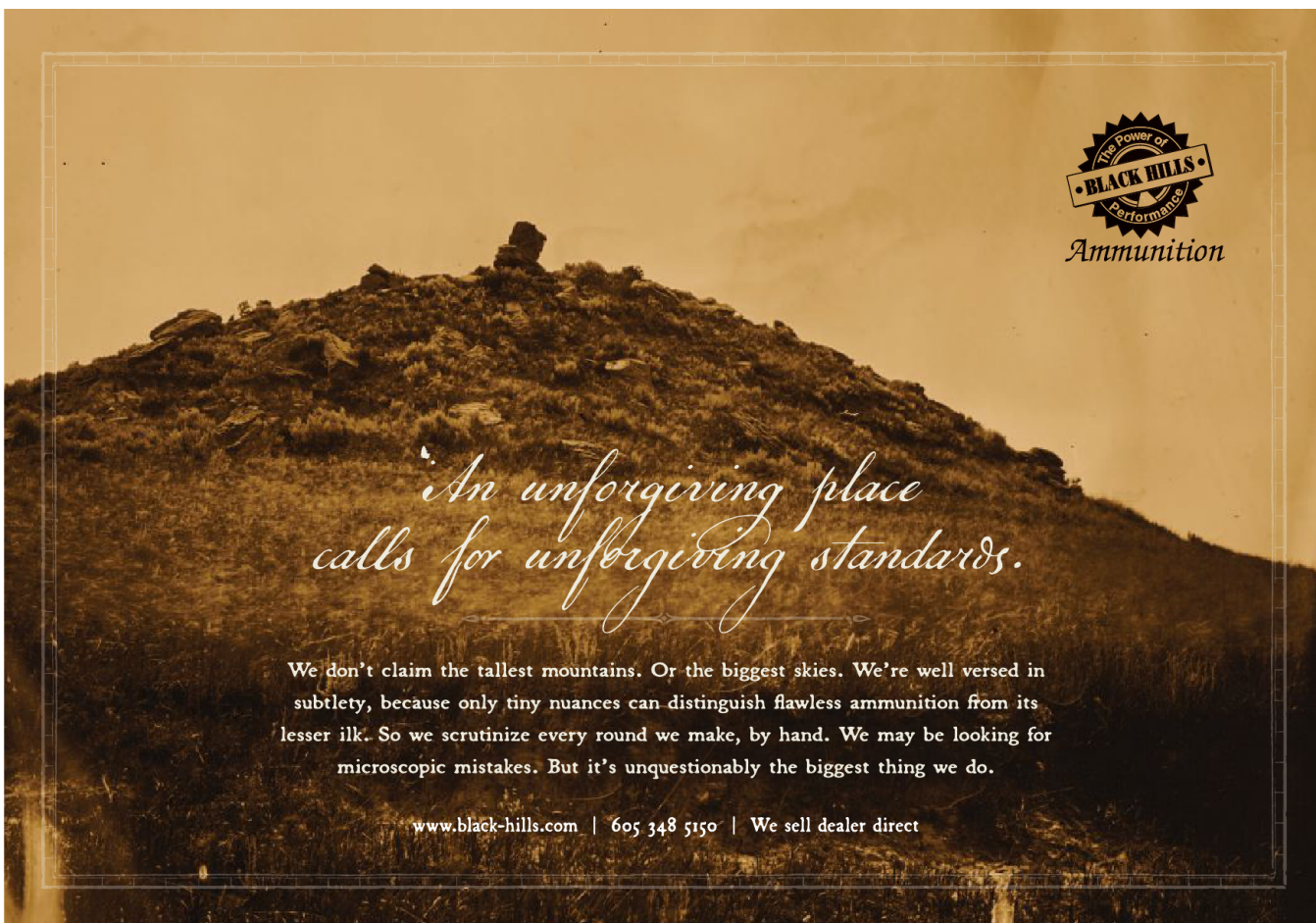
single lateral step taught on many square ranges doesn't accomplish this. Lateral movement, to be effective, must be explosive and is more likely to work, if your opponent is [at] 12 o'clock and you're [at] six o'clock ...drawing and shooting as you...move laterally in an aggressive manner away from your opponent."

Officers need not wait for their next department sponsored training session to practice this technique. It can be practiced over and over again with a safe and empty duty firearm. Place a target of an armed subject holding a firearm on your basement/ garage wall. Stand between five and ten feet away and repetitively practice moving laterally away from the target while

dry firing multiple rounds at the target. It may someday save your life.

Repetitive Regular Firearms Training – A Necessity

In his book, *On Combat*, Lt. Colonel Grossman is a major proponent of regular recurrent and repetitive firearms training for both law enforcement officers and the US Military. He reports that, in 2003 while training US Marines before their deployment to Iraq, he was approached by a marine who told Grossman what a veteran marine once told him about training and combat. The marine said, "Colonel, my old gunny taught me that, **in combat, you do not rise to the occasion, you sink to the level of your training.**" Colonel Grossman believes that "Whatever is drilled in during training comes out the other end in combat." He also believes that, when officers practice lifesaving techniques over and over again in training drills and on their own, the techniques become part of their very nature. The techniques become so ingrained in the officers'



**THE POWER OF
•BLACK HILLS•
Performance**

*An unforgiving place
calls for unforgiving standards.*

We don't claim the tallest mountains. Or the biggest skies. We're well versed in subtlety, because only tiny nuances can distinguish flawless ammunition from its lesser ilk. So we scrutinize every round we make, by hand. We may be looking for microscopic mistakes. But it's unquestionably the biggest thing we do.

www.black-hills.com | 605 348 5150 | We sell dealer direct

Circle 3117 for More Information

psyche that, when confronted by a deadly adversary, they react without conscious thought, if you will, on autopilot.

Firearms Training in Close Quarters

FBI LEOKA [Law Enforcement Officers Killed and Assaulted] statistics for the ten year period between 2002 and 2011 reveal that 500 law enforcement officers were murdered by firearms and 399 (approximately 80%) of those officers were standing between zero and 20 feet from their killers when shot. This statistical data is highly instructive and cries out for change in the manner that firearms training is delivered to officers throughout the United States. When the well-known "kill zone" is 20 feet or less, why do we spend scarce training time shooting from distances of 25 yards or beyond? Shouldn't the training focus be on training officers to not only survive, but also win, deadly confrontations in the "kill zone"?

Kevin Johnson, a journalist for *USA Today*, reported on January 7, 2013, that the FBI has radically changed its firearms training to reflect the need to focus on what historically has taken place in the "kill zone." Johnson reports that the FBI reviewed nearly 200 shootings involving FBI agents over a 17 year period and found that 75% of them involved suspects who were within three yards of agents when firing took place.

Johnson reports that flowing from that review was a dramatic shift in FBI firearms training which, for several decades, focused on longer-range marksmanship training. Prior to the change, FBI agents qualified with their pistols by firing 50 shots, more than half fired from the 15 yard line and the 25 yard line. The new qualification course involves firing 60 rounds, and 40 of them are fired from seven yards and up to three yards from the target.

Regular Training on Constitutional and Departmental Deadly Force Standards


Marksmanship with a firearm and combat shooting are only part of the full required training picture. The rest of the picture involves a complete understanding of constitutional and departmental policy standards regarding use of deadly force. Sending officers out on the street with shooting skills, but no understanding of when they can be used, would be like sending football players into a game without knowing football field rules. Failure and chaos are sure to follow.

Spending cuts by federal, state, and local governments and law enforcement agencies on critical firearms and deadly force training programs are penny-wise and pound-foolish. The relatively small amount of money saved will be swallowed up in the failure to train lawsuits which follow. More important, our frontline officers who risk their lives daily to protect and serve will be placed at a distinct personal safety disadvantage by these shortsighted money saving measures. These officers deserve the best available deadly force training to save their own lives and the lives of innocent civilians they represent. **P&SN**

Editor's Note: This article has been excerpted from a well written and authoritative book by John Michael Callahan, entitled *Lethal Force and the Objectively Reasonable Officer*. Copies of this book can be obtained from Looseleaf Law Publications, Inc., 43-08 162nd St., Flushing, NY 11358; phone (800)647-5547; or visit their Web site at www.LooseleafLaw.com. The price of the book is \$21.95 (plus shipping and handling).

TUFLOC®


For A Tough World



TUFBOX SECURITY DRAWERS





TufBox locking drawer systems provide a way to safely secure guns, store equipment and organize belongings. Manufactured with heavy-duty steel, the TufBox is built to withstand the everyday demands that are expected of all Tufloc products. Available for all SUV's and cruisers.



Featuring the TufBox Base
When additional clearance is needed, this adjustable base will allow the TufBox to be raised off the vehicle's floor. The base provides storage under the drawer while still allowing access to the spare tire.

Accessories:

- Motion-Activated Light
- 3" Raised Lip
- Exterior Protective Rubber Mat
- Premium T-Handle Keyed Lock
- Combination with Key Override
- Interior Foam • Drawer Dividers



Gun Racks • Lockers • Organizers • Locks
800-321-0870 www.tufloc.com

Circle 3118 for More Information



Ralph Mroz

Is there a 100% “leak-proof” safety protocol which is highly practical to implement; takes almost no time; and uses very few resources?

A couple of times a year, we still read about a police officer killed during training supposedly conducted with “safe” or “unloaded” weapons. These deaths are not the result of the “law of large numbers” – they are completely unnecessary!

Why do these accidents continue to happen? Well, the obvious reason is that live weapons were somehow introduced into the training area. Why does this happen despite a number of existing good safety protocols? Clearly, either 1) a good safety protocol wasn’t implemented, or 2) a good safety protocol was implemented, but insufficiently followed.

Why wasn’t a good safety protocol implemented? Frankly, it’s due to laziness or incompetence. We still see way too many simulations run off-the-cuff, with some half-assed protocol sort of implemented some of the time. Included here as half-assed are “protocols” which fail to search an officer anytime he leaves the simulation area – to take a call, hit the head, go to lunch, or whatever. Part of the reason this happens is that we simply, as a profession, do not yet have a *culture of safety* in simulations. This is in contrast to our religious following of the four cardinal firearms safety rules whenever we engage in firearms training.

Sadly, we simply haven’t reached that level of concern as a *cultural norm* with simulation safety yet. No one howls when a simulation is run unsafely; no one gets fired; no one gets disciplined. In 30 years, our kids or grandkids will look back at these training deaths and wonder, “What the hell were they thinking?”

Why would a good safety protocol be insufficiently followed? It’s not because an instructor who knows them wakes up one morning and says, “The hell with the safety procedures today.” Rather, it’s because the protocol is too complicated or impractical to be followed. It may be 100% safe if it is, in fact, followed, but if it consumes too many resources (too many officers, too much space, or too much equipment) to implement, or if it consumes too much training time to implement, or if it’s just unworkable under the demands of a law enforcement trainer working with small budgets and too little time and people who still need training, then it’s going to fall by the wayside. In this vein, we have seen protocols which require several police officers acting as safety officers so that two officers could train. We’ve also seen protocols which had so many “rings of safety” that, in order to run a simulation in a room inside a building, you’d have to shut down not just the room, but the corridor leading to it, the entire building, *and* its parking lot (no kidding!).

Is there a solution? Yes, there is. The Massachusetts Law Enforcement Firearms Instructors and Armorer’s Association (MLEFIAA) has a Simulation Instructor Course which solves this problem. It’s available from them on DVD for only \$10.00 and the MLEFIAA charges \$35 if you want to take the included test and get a certificate of completion (available to LEOs only).

The MLEFIAA protocol centers around keeping all real weapons – loaded or unloaded – out of the simulation area. It just makes our jaws drop, but we still see simulation training conducted with real and supposedly unloaded weapons. An unloaded real gun is nothing more than a dangerous dummy gun. With dummy guns running only maybe \$50, there’s no excuse for every officer not to have one. If force on force is part of a simulation, then you can’t use real guns anyway – you need something like airsoft guns. So, not only is there no reason for real guns to be present in simulations, there’s no training needed for them.

The MLEFIAA protocol requires only two people to run a simulation: an instructor and a safety officer (but you can use as many safety officers as you like). It em-

What Are You Missing in the Dark?



**WITH NOPTIC - YOU SEE THEM
THEY CAN'T SEE YOU**

NOPTIC®
Made In USA

Spotlight Mounted Thermal Camera - Always Available
Enhance Patrols • Conduct Stealth Surveillance
• Locate Hiding Perpetrators • Superior Technology

MSM PUBLIC SAFETY

Office 518.882.7441 Mobile 518.441.9480

www.noptic.com/msm-public-safety

CONTACT US DIRECTLY
for assistance with purchasing
through grant funding/forfeiture



See us at the Police Security Expo - Booth #1839

Circle 3120 for More Information

AMCHAR WHOLESALE INC.

Law Division

**Committed to bringing you the highest
quality Firearms, Ammunition and Supplies.**

**Now
HIRING**

We are currently looking for motivated individuals with LE experience to sell our products and services! Inquire at AmcharLaw.com

DEPARTMENT TRADE-INS:

We take confiscated guns & old equipment. Earn credit on your account with AmChar towards new equipment, firearms, and ammunition.



FIND US ONLINE:

[Facebook.com/AmcharWholesale](https://www.facebook.com/AmcharWholesale)
[YouTube.com/user/AmcharWholesale](https://www.youtube.com/user/AmcharWholesale)

AmCharLaw.com

See us at the Police Security Expo - Booth #2007

Circle 3119 for More Information

MLEFIAA SAFETY PROTOCOL SUMMARY

Setting Up the Area

- Define a physically separate simulation area – with barriers or tape;
- Specify **one – and only one – entry point**;
- Position a secured weapons sanitizing chamber and the simulated weapons arsenal appropriately for flow. An “on deck” area just outside the entry point is also a good idea;
- Clear the simulation area for weapons:
 1. Visually – look thoroughly
 2. Interrogatively – ask someone familiar with the area
- Instructor assigns a Safety Officer (SO) and posts him/her at the single entry point.

Clearing the Participants

- Instructor and SO clear each other:
 1. Visually – look to see if they have a weapon
 2. Physically – search them (physically, not with a manometer)
 3. Interrogatively – ask if they have a weapon
- SO clears **every** person (including the Instructor) entering the simulation area **every** time:
 1. Visually – look to see if they have a weapon
 2. Physically – search them (physically, not with a manometer)
 3. Interrogatively – ask if they have a weapon.

Protective Gear for Airsoft

(Other Technologies May Require More Protection)

- Face fitting goggles for everyone who could be hit by a projectile; and
- Face and neck protection for all role players and breast protection for women.

plays a simple, yet complete and redundant, protocol to insure that no real weapons enter a defined simulation area. It is very quick to implement, adding no more than five percent to the time of the training. It is 100% safe and easy to remember, and it requires no special equipment.■

For more Information, contact the Massachusetts Law Enforcement Firearms Instructors and Armorer's Association (MLEFIAA) on their Web site at www.mlefiaa.org. **P&SN**

Ralph Mroz was a police officer (part-time) in Massachusetts for 20 years, seven of which he was assigned to his county's drug task force. He has taught at a number of national, regional and international law enforcement conferences. His blog can be read at [https://thetstreetstandards.wordpress.com/](http://thetstreetstandards.wordpress.com/)



Strong
Badge Cases, Gear Bags & Holsters

StrongBadgeCase.com
Since 1932

Proudly Made in America

RFID Blocking Leather Wallets





STRONG
RFID
SHIELD

MADE IN THE U.S.A.

Many credit and smart card ID's have RFID chips embedded in them that contain your personal and departmental information. Our RFID signal blocking lining is approved by the Federal Government to block transmissions and help prevent identity theft.

Contact your local dealer or email us at sales@strongbadgecase.com

See us at the Police Security Expo - Booth #1521

Circle 3122 for More Information



AMERICAN

Uniform + Supply

“Serving the Finest with the Finest”

6831 US Highway 9
Howell, NJ 07731
1-888-AMERUNIF
1-888-263-7864

Website: amerunif.com
email: info@amerunif.com

Your Neighborhood store
on the Internet
featuring the finest in
law enforcement products

Look for the **AMERICAN** Flag in
Aisle 1700 at the
Police Security Expo 2016
In Atlantic City June 28-29

See us at the Police Security Expo - Booth #1719

Circle 3123 for More Information

Clean - Non Toxic - No Shelf Life Issue



Marker Rounds

&



Protective Gear



Reality - Based Training Options

UMAREX



CO2 Powered Guns & Marker Rounds

Highly Affordable
Train More but **Spend Less**

see us at

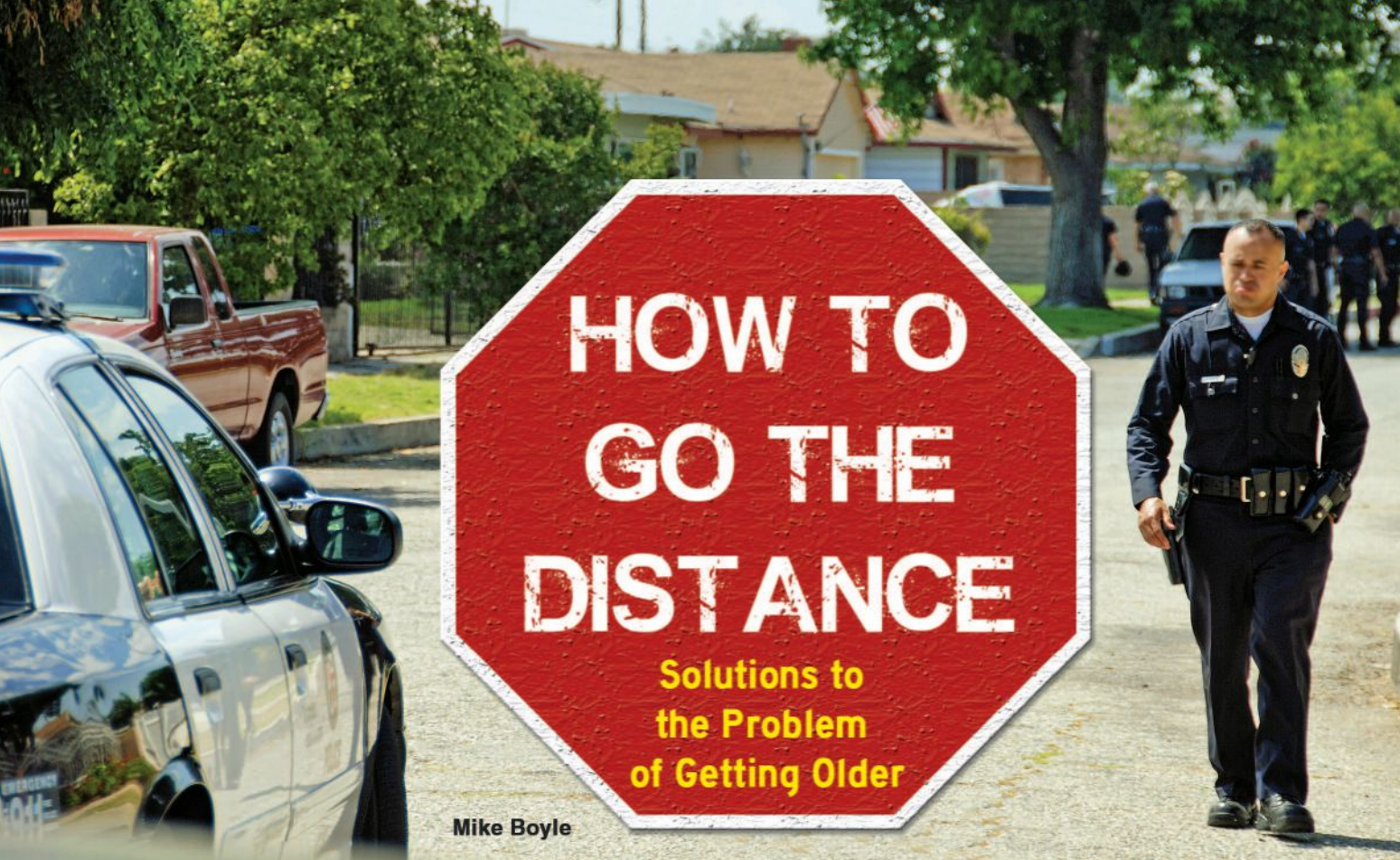
PSE2016
Atlantic City, NJ
June 28 & 29
Booth 1951



Policeammo
from
THE GUN SHOP

60 Main Street #D
Vincentown, NJ 08088-8870
(609)859-1997 Fax (609)859-3099
Email: info@policeammo.com

Circle 3124 for More Information



Mike Boyle

Growing older remains one of life's better practical jokes. Just when you've got it all figured out, the various parts of your body begin to betray you one by one. More so in law enforcement than most other professions, encroaching middle age can have an adverse impact on performance. Over time, many of us have found that heavy gun belts and long hours behind the wheel of a cruiser make for a perpetually sore back. Others may note that their handgun qualification scores have taken a dip.

Although we can't turn back the clock, there are a few things we can do to keep Father Time in check. With a little bit of effort and the right gear, you may, in fact, find that Fountain of Youth. I'm afraid these measures will not make your waistline shrink or your hair grow back, but they can improve performance in a few vital areas.

See the Sights

I have been blessed with pretty good vision and I didn't need reading glasses until I was past my 50th birthday. Shortly thereafter, the fine print on business cards and the front sight of my pistol became fuzzy. When I began missing a shot or



Revision's StingerHawk™ glasses protect the eyes from range hazards and can include the Rx Carrier with prescription lenses.

two in instructor demos at my firearms classes, I knew the time had come to get corrective lenses.

Revision Military, Inc. is a leader in providing quality eyewear for soldiers and cops. A few months ago, I began using Revision's StingerHawk™ Spectical System which, to date, has met all of my expectations. The StingerHawk offers superior ballistic protection, flawless optics and full impact protection in a low profile design. These glasses meet the U.S. Military's ballistic impact resistance requirement. The lenses are scratch-resistant and also feature an antifog coating.

Best of all, my StingerHawk glasses accommodate the Revision Rx Carrier. The Rx Carrier can be fitted with prescription lenses from your eye care specialist and can be discreetly snapped into your protective eyewear. Not only are your eyes protected from the usual range hazards, but I can once again see the sights clearly. If I miss now, I can no longer blame my compromised eyesight!

Shoot a 9mm

In the early 1990s, there was a push in the law enforcement community to go with larger caliber pistols, such as the .40 S&W and .45

ACP. I own and shoot pistols chambered for both calibers and have never felt them to be hard kickers, especially when compared to my old .357 Magnum service revolver. But, make no mistake about it, there is a bit more muzzle flip and felt recoil with the larger calibers.

Many senior law enforcement officers will admit that shooting a handgun is not nearly as much fun now as it was earlier in their careers. Arthritis, carpal tunnel and injuries compromise the comfort factor in a very big way and, as a result, performance suffers. I've endured a couple of different injuries to the hand and wrist and

I can say with some degree of authority that a light kicking caliber, such as the 9mm, can help you get back on track. Infrequent shooters, as well as individuals who have difficulty in achieving acceptable marksmanship scores on qualification day, will also be well served by the 9mm Parabellum cartridge.

Recent studies by the FBI illustrate that the disparity in terminal performance between the 9mm and larger pistol calibers has narrowed quite a bit. The Bureau now feels that the slight advantage in terminal ballistics is insignificant compared to the average agent's ability to shoot the 9mm to a higher standard.

It is not my intent to enter into that endless debate of 9mm vs. .45 ACP. Improvements in bullet design have blurred the lines between the various calibers and it's a pretty safe bet that today's 9mm loads are head and shoulders above what was available a generation ago. If you find that your .40 S&W or .45 ACP has grown a bit rude, consider a switch to 9mm. In the end, it's all about shot placement.

Easy on the Knees

If a bad back is number one in the law enforcement officer's complaint book, the knees aren't too far behind. A number of my associates have all sorts of knee issues ending in arthroscopic surgery or

knee replacement. Quite simply, we need good wheels to do our job. Since our job includes risky activity, such as running, jumping, climbing, and fighting with bad guys, try to take some precautions to protect your knees. Before engaging in defensive tactics or firearms training, be sure

to stretch out and get loose. Even something as routine as getting down behind a range barricade can play havoc with middle-aged knees.

I, for one, now find kneeling on hard surfaces is downright painful. If I know I'm going to be involved in a lot of



Weapons & Explosives Storage for Police and Special Forces

- Meets U.S. Military specifications
- Forced entry protection
- Ballistics protection
- Portable and customized options available



ArmagCorp.com
877-770-1033




Circle 3127 for More Information



Brilliant Aiming Solutions™

The Trijicon RMR®

Nothing else comes close.

VERSATILE
use with pistol, rifle, carbine & shotgun

7075 FORGED ALUMINUM HOUSING
virtually indestructible

EASY ADJUSTABLE WINDAGE/ELEVATION
no special tools required

CONCAVE SHAPE
directs force of impact away from the lens

SUPERIOR LENS QUALITY
MULTI-COATED LENSES
PROVIDE SUPERIOR CLARITY
& LIGHT TRANSMITTING CAPABILITIES

Find out more at www.trijicon.com

THE SCIENCE of BRILLIANT.™

Circle 3126 for More Information



BLACHAWK!® Advanced Tactical Knee Pads protect from hard knocks in both training and the operational environment.



The 24/7 Big Dot System from XS® Sights is easier for middle-aged eyes to pick up at speed than the popular three dot system. These sights are visible in all light conditions.

kneeling or prone work, I'll strap on a set of knee pads. Depending on what I'm doing, I might even include a set of elbow pads in the mix. This enables me to get low behind cover at game speed without worrying about banging up my knees.

Of late, I've been using Advanced Tactical Knee and Elbow Pads from BLACKHAWK!®. Closed-cell foam padding enveloped in a 600 denier nylon shell provides shock resistance. An injection molded flex cap further protects the knees

from small stones or broken glass and hook and loop elastic straps keep the pads in place. So equipped, I can now get down on the ground at game speed with little risk of getting banged up. They are not just for SWAT!

Concealed Suspenders?

IT'S MAGIC!

NOT REALLY!
It's the **BACK DEFENDER**

No uniform modification required

Patented V-Shaped down members allows you to tuck in your shirt without cutting holes in it.

Officers who wear the Back Defender™ do not suffer from:

- Low back pain
- Hip pain
- Leg numbness/tingling
- Fatigue

Conforms to all uniform codes.

Made in USA

Check out the website:
www.backdefensesystems.com
817-313-9738 817-703-5241

HONOR YOUR FINEST WITH SOLID BRONZE QUALITY...

...MADE IN THE USA

LIBERTY ART WORKS, INC.
ST. LOUIS, MISSOURI

888-411-7744 libertyartworks.com

Circle 3128 for More Information

Circle 3129 for More Information



Trijicon® RMR™ reflex sights can help get you on target.



5.11® Zero-G Plates™ are worn inside the duty belt and shift weight from the back to the hips.

Index on Target

As indicated earlier, I have an issue getting the sights in sharp focus unless I'm wearing corrective lenses. Another way of solving this problem is to use big, bold sights which contrast against most backgrounds.

One of my favorite setups is the 24/7 Big Dot System from XS® Sights. I'll admit to initially being a bit skeptical about

this setup, but, in the end, it all comes down to results – and they deliver. The front sight consists of a large white dot with a tritium insert, while the rear is a shallow V notch with a vertical tritium bar in the middle. In poor light, these sights emit a soft green glow, enabling me to clearly define the sights. Unless you are in an environment totally devoid of light, the oversize white dot front will clearly

stand out against most backgrounds. At distances out to 50 yards, I've been able to make center hits.

I've recently set up my SIG SAUER® P226® with a set of XS 24/7 Sights and have been very pleased with the results. Today, many officers carry pistols with three dot tritium night sights. Unfortunately, that arrangement doesn't work well for me. If you have similar issues, check out the

FIRST

RESPONDER

Your team deserves the best,
don't settle for less.

YOU DESERVE DEBOURGH

CALL NOW & FIND OUT HOW TO UPGRADE

USE CODE: PSN

800.328.8829

sales@DeBourgh.com

www.DeBourgh.com

**NJPA AWARDED
CONTRACT**

:: Customizable :: Lifetime Warranted :: Made in the USA

Circle 3130 for More Information

24/7 Big Dot System from XS Sights.

Another Option

By now, most of us are familiar with the various "dot" sights which have become commonplace on rifles. These optically enhanced sight systems use fiber optics, batteries, tritium, or some combination thereof to provide the user with a sight picture. Simply superimpose the dot over what you want to shoot and press the trigger. Might we enjoy a similar advantage with such a sight on a pistol?

At a recent firearms trainers' event, I took a class on handgun reflex sights which was conducted by Trijicon®. Trijicon has been turning out high quality optical sights for years and I was curious to see what advantage, if any, a reflex sight would offer on a handgun. A variety of GLOCK®, SIG SAUER and Smith & Wesson® M&P® pistols, equipped with Trijicon RMR® (Ruggedized Miniature Reflex) sights, were made available to the participants. Drills included shooting at typical combat distance and nontypical

positions, as well as some long-range work. In the end, I was convinced the hits came a bit easier. Sure, I could make those hits with iron sights, but the Trijicon RMR equipped pistols might very well hold an advantage in poor light or when stress levels have gone through the roof.

The Trijicon RMR sight is crafted from aluminum to MIL-SPEC standards. Several different models are available, including LED, adjustable LED or dual illuminated. Dot size ranges from 1.0 MOA to 13 MOA to suit user needs. One quality I like about the RMR sight is that it is visible in all light conditions.

Twenty years ago, weapon mounted lights for service handguns were pretty much unheard of. Now, they are relatively commonplace. Might pistol reflex sights follow suit?

Give Your Back a Break

It's rare to encounter a senior patrol officer who doesn't at least occasionally experience back discomfort. Over their careers, many officers develop serious



A quick Google search on the Back Defender revealed a great deal of positive feedback from users of this product.



**GOULD
&GOODRICH**

A PASSION FOR PROTECTION



MADE IN U.S.A.

X-CALIBUR™
Simplifying the Duty Holster

- Auto-Locking
- Thumb Indexed
- Light Bearing and Non-Light Bearing Available
- Patented

Model X1000

Model X2000



Dealer Inquiries
Welcome

The X-Calibur works with your body's natural mechanics, incorporating the Science of Human Factors to produce a secure, fast, and intuitive duty holster.

709 E. McNeill St. | Lillington, NC 27546 | Tel: 1.800.277.0732 | Fax: 910.893.4742 | info@GouldUSA.com | www.GouldUSA.com

See us at the Police Security Expo - Booth #1523

Circle 3132 for More Information

back problems. There is no doubt that a contributing factor is that heavy duty belt we strap on every day.

When I first got into this racket, my Sam Browne rig carried my revolver, a pair of dump pouches, a cuff case, and a ring for my baton. Today, a patrol officer's duty belt contains a pistol, spare magazines, an expandable baton, chemical agent, a TASER®, a portable radio, cuffs, and a tactical flashlight. Is it any wonder we collectively suffer with back issues?

For the last couple of weeks, I've been wearing what may be a solution to constant back discomfort caused by a heavy duty belt. Zero-G Plates™ from 5.11® can be best described as a load bearing system which helps distribute the weight of the duty belt across the hips and down to the femur. This little trick does indeed take pressure off the spine and abdominal muscles, leaving you far less fatigued at the end of a long day.

Zero-G Plates are rendered from carbon fiber and are affixed to the duty belt

by a pair of hook and loop straps. Their appearance is very low profile and professional. I've worn the Zero-G Plates with two different duty belts, one harboring a GLOCK 17 and the other a steel frame 1911. Initial feedback is very positive. I was able to detect a difference in weight transfer as soon as I put on the belt with Zero-G Plates with minimal back fatigue, despite putting in some long training days.

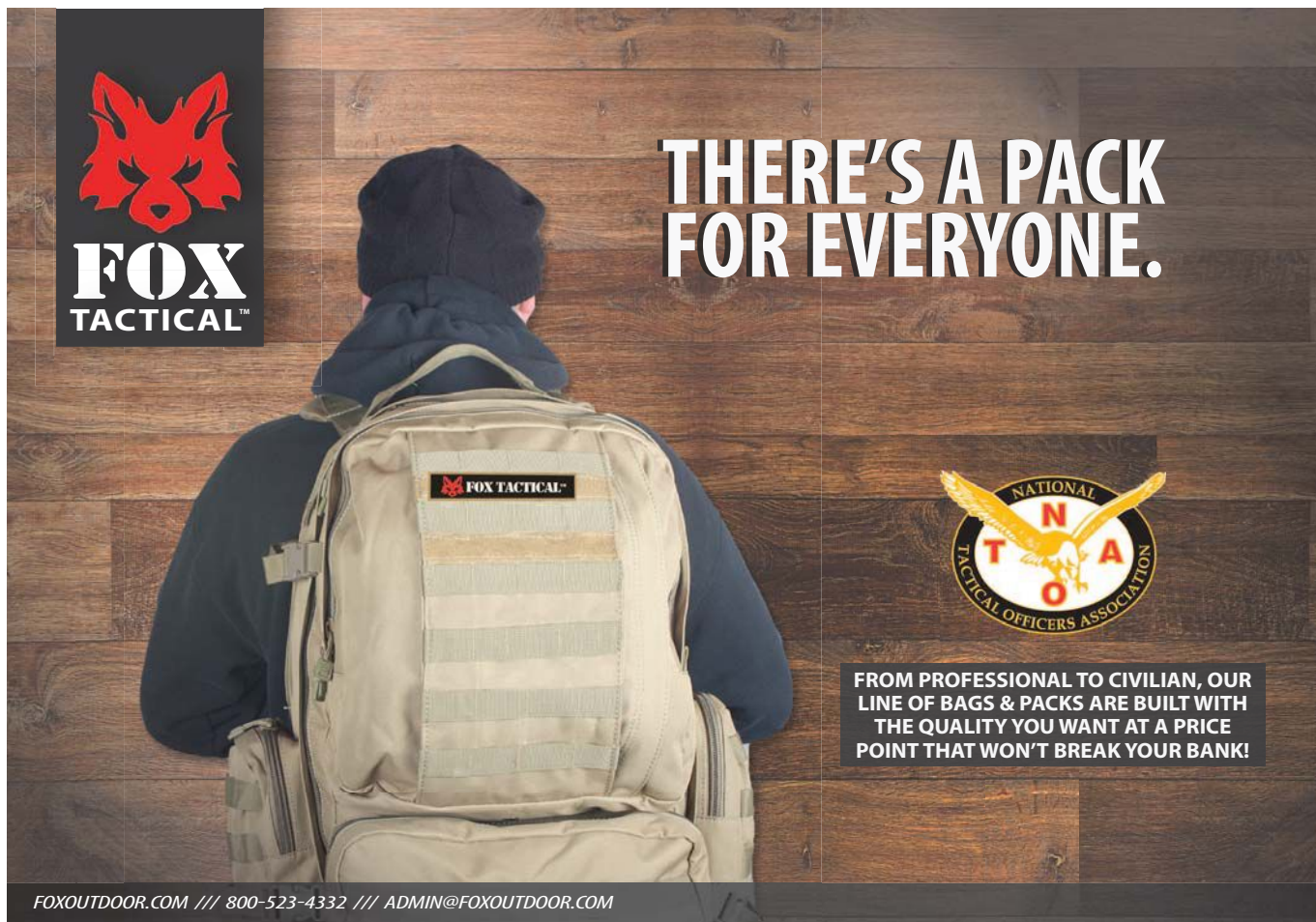
Another worthwhile option is the Back Defender from Back Defense Systems. This system functions like a pair of suspenders; however, the difference is that the Back Defender is designed to be worn under your shirt. This product does take a short while to get used to (referred to as "the learning curve") and it also requires you to loosen your duty belt at least one and a half inches. Also, you must have duty pants with at least one and a half inches of extra room in the waistline. That said, it does take the pressure off of your hips and can definitely help those officers who suffer with lower back pain.

Final Thoughts

Unfortunately, there is no turning back the hands on the clock. However, I have found that the aforementioned products have enabled me to keep pace with some of my younger associates.

Gear is only part of the picture. Try to eat right and engage in some sort of regular exercise. That combination will help you be at your best in training and help keep you safe. **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.



FOX TACTICAL™

THERE'S A PACK FOR EVERYONE.

NATIONAL TACTICAL OFFICERS ASSOCIATION

FROM PROFESSIONAL TO CIVILIAN, OUR LINE OF BAGS & PACKS ARE BUILT WITH THE QUALITY YOU WANT AT A PRICE POINT THAT WON'T BREAK YOUR BANK!

FOXOUTDOOR.COM /// 800-523-4332 /// ADMIN@FOXOUTDOOR.COM

Circle 3133 for More Information

SELF-DRIVING CARS:

Intended and Unintended Consequences for Law Enforcement

Bill Siuru, Ph.D., PE

Virtually, all major automakers are well on their way to developing completely self-driving, or autonomous, vehicles. These vehicles will start appearing in dealer's showrooms starting in the early 2020s. Tesla is already including its Autopilot as standard equipment in its Model S. This new Autopilot technology features cameras, radar, ultrasonic sensors, and other electronics to automatically steer while driving down the highway, to change lanes and to adjust speed in response to traffic. At its destination, Autopilot scans for a parking space and parallel parks itself.

Pros and Cons

Since vehicles are a key part of law enforcement – both in terms of mobility and traffic enforcement – police officers will be directly affected by all of this new technology. Mostly, autonomous driving technology will benefit the

police officer. Imagine no longer having to juggle driving while talking over the radio, using a computer, monitoring a CAD screen, using speed enforcement equipment, operating the lights and siren and so many other tasks, while at the same time watching out for criminal activity.

However, this capability would also be

available to the bad guys. A recent FBI report says it could possibly help lawbreakers make a faster get away and make pursuits more dangerous. Like in a police cruiser, it could allow previously impossible tasks which require the use of either hand or taking one's eyes off the road. This includes better aiming of weapons. Terrorists (or the deranged) could even load a driverless car with explosives and program it to crash into a building.

ons. Terrorists (or the deranged) could even load a driverless car with explosives and program it to crash into a building.

Current Technology

Full automation will come incrementally with higher levels of this technology being available as new models are launched. Cars, SUVs and light trucks with self-driving technology are already on the road. This includes adaptive cruise control which automatically maintains a safe following distance in traffic and parking assistance to automatically maneuver into or out of a parking spot.

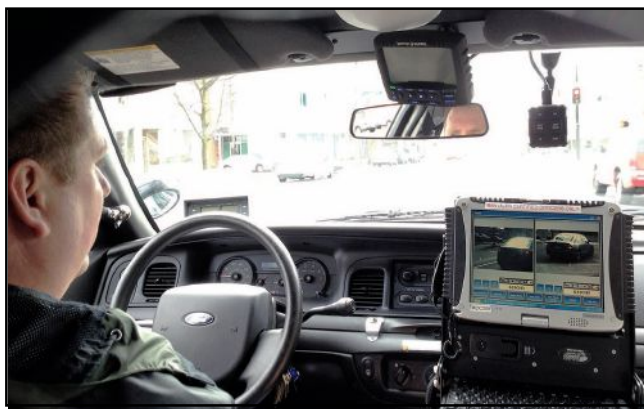


The Tesla Model S is the first to offer "hands-free" driving with its Autopilot, but this is just the tip of the iceberg of what's to come in autonomous driving technology.

Other currently available automated-related technologies include lane departure warning, obstacle warning and blind spot detection.

Since more of this technology will be mandated by the federal government or become standard on more vehicles, expect to see some of it in the vehicles your agency purchases in the near future. Electronic Stability Control (ESC) or Electronic Stability Program (ESP) is already required on all light vehicles, and backup cameras will be required on all new vehicles starting in 2018. Next, the NHTSA (National Highway Traffic Safety Administration) plans to make automatic braking, i.e., braking systems which slow or stop a vehicle without the driver's intervention, mandatory. Even without a mandate, many automakers, including Ford and General Motors, plan to include automatic braking as standard equipment which undoubtedly includes police vehicles.

Can some of this technology affect the operation of a police vehicle (for example,



This officer can talk on the radio, use the computer, monitor a CAD screen, use laser radar, operate the lights and siren, and many other tasks while letting autonomous technology do the driving.

automatic braking, lane control or collision avoidance) in a hot pursuit? Will it eliminate the ability to do a PIT maneuver? So far, most of the autonomous systems allow drivers to override it, but the law enforcement community has to be vigilant to insure that the new technology does not hinder the use of vehicles in police duty. Also, police driving instructors and officers themselves will have to learn to

use the technology to their advantage and not view it as a hindrance.

Automated Communication

Part of this emerging technology is Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communication. V2V technology allows exchanging information like speed and GPS derived locations to identify risks and provide drivers with warnings designed to avoid rear-end, lane change and intersection collisions. The DOT and the NHTSA are also taking steps to require V2V communication technology in future vehicles.

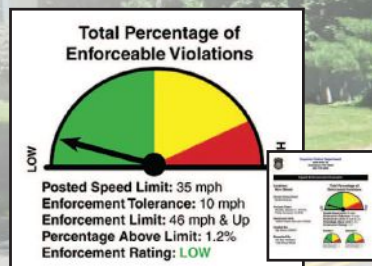
With V2V, officers will no longer have to perform a routine traffic stop to warn a driver about a burned-out taillight which puts the officer at risk on the side of the road. Officers could even issue a citation for a minor violation without a traffic stop. The downside of this is less frequent use of a traffic stop as a means of identifying other criminal activity or offenders on the run.

A good example of current V2I tech-



"I see cars flying past my house every day!"

Sound Familiar? You know what he says, now find out what the evidence says with the **JAMAR Black Cat Radar Recorder.**



- Detects Lane Position of Vehicles
- Detects 2 Lanes in Same Direction
- Modem Option for Remote Access
- Stores Multiple Data Files
- 'Quick Set' Configuration Option
- Built-in Solar Power Connection
- 98% Count Accuracy
- Used Effectively By Police Nationwide

The non-invasive radar sensing method allows you to easily install the Black Cat Radar and begin collecting in just a matter of minutes. Simply mount the Black Cat Radar to any convenient location and aim it toward the road. Not having to go into the road means your personnel will be safer, and not having to buy road tubes means you'll save money on every study.

**Now with
BLUETOOTH
wireless
capability!**



JAMAR
Technologies, Inc.

sales@jamartech.com • www.jamartech.com
1-800-776-0940 • 1-215-361-2244
1500 Industry Road, Suite C
Hatfield, PA, USA 19440

See us at the Police Security Expo - Booth #435

Circle 3134 for More Information



New Speed Enforcement Technology Improves Accuracy and Reduces Court Challenges

INDUSTRY NEWS

There were only two times in history when technology revolutionized speed enforcement. When Teddy Roosevelt was the New York City Police Commissioner, he started the bicycle "Scorcher Squad" to apprehend speeding horse carriages. Next was the widespread adoption of police radar and the introduction of Lidar. According to experts, the industry is on the verge of a third.

The revolution this time is in the form of software. Both Lidar and radar guns are helpful to law enforcement, but police still record the data by hand – the same way they did when those devices were invented. For this reason, All Traffic Solutions and DragonEye Technology developed the TrafficCloud™ Enforcement Suite, combining All Traffic Solution's TrafficCloud Web-Based Management Services with DragonEye's Lidar devices. This partnership makes it easier for departments to improve accuracy, save time and reduce court challenges.

Officers using TrafficCloud enabled Lidar have vehicle speed, distance, direction and the time of each capture recorded instantly to the TrafficCloud. They can also add notes and images to each capture. The system tracks the effectiveness of enforcement efforts with

A DragonEye Lidar, combined with TrafficCloud™ Web-Based Remote Management Service, allows officers to automatically upload data which optimizes the enforcement and data collection process.

Unit 13330	Location: Cort Street Elementary
Date: 3/21/16	Officer: Smith
Speed Limit: 15	Violator Speed: 29
License Plate Number: 25AB Citation Number: C25912	
Notes: Speeding in front of Cort Street Elementary School, Children present	
Images (Double-Click to View)	
<input type="button" value="Print"/>	

data, such as how many captures were taken, the number of citations written and statistics on the enforcement session.

While best in class hardware like Lidar helps improve traffic enforcement, many departments are still looking for complementary software to improve the effectiveness of the officers' time in the field, so they are more efficient when they're back in the office. With the TrafficCloud Enforcement Suite, the captured data is uploaded, confirmed and essentially ready before officers get back to their desks.

Additionally, officers can access the data needed for court with a click of a mouse. No more scrambling for daily test logs. The TrafficCloud gives the officer the ability to log daily accuracy tests and save certification documents. This is vital in supporting the accuracy of the instrument and ensuring that fewer citations will be disputed resulting in quicker citation resolution.

Another benefit to departments is utilizing other TrafficCloud connected equipment, such as speed displays, to collect traffic data at an enforcement site. Having the 85th percentile speed at the enforcement location can be used to confirm that the violator is an outlier and warranted a citation.

Radar and Lidar may still be seen as revolutionary in speed enforcement, but cloud technology enabling the devices is the silver lining.

About All Traffic Solutions

Located in State College, PA, All Traffic Solutions is consistently recognized as a leading innovator in the traffic safety market and is the developer of the TrafficCloud, a Web-based ecosystem for managing traffic safety equipment. By integrating cloud technology into products, All Traffic Solutions allows customers to manage all of their equipment and data remotely through a browser resulting in better traffic safety outcomes. For more information, visit www.AllTrafficSolutions.com.

Circle 3135 for More Information

nology is BMW's Traffic Light Assistant which enables the vehicle to communicate with traffic lights in order to inform the driver of the proper speed needed to match the timing of the traffic lights. The new BMW 760Li can now read speed limit signs. It subsequently sends this information to a BMW server which forwards the updated information to other navigation systems in all Internet capable BMWs, thus allowing for constant updates to changing speed limits, as might be found in new construction zones, for example.

Safety

A major aim of autonomous driving is to reduce accidents. Designers and engi-

neers have been informing us that they can make self-driving cars safer than ones driven by humans. Sensors and computers can already do a better job in monitoring surroundings and can provide faster reaction times than humans. Increased reliability and reduced reaction times mean fewer accidents. Because traffic accidents will be reduced significantly and automated vehicles can be programmed to obey the rules religiously, officers can do criminal work rather than traffic enforcement. Of course, communities will have to replace traffic fines with other sources of revenue.

DUIs and DWIs could also be a thing

of the past – just put the drunk in the car and punch in his (or her) home address in the navigation system. Likewise, they will provide mobility and independence for those who can't drive, including the sight impaired and the elderly.

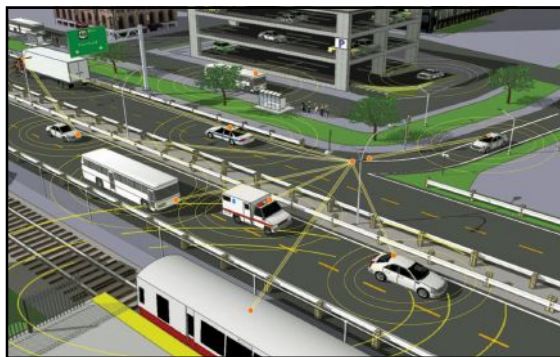
Government regulations limit and, in most cases, now prohibit the use of driverless cars on public roads. This is already changing. Nevada, Florida and California have passed or have proposed legislation addressing self-driving vehicles. Since self-driving vehicles will cross state lines, it is important that regulations are uniform nationwide. For example, California has proposed rules which would bar

autonomous vehicles without human controls and a licensed driver. This would ban driverless vehicles such as the Google car which is designed to navigate safely through city streets. The NHTSA, in writing guidelines for self-driving vehicles, has already said that the artificial intelligence system controlling a Google car could be considered the driver under federal law.

Security

Cybersecurity is also important as vehicles become "connected." Just like computers and smart-phones, "smart" cars can be hacked. Along with V2V and V2I, automakers are beginning to update vehicles and add new capabilities via the Internet. For example, Tesla is using Over The Air (OTA) updating of onboard software including Autopilot. New models have Internet radio and Wi-Fi hot spots. Hackers can possibly modify the vehicle's computer code to set off the air bags, lock the doors so you can't get out, or even take control of the vehicle.

Automakers are taking cybersecurity



Vehicle-to-Vehicle (V2V) communication will allow vehicles to talk to one another, exchanging safety and other information.

seriously and should take advantage of the vast experience in cybersecurity used for years – even decades – by the military, the computer industry, financial institutions, telecommunications companies, etc. A key cybersecurity principle is isolating Internet connected infotainment systems, like navigation systems, Internet radio and Wi-Fi hot spots, as well as other points of access from systems which involve vehicle operation and safety. This

can be difficult, but not impossible, especially with OTA since the software updates are often directed at critical systems.

To combat this threat, systems can be employed which split functions into separate operating systems, isolating them down to the hardware level with nothing shared being utilized. Infotainment supplier, Harman, adds its own layers of security via software to separate their systems from the vehicle's network. Major component supplier, Continental, has teamed up with IBM and Cisco to provide firewalls which limit interaction between devices in a vehicle.

Most everyone agrees that self-driving vehicles represent the future of transportation and some are claiming that these will be a reality much sooner than later. **P&SN**

Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. For the past 46 years, he has been writing about automotive, aviation and technology subjects.



2016 NRA-Hosted Tuition-FREE Law Enforcement Schools

To apply online: <http://le.nra.org/training/tuition-free-schools.aspx>



The National Rifle Association's Law Enforcement Division, in conjunction with many of the leading law enforcement firearms manufacturers and premier industry shooting academies, will host the following complimentary armorer/shooting schools and seminars during the year. All schools will be held at either the NRA Headquarters in Fairfax, VA, or at the Fairfax County Police Department's Firearms Training facility in Chantilly, VA, and are **tuition-free**. There are, obviously, a limited number of seats available, so officers are selected to attend by a **RANDOM DRAWING**. **Registration does not guarantee selection**. To enter, applications will **ONLY** be accepted online through our Web site at <http://le.nra.org/training/tuition-free-schools.aspx>.

Tuition-FREE Armorer/Shooting Schools

June 14-16, 2016	Ruger American Pistol and LCR Armorer
June 21, 2016	Glock Pistol Armorer
June 24, 2016	Seminar on the Law Enforcement Officer Safety Act
July 11, 2016	Springfield Armory XD/XD(M) Armorer
July 12, 2016	Benelli Nova Shotgun Armorer
July 13, 2016	Low Light Laser Instructor
August 8, 2016	"Officer Involved Shooting – An Inside Perspective"
August 18, 2016	Glock Pistol Armorer
September 19, 2016	FBI Law Enforcement Officers Killed and Assaulted – Officer Safety/Street Survival Training
October 12-14, 2016	Tactical First Aid Instructor for LE Officers
October 20, 2016	Glock Pistol Armorer
December 15-16, 2016	SIG SAUER "P" Series Pistol Armorer



Scan this code to get additional information regarding the NRA's Tuition-Free Schools.

NEW TECHNOLOGY

New Thermal Camera from Night Optics



With the Night Optics **Explorer 400** 400 x 300 handheld thermal imaging camera, you can capture images to the 8GB of internal storage and access the images via direct Wifi wireless connection from a computer, tablet, or smart phone or by plugging in with the supplied USB cable. Other features include live object tracking, five polarity options, image brightness control, an LED map light, 2X and 4X digital magnification, eight hour high efficiency with a rechargeable lithium battery, video out and more.

Circle 3140 for More Information

New Handheld Oral Fluid Drug Detector

The new **AquilaScan**, from PAS Systems International, accurately provides qualitative detection of the most common drugs of abuse.



Featuring an ergonomic electronic analyzer with an integrated printer and keyboard, this 3-in-1 device makes drug screening and data management simple and concise. Photographic record of the developed cassette, along with identifying

test data and results, can be stored, printed and downloaded to a PC.

The system's competitive price allows law enforcement agencies to save time and money without sacrificing accuracy. Continued savings can be found in the test cassettes – often, the real expense in drug screening.

The forensic use only device is ideal for use at traffic stops, DWI/DUI checkpoints, 24/7 sobriety programs, as well as probation and workplace testing.

Circle 3141 for More Information

Full Range of Duty Units



Guardian Protective Devices has perfected **Bag-On-Valve (BOV) technology** for the military, corrections and law enforcement communities. **BOV technology** greatly enhances the operator's ability to utilize the product from every angle – even upside down!

Guardian currently produces products in four different sizes, from police duty units (MK-3 and MK-4) to large units for static positions (MK-9 and the large MK-20 "Titan"). These units are already in use throughout the police and corrections market within the United States and the international community.

Circle 3142 for More Information

Active Shooter Response Kit

Point Blank Enterprises is providing first responders with its "Active Shooter Response Kit" which is comprised of a specialized hard armor plate carrier, hard armor plates, and Level IIIA tactical helmets and shields from its PARACLETE brand.



The latest **SOHPC GEN III hard plate carrier** is designed to provide comfort, protection and flexibility. Through the addition of an adjustable cummerbund and optional side plate pouches for hard armor plates, the **SOHPC** is the operator's choice for today's missions.

The **PARACLETE 10260 Hard Armor** is a NIJ 0101.06 Level III standalone plate with a v50 of over 3,130 feet per second. Rounds defeated include 7.62mm x 51mm (M80) and 5.56mm x 45mm (M193). Additionally, a **Tactical Helmet** is available

for stopping NIJ IIIA level threats (including 9mm and 44 mag). The helmet meets U.S. Army Standard for impact protection and weighs only 3.06 lbs. Both the hard armor plates and tactical helmet are complemented by the **Aspis Tactical Shield** which provides officers with Level IIIA+ protection in a lightweight configuration (only 11.15 lbs. with no view port; 14 lbs. without lights and 15.75 lbs. with lights).

Circle 3143 for More Information

P&SN Police and Security News
Serving Law Enforcement & Homeland Security

PUBLISHER: David A. Yaw

ASSOCIATE PUBLISHER: Al Menear

MANAGING EDITOR: James Devery

TECHNOLOGY EDITOR: Bill Siuru

ARTWORK & DESIGN: BCD Company

GENERAL MANAGER: Cindie Bonsall

CIRCULATION MANAGER: Bill Zadlo

ADVERTISING:

Al Menear
Toni Saturno

DAYS Communications, Inc.

1208 Juniper Street

Quakertown, PA 18951-1520

Phone: (215) 538-1240

Fax: (215) 538-1208

E-mail:

info@policeandsecuritynews.com

Police and Security News is published bimonthly by DAYS Communications, Inc. with corporate offices at 1690 Quarry Road, Kulpville, PA 19443 and sales offices at 1208 Juniper Street, Quakertown, PA 18951-1520.

Published photos and written material are the property of DAYS Communications, Inc. and may not be reproduced without permission from the publisher.

Opinions expressed in cartoons and editorial in Police and Security News are those of the author and do not necessarily represent the management or ownership of DAYS Communications, Inc.

Standard Rate Postage Paid at Bellmawr, NJ (permit #1239).

POSTMASTER: Please send form #3579 to DAYS Communications, Inc., P.O. Box 330, Kulpville, PA 19443.

All subscriptions and editorial should be directed to: DAYS Communications, Inc., 1208 Juniper Street, Quakertown, PA 18951-1520.

DAYS Communications, Inc. does not assume, and hereby disavows, any liability to any person for any loss or damage caused by errors or omissions in the information contained herein, regardless of any cause whatsoever.

Police and Security News is edited to provide accurate and reliable information in relation to the subject matter it covers. Police and Security News is distributed with the understanding that its publisher and employees of DAYS Communications, Inc. are not engaged in rendering professional advice in absolute terms. It is strongly recommended that expert assistance be utilized whenever such advice or information is required.



Advertiser Index

Page #	Advertiser	Web Site	Response #	Page #	Advertiser	Web Site	Response #
62	Accu-Shot	accu-shot.com	3115	59	Laser Technology, Inc.	lasertech.com/psne	3109
14	Adorama	adorama.com	3020	72	Liberty Art Works, Inc.	libertyartworks.com	3129
44	Adorama	adorama.com	3057	31	Lind Electronics, Inc.	lindelectronics.com	3048
9	Aerko International	aerko.com	3007	58	Looseleaf Law Publications	looseleaflaw.com	3107
37	All Traffic Solutions	alltrafficsolutions.com	3055	47	Lund Industries, Inc.	lund-industries.com	3080
44	All Traffic Solutions	alltrafficsolutions.com	3058	63	Lund Industries, Inc.	lund-industries.com	3116
44	AmChar Wholesale Inc.	amcharlaw.com	3059	48	MSM Public Safety	msmpublicsafety.com	3082
67	AmChar Wholesale Inc.	amcharlaw.com	3119	67	MSM Public Safety	msmpublicsafety.com	3120
35	American Alum. Access	ezrideronline.com	3053	48	Mack Camera	mackcam.com	3083
44	American Alum. Access	ezrideronline.com	3060	61	MILO Range Training Sys.	milorange.com	3112
68	American Uniform & Supply	amerunif.com	3123	48	Mocean	mocean.net	3084
71	Armag Corp.	armagcorp.com	3127	Cov. 3	Mocean	mocean.net	3146
72	Back Defense Systems	backdefensesystems.com	3128	32	Morrow Brothers Ford, Inc.	morrowbrothersfordinc.com	3050
64	Black Hills Ammunition	black-hills.com	3117	8	NRA Law Enforcement Div.	le.nra.org	3005
44	Block Communications	viitel.com	3061	25	NRA Law Enforcement Div.	le.nra.org	3040
6	California University of PA	calu.edu/go	3003	48	NRA Law Enforcement Div.	le.nra.org	3085
44	COBAN Technologies, Inc.	cobantech.com	3062	79	NRA Law Enforcement Div.	le.nra.org	3136
15	Code 3, Inc.	code3esg.com	3021	53	NRA NPSC 2016	npsc.nra.org	3101
45	Code 3, Inc.	code3esg.com	3063	32	Next Generation Tool Co.	nextgentool.com	3049
23	Condor Outdoor Products	condoroutdoor.com	3038	48	PAS Systems International	pasintl.com	3086
45	Condor Outdoor Products	condoroutdoor.com	3064	62	Pearce Grip, Inc.	pearcegrip.com	3114
73	DeBourgh Mfg. Co., Inc.	debourgh.com	3130	17	Point Blank Enterprises, Inc.	pointblankenterprises.com	3024
22	DeSantis Gunhide	desantisholster.com	3037	48	Point Blank Enterprises, Inc.	pointblankenterprises.com	3087
45	DeSantis Gunhide	desantisholster.com	3065	57	Point Blank Enterprises, Inc.	pointblankenterprises.com	3106
16	Enforsys	enforsys.com	3022	38	Police Security Expo 2016	police-security.com	3056
45	EVIDENT, Inc.	shopevident.com	3066	12	PowerTac Lights, Inc.	powertaclights.com	3018
Cov. 4	FN America, LLC	fnamerica.com	3147	49	Prohands Tactical	prohands.net	3088
3	Fairleigh Dickinson Univ.	fdu.edu/mas	3001	55	Qualification Targets	targets.net	3102
45	Fairleigh Dickinson Univ.	fdu.edu/mas	3067	16	Ring's Manufacturing	blueguns.com	3023
26	Farber Specialty Vehicles	farberspecialty.com	3041	21	Safety Vision, LLC	safetyvision.com	3036
58	Fire Hooks Unlimited, Inc.	firehooksunlimited.net	3108	49	Safety Vision, LLC	safetyvision.com	3089
Cov. 2	Ford Motor Co.	fleet.ford.com	3000	49	Sentinel Camera Systems	sentinelcamerasystems.com	3090
75	Fox Tactical	foxoutdoor.com	3133	27	Setina Mfg. Co., Inc.	setina.com	3042
45	Fred Beans Ford	fredbeans.com	3068	49	Setina Mfg. Co., Inc.	setina.com	3091
5	GLOCK, Inc.	confidence.glock.com/psn	3002	49	Smith & Warren	smithwarren.com	3092
46	Gould & Goodrich	gouldusa.com	3069	19	Sniper Tools Design Co.	snipertools.com	3033
74	Gould & Goodrich	gouldusa.com	3132	60	Southern Police Equipment	southernpoliceequipment.com	3110
60	Guardian Protect. Devices	guardpd.com	3111	30	Steck Manufacturing	steckmfg.com	3047
46	Gun Shop, The	policeammo.com	3070	68	Strong Leather Co.	strongbadgecase.com	3122
69	Gun Shop, The	policeammo.com	3124	20	TacView, Inc.	tacview.com	3035
29	Havis, Inc.	havis.com	3045	49	Tiffin Metal Products	tiffinmetal.com	3093
46	Havis, Inc.	havis.com	3071	30	Tremco Police Products	tremcopoliceproducts.com	3046
36	Humane Restraint Co., Inc.	humanerestraint.com	3054	71	Trijicon, Inc.	trijicon.com	3126
46	Hunter Technologies	huntertech.com	3072	33	Troy Products	troyproducts.com	3051
13	HURST Jaws of Life, Inc.	jawsoflife.com	3019	50	Troy Products	troyproducts.com	3094
46	HURST Jaws of Life, Inc.	jawsoflife.com	3073	28	Tuffy Security Products	tuffyproducts.com/psn	3044
46	JAMAR Technologies, Inc.	jamartech.com	3074	65	Tufloc	tufloc.com	3118
77	JAMAR Technologies, Inc.	jamartech.com	3134	50	Umarex	umarexusa.com	3095
19	Joshua Marcus Group, LLC	marcfromclark.com	3032	55	Umarex	umarexusa.com	3103
47	Kaldor Emergency Lights	kaldoremergency.com	3075	50	V-COMM, LLC	vcomm-eng.com	3096
47	Kascar, LLC	kascar.com	3076	50	Velocity Systems	velsyst.com	3097
47	Kustom Signals, Inc.	kustomsignals.com	3077	34	Westin Public Safety Div.	westinpublicsafety.com	3052
7	L-3 Mobile-Vision, Inc.	mobile-vision.com	3004	50	Westin Public Safety Div.	westinpublicsafety.com	3098
9	L-3 Mobile-Vision, Inc.	mobile-vision.com	3006	50	Yamaha Motor Corp.	yamaha-motor.com	3099
11	L-3 Mobile-Vision, Inc.	mobile-vision.com	3013	51	Yamaha Motor Corp.	yamaha-motor.com	3100
47	L-3 Mobile-Vision, Inc.	mobile-vision.com	3078	56	ZMAX	zmax.com	3105
47	Laser Technology, Inc.	lasertech.com/psne	3079				

BUSTED!

James L. McClinton, Ph.D

Dumb thieves aren't equipped to handle smart phones... Police in Columbus, Ohio, said thieves broke into a Verizon store, but the only items they managed to steal were not going to do them much good. Columbus police said the early morning burglary caused significant damage to the store, but the only items stolen were fake phones installed for display. The culprits used large rocks to break the glass door of the business and they cut the phony cell phones loose from display areas. Investigators said the store's real phones are locked in a vault by employees every night. *(And these guys are probably still driving around Columbus looking for a "hot spot" with five bars.)*

What can Brown do for you today?...

In Akron, Ohio, police had begun searching the home of a 46-year-old suspect (with a warrant in hand) looking for evidence of drug dealing. At that very moment, a UPS driver appeared at the front door to make a routine delivery. The package he delivered consisted of four pounds of marijuana. *(The Denver return address label was probably a dead giveaway.)*

It puts the "smart" in "smartphone"...

Probably one of the dumbest consumer products from 2015 was a gun shaped iPhone® case. The case is so realistic that it became difficult to find one to purchase, even at the online Japan Trend Shop which previously offered models from \$5 to \$49. When asked about this product, one police officer said, "Why would you want to make yourself look like a threat [to cops]?" *(It's a great gift for that "friend" you don't really like.)*

Maybe they're shooting a new "Police Academy" movie in Winnipeg?... Police in the Canadian city of Winnipeg apologized after a lewd conversation about sex was broadcast from the loudspeakers of a police helicopter to a neighborhood below. Officers on a routine helicopter patrol inadvertently activated the aircraft's public address system while they were having a private conversation, the Winnipeg Police Service said. "Some content of the conversation was inappropriate. The involved members were not able to hear the public address system from within the aircraft. They became aware their conversation had been broadcast and immediately turned the system off," the police said. Residents who

REAL STORIES OF GENUINE ABSURDITY



And, as a follow-up assignment, students had to write a paper on how to post bond...

A Texas school district is reviewing a sixth grade assignment which had students make a step-by-step plan showing how cocaine gets from a drug cartel to a street dealer. A teacher in Keller (northeast of Fort Worth) gave out a science class assignment called, "The Cocaine Trade: From Field to Street." One parent says he contacted administrators after his 11-year-old son brought home the study sheet for an assignment on "Following a Sequence." He says he felt it was "a diagram of how to become a drug dealer." Administrators issued a statement saying the assignment "will be reviewed before being considered for future use," adding that the district will continue efforts to regularly "review, remind and revise drug educational material." *(On the bright side, at least they are likely to get some exposure to the metric system.)*

could hear the conversation took to social media to urge the police to turn off their loudspeaker. The police department said the incident was under review. *(Time to install a huge "ON AIR" lamp in the cockpit!)*

The officers should have expressed their gratitude by sending him a case of mixed nuts... A California man sent 20 dozen coconut doughnuts to police officers at the University of Wisconsin-Madison as payback for getting kicked out of a Badger football game. The man traveled from Los Angeles to see the Badgers play Northwestern at Camp Randall Stadium and was assigned a seat in the student section away from his friends. But, when he tried to join his friends, officers threw him out. On Monday, 240 coconut doughnuts mysteriously appeared at police headquarters. The delivery driver gave the officers the man's name. A university rep tracked down an E-mail address and began corresponding with him. "This was meant as

a harmless way to both show general gratitude for the job you do (which is awesome), but slight disdain for my treatment Saturday (which was not so awesome)," the man wrote. Police donated the doughnuts to the Salvation Army. *(Sadly, only six were left for the shelter.)*

You want proof...you want proof? You can't handle the proof!... A pedestrian crossing in Cambridge, Massachusetts, may have the most confusing traffic light in the world. If the three clusters of three lights each are dark, drivers proceed. If a pedestrian comes along, one light will blink yellow, then solid yellow, then two solid yellows, then two reds, until two flashing red lights appear in each cluster. In Cambridge (but only in Cambridge!), flashing red lights mean...go (unless pedestrians are actually present). The city has prepared a 12 diagram pamphlet to explain the whole thing and officials say they have statistical proof from tests that the system enhances safety. *(Statistics mean never having to say you're certain!)* **P&SN**

PERFORMANCE APPAREL



FUNCTION DICTATES FORM



See us at the Police Security Expo - Booth #1526

Circle 3146 for More Information

MOCEAN

877-662-3680

WWW.MOCEAN.NET



GUARDIAN.



Since 1897, FN firearms have borne the DNA of legends, from John Browning to the brave soldiers who defend our freedom. Today, the same heart, soul, and genius go into our FNS-9, a polymer-framed, striker-fired 9mm featuring ambidextrous controls and a grip angle providing unmatched natural point of aim. Includes three 17-round magazines. See the full line of FNS handguns at FNAMERICA.COM.



THE WORLD'S MOST BATTLE-PROVEN FIREARMS.™

Circle 3147 for More Information