### Police **NOVEMBER/DECEMBER 2017** Security ews

**Serving Law Enforcement & Homeland Security** 



**VOLUME 33 ISSUE 6** 









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# Police and Security News

#### **Serving Law Enforcement & Homeland Security**



#### LAW ENFORCEMENT TRAINING

#### 

"There's more to shooting than shooting" is how I often make the point that there's much more to armed self-defense for cops – both on- and off-duty – than knowing how to shoot.

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**Todd Fletcher** 

It's time to go to the range.

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Even when sexting is between two consenting persons, it can violate criminal statues and/or employer policy.



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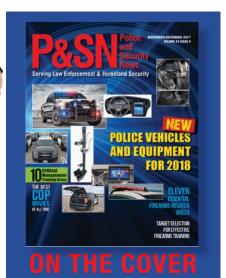
The results may be surprising to some.

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Find all of the newest information covering police vehicles and aftermarket equipment for the coming year in this annually featured report.



| SKU                    | PL76513          | PL76501          | PL76503          | PL76507          | PL76509          |
|------------------------|------------------|------------------|------------------|------------------|------------------|
| Model                  | XQ30             | XQ38             | XQ50             | XP38             | XP50             |
| Objective lens         | F30 / 1.6        | F38 / 1.2        | F50 / 1.2        | F38 / 1.2        | F30 / 1.2        |
| Sensor, resolution     | 384 x 288        | 384 x 288        | 384 x 288        | 640 x 480        | 640 x 480        |
| Pixel pitch, µm        | 17               | 17               | 17               | 17               | 17               |
| Frame rate, Hz         | 50               | 50               | 50               | 50               | 50               |
| Magnification          | 1.6 6.4          | 2.1 8.4          | 2.7 10.8         | 1.2 9.6          | 1.6 12.8         |
| Field of view, deg     | 12.4             | 9.8              | 2.7              | 16.3             | 12.4             |
| Range of detection, yd | 985              | 1475             | 2000             | 1475             | 2000             |
| Dimensions, in         | 11.3 x 2.8 x 2.6 | 11.2 x 2.8 x 2.6 | 11.5 x 2.8 x 2.6 | 11.2 x 2.8 x 2.6 | 11.5 x 2.8 x 2.6 |
| Weight, oz             | 16.9             | 18.3             | 19.7             | 21.1             | 21.8             |

### ...AND NOTHING BUT THE TRUTH

# THE TRUTH STERS AMONG Ramesh Nyberg

Steve Martin's character

yells to his boss in the

1979 comedy classic, *The Jerk*. "These oil cans are defective!" And, he chuckles as he watches them, one by one, spring leaks. His boss spots the bumbling, rifle-toting assassin across the street on the hill and yells back, "We don't have defective cans; we have a defective *person* over there!"

We are in the "defective people" business. Whether the people we deal with are permanently defective or just temporarily defective, it is we, the police, who ultimately have to ascend the hotel, floor by floor, or scour the woods, or go to whatever lengths we have to go to find - and neutralize the defective person and end the havoc they are wreaking. We have learned after two centuries of American policing that defective people will always be around. We know, too, that it doesn't matter whether that person gets his hands on one gun, 27 guns, or even a dull machete, there's a defective person out there and there's little anyone can do about it if they want to "snap."

In my 22 years of investigating homicides, I saw people murder other people with anything and everything they could get their hands on, or just their bare hands. I had a case in which the weapon was a pair of Channellock® pliers. (One lucky strike to the head is all it took.)

Being defective, as we all know from our police experience, has nothing to do with believing in any kind of political party or being a gun nut. It doesn't even have to do with "hate." It has to do with being *human*. We can be amazingly creative, brilliant and caring. And, we can be monumentally stupid, destructive and...defective.

In spite of this, there are many people who believe that we can really fix this. They believe that there are laws you can pass or studies you can conduct which will solve the problem of defective people. But, if such a thing were true, it would've

happened already, don't you think? We've studied monsters from Jack the Ripper to Hitler to Ted Bundy to Kim Jong-un and back again, and we still haven't figured it out. We've built machines which have gone as far as Saturn and Pluto and sent back photos of our little planet as a tiny blip of light in the distance. We're starting to figure out mysteries of the universe. But, we can't get our heads around, well, our heads. One can even make the argument that being human has become more — not less — of a puzzle.

After all the various breakthroughs in technology, there doesn't seem to be a magic potion or genetic tweak we can perform on people at birth which would prevent some of these folks from going berserk. Until that breakthrough arrives (if it ever does), we are relegated to the helpless fact that defective people move about us, every day and everywhere. Most of them don't harm anyone, but, every so often, one has a collision course with fate, and then - wham - what happens in Vegas not only doesn't stay in Vegas, it becomes the shots heard 'round the world. We are no better at identifying these people today than we were 100 years ago. when psychologists were coming up with all kinds of theories about our mothers and coming up with fancy names like schizophrenia. The next lone wolf could be next door to you or at the stoplight or in line at the grocery store. We're not even close to getting a read on who it might be. We've even learned that defective people can end up working with us with a badge on their chest. I knew a guy on our department who was outgoing, laughing and pretty smart. He ended up being a serial killer and he's now sitting in a prison out West.

If we can't identify the next Sandy Hook, Las Vegas or Pulse nightclub shooter, then how can we *protect* against him? No one has that answer, either. You can't stop having hotels, nightclubs and elementary schools. The only thing you can do is become North Korea and have a society where citizens have nothing and every movement is watched. No one wants that, but no one has been able to design a system of social control where we can be happy. We don't even like the sound of phrases like "social control." Other countries don't have the answer, either. Far-left socialist countries like Sweden are having bombings and stabbings all over the place now.

I think most of us are surrounded by decent people most of the time, so we still want to believe in the inherent goodness of mankind and we still can't fully accept that someone we've never met, who knows nothing about us, would so easily start firing rounds out of a hotel window to kill us.

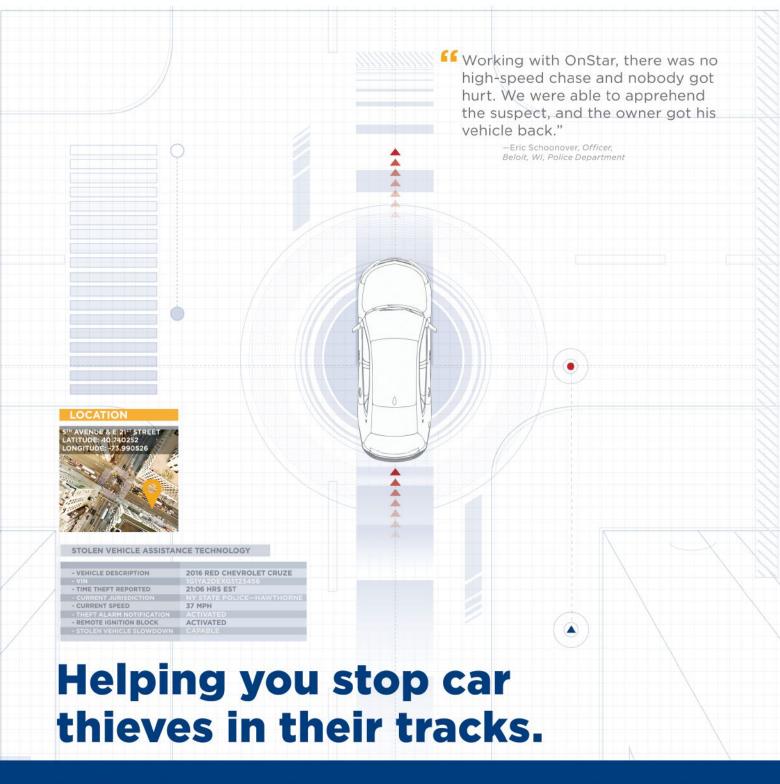
Steve Martin's simpleton character in *The Jerk* couldn't fathom it, even after he realized it was a guy with a rifle putting holes in the oil cans. He couldn't accept that the guy was trying to kill *him*.

"He hates the cans!" he yells in a ridiculous panic. "Stay away from the cans!"

Are you ready for me to get all touchy-feely? Because I really think that the only answer is what Mother Teresa said, "If you want world peace, go home and love your children." It's immense in its simplicity, right? So much so that it is probably unattainable, but it's the only formula which has ever made any sense. If *everyone* on the planet really did just love and bring up their children with decency, maybe, just maybe, we could wipe out defectiveness.

I know, I know...wake up, Nyberg, you're dreaming again. 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. Ramesh would like you to visit and read his blog at www.nybergpi.com/blog.html and sign up for his free newsletter. He enjoys getting feedback from readers.



Normally, car thieves start a step ahead — but not if their getaway car has OnStar.® Our Stolen Vehicle Assistance¹ Advisors can provide you with the vehicle's coordinates and help prevent a dangerous car chase with Stolen Vehicle Slowdown®¹ — a signal that slows the vehicle once you have a visual. Plus, with Remote Ignition Block,™¹ we can keep the engine from restarting once it's turned off. So the next time you're tracking down a stolen vehicle, know that OnStar is here to lend a hand. We're proud to help serve those who protect and serve.

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### FOCUS ON TECHNOLOGY



#### **New Tactical Carrier**

GH Armor has debuted the Velocity Front Opening (VFO) tactical carrier, a true front opening tactical carrier with a secure dual closure system which pairs a heavy-duty VELCRO® brand hook and loop which alleviates the risk of misalignment or incorrect attachment. It is a jacket-style design which can be zippered on or off. It is equipped with a MOLLE attachment system; an enhanced rear drag strap; and side-loading front plate pockets and top-loading rear plate pockets to secure your choice of 8x10 or 10 x12 hard armor rifle plates. The VFO is available with Level IIIA NIJ .06 soft armor ballistics.

**Circle 6004 for More Information** 



#### **New Ballistic Helmet**

The new Team Wendy® EXFIL® Ballistic SL provides over a 17% reduction in weight while maintaining the same fragmentation and NIJ IIIA performance ratings as the EXFIL Ballistic. The new SL rails and shroud maintain compatibility with all helmet mounted accessories while also facilitating the addition of a new ballistic visor. The finished helmet system comes in at a mere 2.22 pounds (Size 1) to 2.31 pounds (Size 2).

Circle 6005 for More Information

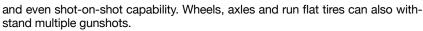
#### **Body Armor and Ballistic Protection Equipment**

#### **Special Ops Bunker**

Point Blank's **Special Ops Bunker (SOB+)** offers an ideal mix of ballistic protection and mobility, and is designed for easy transport and quick deployment. Unlike hand-carry shields, the **SOB+** offers full-body coverage against extreme ballistic threats. It is freestanding, allowing the operator to maintain use of both hands when necessary.

Its unique patented design allows the **SOB+** to collapse into a single compact unit small enough to fit in the trunk of a patrol car for transport or storage. When its services are needed, it can be fully deployed in less than 20 seconds.

The **SOB+** comes standard with SOB ARMOR™ which offers ballistic protection up to, and beyond, NIJ Level IV. SOB ARMOR is certified for multihit









The **LIGHTHAWK™** R1, from Armor Express, is the new standard in lightweight, rifle rated Level III ballistic shields. It utilizes hybrid ballistic technology to decrease weight while increasing protection. With a black textured nylon face and a VELCRO® loop body, the **LHR1** comes in two sizes (18x24 or 20x30) and its shape offers an ambidextrous covered platform for use with either a handgun or long gun.

**Circle 6007 for More Information** 



#### **New Impact Training Helmet**

From Armor Express comes the ANH-2 Bump/Impact Training Helmet. Constructed of fiber reinforced composite, it features an advanced padding system with a wheel dial for a secure and snug fit; and side rails with speed-system connection points. The shell is certified to EN 397 for impact attenuation and, combined with their Comfort Protection Pad suspension system, the ANH-2 offers multi-impact and shock protection capability. It weighs only 1.47 pounds.

Circle 6008 for More Information



#### **New Optional Ballistic Accessory**

A new optional (Level IIIA) armored shield cover, the **Ballistic ROC** (Rough Operations Cover), from Baker Ballistics, has recently increased the capability of the MRAPS® Series NIJ Level IV ballistic shield. The new ten pound **Ballistic ROC** offers a number of advantages – this armor panel can be quickly lowered to provide additional Level IIIA cover beneath the shield, dropping down to protect the operator's legs, including the knees.

The **B-ROC** can also quickly detach from the primary rifle protective shield, providing an additional large-sized ballistic shield for use by a second officer. Both the MRAPS-IV-XL and **Ballistic ROC** shields allow ambidextrous use of handguns or long guns to allow accurate return fire.

**Circle 6009 for More Information** 



#### **Truth Snap Magnetic Plate System**

The enhanced Truth SNAP™ Magnetic Plate System, from Angel Armor, consists of modular trauma plates which deliver concealable rifle threat protection for extended all-day use. The Truth SNAP System provides tiered threat protection, allowing users to armor up or down as the mission requires. The two-piece design offers tiered protection from NIJ Level IIIA to NIJ Level III threats.

**Circle 6010 for More Information** 



#### **Lightweight Armor Plates**

Designed from armor technology developed for the Department of Defense and with input from law enforcement professionals, the new ULBP lightweight armor plates, from Hardwire, LLC, are certified to NIJ standards. The ultralightweight armor is also neutrally buoyant (it floats!). All plates are made in the U.S.A. using 100% Dyneema® materials and are backed by a ten year limited manufacturer's warranty. The new plates are available in back or front (shooter's) cut and come in a variety of configurations.

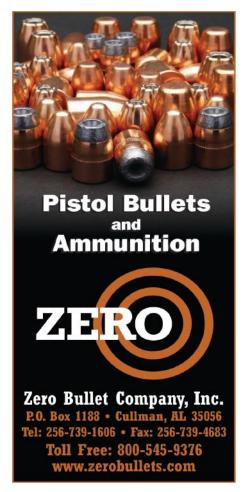
Circle 6011 for More Information



#### **New Matrix™ Family of Armor Solutions**

Safariland® Armor's Matrix family of ballistic packages is engineered with a new proprietary hybrid design through a partnership with Teijin and Honeywell®. By combining woven material with Honeywell Spectra® and other nonwoven material, this lightweight panel provides a balance between blunt trauma reduction and ballistic resistance. It's available in Level II and Level IIIA threat protection for both males and females.

Circle 6012 for More Information





**Circle 6013 for More Information** 

### **ENFORCEMENT** .EADERSHIP

#### **Ten Critical Management Training Areas to Review** Michael Carpenter

In-service training for personnel varies widely among departments. Unfortunately, there are too many states which mandate no in-service training each year for police officers – of any rank!

any departments do offer in-service training, but it's sporadic, often reactive to a situation that occurred which might have been avoided if an officer had been better trained, or the result of a multimillion dollar lawsuit against an agency.

Are you just hoping that an incident involving the injury or death of a citizen or a multimillion dollar lawsuit against your agency doesn't happen? Wouldn't it make more sense to take proactive and coordinated steps to train your officers of all ranks - to better prepare them for the challenges of protecting and serving?

Unfortunately, some departments don't provide training for anyone above the rank of patrol officer. However, more progressive departments provide a comprehensive management development program for everyone from the sergeant to the chief.

To help you evaluate the management training program in your department, ten of the most common problem areas are discussed in this column. If any of these problems exist within your department, it may be

time for you to take corrective action.

#### 1. Failure to **Train New** Supervisors

To the best of my knowledge, only eight states in the country require mandatory training for newly promoted first-line supervisors. The first step up the promotional ladder is critical for the long-term success of that new sergeant and the agency. If a sergeant



isn't trained on how to be a sergeant, how can he (or she) effectively do his (or her) job? There is too much risk, liability and public scrutiny for a new sergeant to learn "as they go" or through "trial and error." Agencies which follow this belief should expect a lot of errors and then hope there are no fiascoes.

> 2. Failure to Train Supervisors (or Managers) Before **Their Assignment**

Even when a department requires supervisory (or management) training, the requirement is usually phrased, "Must attend training within one year of promotion." Almost invariably, the phrase is translated, "Must attend training within one year after promotion."

Therefore, newly promoted sergeants are sometimes thrust into their new positions prior to any formal training. They are expected to perform their duties properly, although

they aren't properly trained in how to perform them.

If they are lucky, they get by without making a critical error. If they aren't so lucky, they can ruin their career and personal reputation and create many unnecessary problems for administrators, the agency and the community.

Properly training new sergeants before they are placed in charge results in better sergeants who have a minimum of personnel problems, union problems and operational problems.

#### 3. Failure to Evaluate Training Needs

It may sound like a dumb question, but "What do your police department supervisors (or managers) specifically need to know to adequately perform their duties?"

> Although a police supervisor's duties may appear to be similar from department to department, this isn't always the case. Each

agency is different and each officer is different. Therefore, it is critical to conduct some form of "needs assessment" specifically for your department and for each supervisor/ manager.

A formal "needs assessment" conducted by an independent consultant is ideal. However, if your department doesn't have the resources to conduct such a detailed study, there are still some steps you can take to identify your supervisory training needs. Some of these include surveys of current supervisors, a detailed examination of job descriptions, conferring with other departments, and the use of consultants for guidance. This could result in supervisors being trained specifically on what they, or the agency, needs and not having them sit through training which is not relevant.

#### 4. Failure to Provide Specialized Training

"A sergeant is a sergeant is a sergeant." No, not all police department su-

pervisors are created equal. Each one brings unique skills, talents and experiences to his (or her) new position. Conversely, these unique skills, talents and experiences (or lack of) may also result in knowledge and experience gaps.

A while ago, I visited an old friend of mine who I worked with when I was on the job. He is still on the job as a sergeant in the agency where I used to work. As we talked about "the old days" in the patrol room of his department, I saw a diagram drawn on a whiteboard of a house, vehicles, etc. I knew what it represented, but I asked him, "What's that?" "Oh, we had a raid last night on a meth lab. Great time. They were cooking the stuff as we hit the place." I found out that he was the supervisor in charge of that operation and I asked him what sort of specialized training he received to plan a high-risk, multiagency, drug raid which involved hazardous materials. He looked at me like I had two heads! "What the heck are you talking about? It's a drug raid - we do them all of the time!" He didn't grasp all of

the problems which might have occurred if things went wrong and someone got hurt, or killed, or if an officer was exposed to toxins.

This problem is not limited to larger departments.

#### 5. Failure to Develop **Subordinates**

When it is decided that an officer of any rank will probably be promoted to a higher rank, the police department's administration should begin an informal training process before the actual promotion. For example, before the formal promotion, that officer should be gradually introduced to the tasks and responsibilities of his new position to help better prepare him for the new assignment. It can be as simple as having that officer job shadow the person currently in charge of that position (or, better yet, in a larger agency, have the officer job shadow several people to get a different perspective of his future job). I have seen some agencies design



#### LAW ENFORCEMENT LEADERSHIP

Continued from page 11

this "before getting promoted" training as a formal part of a comprehensive training plan. Regardless of how it is done, it should be part of the training process in your department.

#### 6. Failure to Provide Field Training for Managers

Perhaps the best training an individual receives is practical hands-on training from an experienced manager. Yet, field training programs seldom exist beyond the recruit training level. A newly promoted person at every rank should have the opportunity to learn the practical side of their new position from a seasoned veteran before being thrust into a command position.

Of course, who is assigned as the field training sergeant (or higher rank) for the newly promoted officer is equally as important as the field training officer who is assigned to the newly hired patrol officer. Remember: "Garbage in – garbage out" (poor quality input will always produce poor quality output). If the new sergeant is shown how to cut corners, get around policies and

is shown poor leadership skills by the field training sergeant, then you shouldn't be surprised when the newly promoted sergeant does those same things.

#### 7. Failure to Provide In-service Training

Many departments, even if they provide basic training for their managers, fail to provide any form of in-service training. Some states require a certain amount of annual in-service training for every police officer, but I am not aware of any state which mandates specific supervisory/management in-service training.

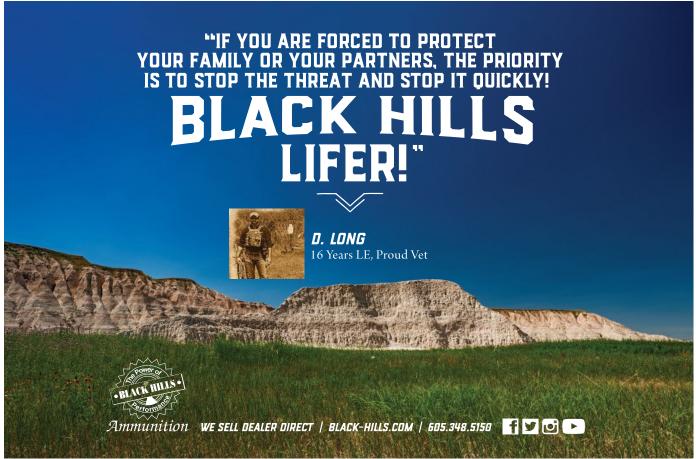
Too often, the only time such training occurs is when the chief or sheriff wants to tell everybody something and calls all the supervisors into the office at the same time. That's not good enough. It would be foolish for a department to provide some basic training for a police officer and then never provide them with any additional training. We all know that laws, policies,

procedures, and technology are continually changing and that officers must be kept current with these changes. A sound and regularly scheduled supervisory/management in-service program which presents information to update and upgrade managers' skills – from the sergeant to the chief – should be a part of every department's management training program.

### 8. Failure to Train Managers in What Subordinates Are Learning

Managers cannot know the full capabilities of their staff unless they know the subjects in which their staff is trained; the procedures they are trained to follow; and the full extent of their subordinates' training.

Imagine a supervisor arriving at the scene of a high-risk felony stop conducted by patrol officers with no knowledge of the procedures taught in the officers' "Street Survival" course which the officers attended the previous week. That could turn into a confusing and dangerous situation.



**Circle 6016 for More Information** 

Although most situations are less dramatic, the need to make supervisors and managers aware of their subordinates' training programs is important, but often overlooked by those designing the training programs.

#### 9. Failure to Require Attendance at Training Programs

It boils down to priorities. A lieutenant is finally scheduled for in-service training, but, while in route to the academy, he is notified of a hostage situation in his sector. He immediately goes to the scene and takes charge of the situation for several hours. Or, an officer is driving to a training class held in a neighboring agency and, along the way, he stops to assist another agency at the scene of a bad accident. These situations can't be planned and, of course, they can't be ignored, but agencies must make it clear to all personnel that training is as important as any other

activity and they should demand that their managers attend. If an emergency takes them away, they should be required to attend at a later date.

#### 10. Failure to Use Adequate/ **Certified Instructors**

Qualified supervisory/management instructors can be hard to find. Locating instructors who have the education, training and experience in the police management field can be difficult, particularly when needed to train command level officers.

However, it is absolutely necessary for agencies to expend the time, effort and money to seek out the best possible instructors. Not only is the credibility of the instruction at stake, but the future well-being of your department and your officers may lie in the proper training of your management team.

Departments should not underestimate the long-term value of providing a comprehensive and continuing management development program for their managers. The proper training of managers is critical to building and maintaining a strong and professional police department. P&SN

Note: Police Management Services, LLC is pleased to announce to the readers of P&SN that it is offering a new online supervisory training program. This online training is the equivalent of a four day training program at an academy. Please check their Web page at http://policemanagement.com/expert.html. For more information, you can reach them by E-mail

at MCarpenter@policemanagement.com or by phone at (518)761-9708. Also, see their ad in this edition of P&SN.



Circle 6017 for More Information



### PRODUCT HIGHLIGHT

#### **DESANTIS GUNHIDE®**



The new Apache® Ankle Rig holster has a wide, elasticized leg band which largely eliminates the unwanted rocking motion commonly associated with ankle holsters. It is constructed with elastic and has a sheepskin lining with a snap thumb break. An optional #C14 calf strap is also available.

#### **Circle 6019 for More Information**



DeSantis Gunhide has introduced a new holster fit for the GLOCK® 43, the DS Paddle™ Holster which is light, incredibly durable and is custom molded to pair perfectly with your firearm. The secret to the DS Paddle's success is KYDEX®, a technologically advanced thermoplastic which is feather light, yet incredibly strong. Because KYDEX can be molded with pinpoint precision, there is minimal friction when drawing your gun. A unique dual tension device keeps your gun planted in the holster for realistic everyday carry. Customization is possible for both forward and rearward cant.

#### Circle 6020 for More Information

#### **Holsters: On and Off Duty**



#### **ALIEN GEAR HOLSTERS**

The **ShapeShift Modular Holster System** uses an innovative design which lets the user change holster configurations at will. The base of the system is two molded half-shells which can either be used together for a durable OWB holster or one of the half-shells can be attached to a backing platform of the wearer's choice. Inside the waistband, appendix carry and multiple outside the waistband configurations can all be assembled from **ShapeShift** parts, so it gives the user a lot of choices for carry.

#### **Circle 6021 for More Information**



#### NATE SQUARED TACTICAL®

N8<sup>2</sup> Tactical provides **positive retention IWB options** for on or off duty carry. Complete isolation from the handgun provides extreme comfort when you're working in a plainclothes operation. The strong polycarbonate gives you positive retention and the draw stroke is smooth with just a slight twist toward your body. This innovative design gives you the confidence to engage a subject and trust that your weapon is secure, and is available in a single or dual clip design.

**Circle 6022 for More Information** 



The ALS®/SLS Mid-Ride, Level III Retention™ Duty Holster (6360RDS) is specifically designed for firearms with red dot sights mounted to them. This holster with Automatic Locking System (ALS) builds on the foundation of the Self Locking System (SLS). It locks the weapon in all directions upon holstering; it's operable with the thumb; and the weapon can be drawn straight out of the holster with no twisting required.

**Circle 6023 for More Information** 



#### **SAFARILAND®**

The Model 7371 7TS Holster combines the security of ALS® with the speed and simplicity of an open top design. ALS secures the weapon automatically as it is holstered, yet still allows a fast, natural draw with the swipe of the thumb release. Built from durable, weather- and temperature-resistant SafariSeven™ nonmarking nylon blend, the 7371 will not scratch or mar the finish of the firearm. The 7371 comes with the 571BL Paddle and its small footprint is specifically designed for subcompact firearms.

**Circle 6024 for More Information** 

### TECHNOLOGY HE PAST



Photo: Scientific American

### SPOTLIGHT FF TRAFFIC COPS

#### They Light Up the Place and Make Them Visible to Drivers

In 1921, under the supervision of the city police department, an experiment was conducted utilizing a system of spotlights to illuminate the positions of traffic policemen after dark. A large light was erected by the Metropolitan Company at Fifth and Buttonwood Streets in Philadelphia, Pennsylvania. The demonstration was witnessed by officials of the police department, including Police Chief (Harry) Stroble, and other management personnel. All were of the opinion that it was a success and that the number of lights should be increased. The call to action first came when drivers started to complain to Chief Stroble that they were unable to see the traffic policemen after dark. To remedy the situation, policemen were instructed to stand directly under the arc lights where the light throws its rays. Chief Stroble studied the situation and, in conjunction with the city electrician, they decided to try out the spotlight plan which was used in other cities. The spotlight at Fifth and Buttonwood was attached to a pole and showed the position of the policeman quite plainly. P&SN





P&SN presents its 20th annual report on the latest technical advances in police vehicles, components and aftermarket equipment.

elcome to our annual transportation issue where we cover all that's new for the coming year – vehicles, emergency lighting and other accessories, plus all the results from the Michigan State Police (MSP) annual emergency vehicle tests. So, grab a cup of java, sit back and enjoy. Oh, yeah, don't forget something to write with so you can prepare your 2018 wish list.



A total of 13 vehicles were tested at this year's Michigan State Police evaluations.

#### MSP 2018 MODEL YEAR TEST RESULTS

We'll start with the results from this year's MSP tests covering acceleration, top speeds and braking of vehicles and motorcycles. The tests were conducted at the FCA Chelsea Proving Grounds in Chelsea, Michigan.

#### **LE Vehicles Tested**

A total of 13 vehicles were provided by the manufacturers for evaluation, eight sedans, four SUVs and one pickup truck. To create a level playing field, all vehicles tested are presented "slick top," sans lightbars and spotlights.

There were three Dodge Charger Pursuits – a 3.6L V-6 RWD and two 5.7L V-8 HEMI®s, one RWD and one AWD. Ford presented five sedans, three of which were Police Interceptor®s – a 3.5L V-6 in FWD, a 3.7L V-6 in AWD and a 3.5L EcoBoost® in AWD. Additionally, MSP tested a Special



Two different HEMI®s tied for the fastest speed at 150 mph.

Service (nonpursuit) Sedan with a 2.0L in FWD and the new Police Responder™ Hybrid Sedan you've been hearing about. Of the four SUVs tested, two were Chevrolet Tahoes with the 5.3L V-8s, a RWD and a 4WD. Ford brought two Police Interceptor Utilities (both in AWD), one powered by the 3.7L V-6 and the second with a 3.5L EcoBoost engine. To complete the lineup, Ford also presented their new F-150 Police Responder pickup truck powered by the 3.5L V-6.



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Continued from page 16

#### What'll She Do?

The speed tests are recorded in ten mile increments in seconds, from 0-20 mph to 0-100 mph, and then all-out, pedal to the metal for the top speed possible.

We'll get right to the top speed results as that's what always generates the most interest – both to readers and the spectators – at the tests. Despite that the vast majority of police cars sold each year end up patrolling city streets, we all have the "need for speed." The "Top Gun" this year was again the HEMI Charger; actually, the two HEMIs tied for the fastest speed recorded at 150 mph each. Second place went to the EcoBoost Interceptor Sedan at 149 mph, with third going to the V-6 Charger at 141 mph. The slowest of the pursuit-rated vehicles (at 121 mph) was the 4WD Tahoe.

SP/HP troopers are usually most interested in the 0-60 mph results as they represent accelerating up a freeway entry ramp. The fastest 0-60 mph was recorded by the EcoBoost PI Sedan at 5.68 seconds, with the next fastest being the AWD Charger HEMI at 5.86 seconds. Third place went to...hold on...the F-150 Responder truck at 6.29 seconds! That's faster than the EcoBoost Utility (6.3 seconds) and the RWD HEMI Charger (6.31 seconds). The slowest 0-60 mph time for a pursuit-rated vehicle (7.99 seconds) was the V-6 Charger.

The next category we like to look at is the 0-100 mph numbers, as they represent the speeds usually required to overtake a violator. Frequently, the deck of entries gets shuffled between 0-60 and 0-100; however, first and second place stayed the same this year. The EcoBoost PI Sedan recorded the best time at 13.5 seconds and the AWD HEMI was second at 14.37 seconds. Third best went to the RWD Charger HEMI at 15.26 seconds. The slowest time for the 0-100 mph (at 20.19 seconds) was also the V-6 Charger.

Ford's two newest vehicles, the Hybrid Sedan and the F-150, performed well and kudos to Ford for including them in the tests. No one expected the Hybrid to break the sound barrier, but it did top out at a respectable 119 mph, although it took over 24 seconds to get there. The pickup truck shocked and amazed the attendees by posting the third fastest 0-60 mph times and a respectable 0-100 mph time (16.69 seconds) which was faster than six of the pursuit-rated sedans and SUVs. However, the truck's top speed was 100 mph which is where it is computer limited. I wonder what it might do if someone unleashed all the horses.

#### **The Brake Tests**

In 1972, my department made a drastic departure from the six-cylinder Ford and Plymouth police cars (we drove for decades) and tested a few Chevy sedans with the potent 327 V-8s. I was lucky enough to draw one on my shift and that sucker would run! I remember one particular call I received to back up another officer and, as I approached the scene (somewhat faster than the posted speed), I locked up the Chevy and slid way past him and the scene. Besides horsepower and a plethora of mechanical, electronic and safety upgrades to modern police vehicles, easily, the greatest improvement is the braking. From drum brakes on all four corners to front disc brakes, to disc brakes with huge calipers and rotors on all four corners, we have come a long way. Combined with better suspensions, better tires, ABS (Antilock Brakes), FWD, and AWD (on several models), we are approaching the proverbial "stopping on a dime" criteria. This is why the MSP braking tests are so crucial

The vehicles are all subjected to three 60 mph to zero stops (with a brief cool down between each) and the average of the three determines a projected stopping distance (measured in feet). And, these are not gradual slowdowns – they are full on hitting the brakes so severe that, a few years ago, one test vehicle's rotors actually caught fire!

The same eight vehicles were tested and the best projected stopping distance was recorded by the Ford PI Utility with 3.7L V-6 and AWD at 130.68 feet. In second place, at a close 132.88 feet, was the V-6 RWD Dodge Charger. Right behind the Charger was the 3.5L V-6 PI Sedan at 133.06 feet. The common factor here is that all were V-6s and two were either FWD or AWD. Ford's F-150 performed better than the two Tahoes and one PI Sedan at 142.94 feet.

The worst projected distance was recorded by the much heavier 4WD Chevy Tahoe at 147.85 feet, a full 17.17 feet further than the PI Utility. In the real world, that's the equivalent of going through a crosswalk and almost into the middle of an intersection – oops.

#### THE MOTORCYCLE TESTS

Seven police motorcycles were provided by manufacturers for the acceleration, top speed and braking tests. The industry leader, Harley-Davidson®, provided four models, the FLHP, FLHP Stage II, the FLHTP Stage I, and the FLHTP Stage IV. The remaining companies provided one motorcycle each. They were the BMW R1200

RT-P; the Yamaha FJR 1300; and the Zero DSRP, an electric motorcycle.

The fastest solo was the Yamaha at 143 mph, followed closely by the BMW at 135 mph. The Harley-Davidson Stage IV FLHTP was third at 110 mph. The slowest entry was the Zero electric at 102 mph, still a scary speed for all but an expert rider. And 143 mph? Fuhgeddaboudit.

The Yamaha was also top dog in the 0-60 mph drag race at 4.1 seconds and the BMW second at 4.36 seconds. Third place went to the H-D FLHTP Stage IV at 4.44 seconds. The 0-100 mph rankings were in the same order as the 0-60 mph – the Yamaha at 9.81 seconds; the BMW at 10.34 seconds; and the Harley Stage IV at 12.41 seconds.



Harley-Davidson® did well in this year's braking tests.

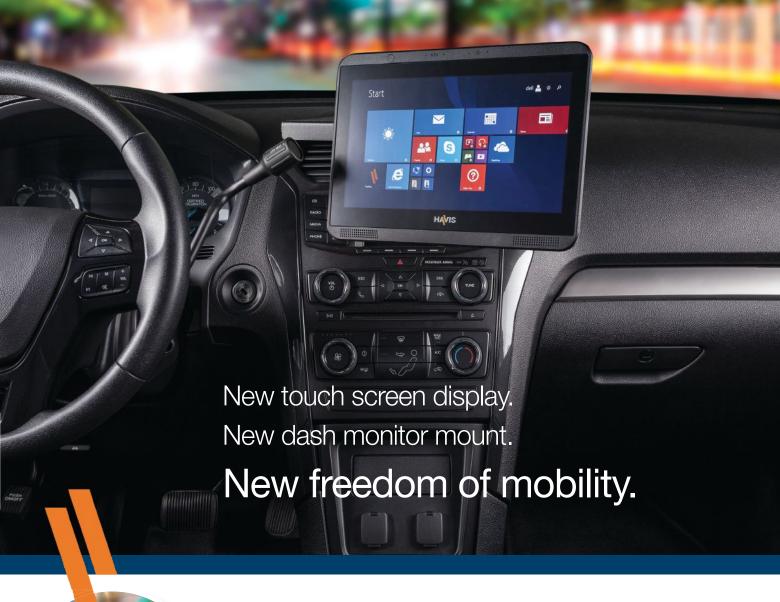
#### **Motorcycle Braking Test Results**

The same seven motorcycles were evaluated with three 60-0 mph brake tests and the average projected stopping distances were calculated. The shortest distance was the BMW at 130.24 feet and at second place was the Harley-Davidson FL-HTP Stage I at 134.97 feet, a scant 4.79 feet further. The third best was another Harley, the FLHP Stage II at 135.2 feet. As a testament to their vastly improved braking systems, another H-D, the FLHP, was fourth at 135.39 feet. The electric Zero DSRP placed a respectable fifth place at 139.14 feet.

Ironically, the <u>worst</u> projected stopping distance was posted by the bike which also posted the <u>fastest</u> top speed, the Yamaha FJR 1300 at 143.36 feet, over 13 feet further than the winning BMW. We can logically assume that a panic stop at 143 mph would even be further. As in my example with the 327 Chevy earlier, what's the good of all that speed if you can't stop?

#### WHAT'S NEW FROM THE "BIG THREE"?

We've been reporting on breaking news from the "Big Three" throughout 2017 and following are some of the highlights for the 2018 model year.



#### Mount your computer remotely.

The latest mobile office solution from Havis features a new lightweight, high-resolution touch screen display and optional vehicle-specific mounts that maximize comfort, safety, functionality and in-vehicle space. The display functions as an external monitor that mounts close to the dash with the option of mounting the computing device elsewhere in the vehicle to save space in the cabin. A tilt/swivel hinge provides for a range of adjustments to reduce glare and body strain and allow access to the OEM control panel.

- Display and Mount have been tested to industry safety and vibration standards to ensure quality performance in rugged conditions.
- Compact design optimizes space for additional equipment and peripherals (keyboards, scanners, etc.) to be mounted in the cabin.
- Vehicle specific dash mounts for the touch screen display available for numerous models of Ford, Chevrolet, Dodge, and Nissan
- Display, mount and peripherals can be bundled into a mobile office solution or purchased separately.

Learn more at havis.com



#### THE WHEELS OF JUSTICE

Continued from page 18

#### Chevrolet

#### (www.gmfleet.com/police)

Chevrolet loyal buyers will have only two pursuit-rated choices in 2018 and neither are sedans. Most folks working in Law Enforcement (LE) today have never experienced a time when there was no new Chevy police car available. This year (2017) was the last year for the venerable Impala and the imported Caprice was phased out the year before after lackluster sales, primarily due to the MSRP. Ironically, the plant where the Caprice was built, GM Holden in Adelaide, Australia, closed its doors for good on Friday, October 20, 2017, leaving 945 employees without jobs and ending 70 years of Australian-built automobiles and trucks. The assembly plants of Ford, Chrysler, Toyota, and three others had already been closed during the past couple of decades, leaving this Holden plant the sole survivor. Is it possible that GM axed the Caprice knowing the factory would close soon? Probably.

Chevrolet's two remaining LE vehicles are the Tahoe and the Silverado pickup truck. The Silverado SSV (Special Service Vehicle) is not pursuit-rated and, thus, not tested at the annual MSP tests. It is pow-

ered by the 5.3L EcoTec3 V-8 and is available in 2WD or 4WD. It is available as a four-door model only. The 2018 model is a carryover from 2017.

Chevrolet's Tahoes are pursuit-rated, hence the model name PPV (Pursuit Police Vehicle) and sales have been significant, despite a hefty price tag. They are very popular with officers, primarily due to the height, performance and size. Both the RWD and 4WD versions are powered by the 5.3L V-8s and are built with the well proven, old-fashioned method, body on frame, which most experts believe is superior to the unibody construction of the competition. Standard safety features for 2018 include a rear vision camera, Rear Park Assist and an Enhanced Driver Alert Package.

A side-by-side comparison with the best-selling LE SUV, the Ford Police Interceptor Utility, reveals a couple of the primary reasons why officers prefer the Tahoe. The Tahoe's interior space is the largest in the segment, with a passenger volume of 120.7 square feet compared to the Pl's 118.4 square feet. Even greater is the difference in cargo space, with the Tahoe at 112.1 square feet and the Ford's

85.1 square feet. The ground clearance for the Tahoe (in both drive configurations) is 8.5" versus 6.5" for the PI Utility, offering both officers and the public greater visibility with the Tahoes. Tahoe PPV resale prices have remained high, with used police car dealers reporting lengthy waiting lists. A recent check of the online auction service, eBay, found only 30 used Tahoe police vehicles listed for sale.

#### **Dodge**

#### (www.fcausfleet.com)

Fiat Chrysler has two Special Service vehicles, the Dodge Durango and the Ram 1500 pickup, but neither are currently pursuit-rated or tested by MSP. However, their bread and butter (and North America's best-selling LE sedan) is their Dodge Charger Pursuit.

From its introduction in 2006 on Chrysler's then new LX platform, the Charger continues to be reinvented and improved. The one consistent factor for all 12 years is the 150 mph 5.7L HEMI V-8 engine. Loved by cops and loathed by speeders, the power of this engine cannot be underestimated. To this potent drivetrain, Dodge has added the best in class AWD system, too.





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#### THE WHEELS OF JUSTICE

Continued from page 20

Throughout 12 years of production, Dodge has also offered their 3.6L V-6 which has proven to be a popular choice for many municipalities. And, if you haven't driven one, don't knock it until you've tried it, as it's a gutsy, responsive engine, too, and you won't replace the rear tires nearly as often.

The 2018 Charger Pursuit mantra is "safer than ever" with a bevy of no cost standard equipment geared for officers' safety. This includes a rear camera view which includes Blind Spot Monitoring, Rear Cross Path Detection and Park/Sense Rear Park Assist. All of these features are operational while driving or stationary and are visible on a seven inch touch screen display in the center of the dashboard. This integrated system is named the Officer Protection Package and, again, it is standard equipment. If an officer is parked and motion is detected, simultaneously, an alert chime sounds, lights flash, windows roll up, doors lock, and the images immediately appear on the touch screen.

#### Ford (www.fleet.ford.com)

Ford police cars have been around for

a hundred years or so, starting with those first Model Ts and, for most of those years, there has been a cop behind the wheel of a Ford cruiser. I sure piloted my share of "Blue Ovals" in my 27 years on the job. I liked them so much I've owned several in my 27 years of retirement, too. Like any mass production automaker, there have been a few hiccups over the years, of course, but Ford has always bounced back and Ford was the only one of the "Big Three" which refused government funds when times got tough.

Ford's sales lost momentum with the demise of their CVPI (Crown Victoria Police Interceptor) which was the juggernaut of all police car sales for over 13 years, but the replacements - the Police Interceptor Sedan and Utility (introduced in 2013) - have steadily increased in sales to the point that the Utility is the best-selling LE SUV in the field. Earlier this year, Ford introduced the F-150 Police Responder pickup and the Police Responder Hybrid which have been reported on extensively and were tested by MSP this year. Ford also offers the Special Service Expedition. now available with the 3.5LEcoBoost engine, as well as the Transit PTV (Prisoner Transit Vehicle), a raised roof van. For the purpose of this article, we will concentrate on the 2018 Ford Interceptor Sedans and Utilities.

#### An Interceptor Is Still an Interceptor

Ford's two Police Interceptors can rightly boast that they are "made in America," as they come from the mean streets of Chicago after decades of being born in Canada. The Sedan and Utility are both built on the same platform and are purpose-built with input from officers all over North America and Ford's own Police Advisory Board. The end results are vehicles designed for officer safety and comfort.

The Interceptor safety features include being the only vehicles on the market designed for the 75 mph rear impact crash test. Their Surveillance Mode warns that someone is approaching the rear of the vehicle and activates a chime, closes the driver's window and locks the doors. The pursuit-rated vehicles also offer optional Level III or Level IV ballistic door panels as options and deflective steel intrusion plates are built into the driver and passenger seat backs, while multiple air bags and crumple zones can diminish crash injuries.









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#### THE WHEELS OF JUSTICE

Continued from page 22

The adjective "heavy-duty" is overused a lot today, but these heavy-duty PI features live up to the description and they include steering and suspension components; antilock disc brakes with unique, inverted hat vented rotors; a cooling system controlled with a police calibrated fan; hefty 18" steel wheels with police purposed tires; and more. The Utility is only available in FWD while the sedan is available in FWD or AWD. The 365 HP V-6 EcoBoost engine continues to be the engine of choice in both models of Interceptors and the stats from the MSP tests support that choice.

We reported in the last issue how Ford has responded to the complaints and litigation surrounding carbon monoxide contamination in the Utility interiors. In case you missed that coverage, check with your local Ford dealer or visit www.fleet.ford.com.

Another issue developed as we were preparing this article. A Louisiana sheriff's office has notified Ford they are boycotting the company due to the automaker's support of NFL players' actions during the playing of the national anthem. Bossier Parish Sheriff Julian Whittington wrote that "he will no longer purchase Ford

products as long as Ford sides with those who have no regard for the men and women who protect and serve this great nation." He continued, "Yes, the NFL players have a right to protest as they deem necessary, but we, the Bossier Sheriff's Office, and our taxpayers have a right to spend our money elsewhere." Whittington's office has a fleet of over 300 vehicles and bought nearly \$750,000 worth of Ford vehicles in 2016 and 2017. When contacted, the dealership which sold the vehicles stated that they were not aware of Ford's comments, but Ford's stance concerns them as well. It should be noted that members of the Ford family have owned the NFL Detroit Lions since 1963 and the team plays on Ford Field. It remains to be seen how all this will play out.

#### **EMERGENCY LIGHTING**

With the movement to LED (Light Emitting Diode) technology, emergency lighting took a giant leap forward from the days of halogen bulbs and strobes. LEDs use less power while being brighter, they are cooler and can be used almost anywhere on a vehicle body or in an interior. Plus, they continue to get cheaper

and smaller. Following is a review of new emergency lighting advancements, listed alphabetically by manufacturer.

#### Block Communications (www.blockcom.com/police)

Available from Block Communications is the FLASHBAC, a true plug-n-play rear flasher unit for the Charger, PI Utility and Tahoe which alternates the halos, brake lights and reverse lights. It is DOT compliant and is proudly made in the USA.

#### Code 3<sup>®</sup>, Inc. (www.code3pse.com)

The new XTP Series incorporates a high performance light into a compact, sleek design at a fraction of the cost of other manufacturers. Its waterproof, compact size allows placement inside or outside of



The XTP Series of emergency lighting appeals to the budget conscious buyer.



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#### THE WHEELS OF JUSTICE

Continued from page 24

a vehicle, including grilles, mirrors, push bumpers, trunk lids, windows, and more. The units are available in multiple flash patterns in single, double or multicolor models, with a dimming capability.

Code 3 has also launched their new Chase dash and deck light which features functionality and safety with its adjustable visor and dual switch control. The visor prevents flashback and is easily moved to match any glass contour. It can be plugged into a 12V power source or hardwired and its design allows installation inside front, rear or side windows.

#### SoundOff Signal® (www.soundoffsignal.com)

SoundOff has extended its mPOWER® product line of lightbars. In a collaboration with Dow Corning®, they have creat-



The mPOWER® product line features Clear Duty® technology.

ed a first generation optical design called Clear Duty® technology which provides a one-piece housing and optic design which delivers a number of advantages over conventional polycarbonate optical lenses on other lightbars. Some of the advantages of this lightbar are that, despite being only one inch tall, it is 50% sleeker than other models while providing a brighter output than comparable models. The inboard and corner light modules are designed to be continuous, thereby eliminating lighting gaps. Alley lights can be configured in single, dual and tri-colors to maximize intersection awareness, plus the mPOWER is the only lightbar equipped with a standard photocell which automatically dims the lightbar at night.

#### Whelen Engineering Co., Inc. (www.whelen.com)

Whelen recently introduced BroadBand Blue™ which is their answer to Monochromatic Blue. The new Broadband Blue delivers a higher intensity, creates a larger optical image and produces a more consistent color, all while being easier on the eyes – especially at night – and it meets all SAE specifications.



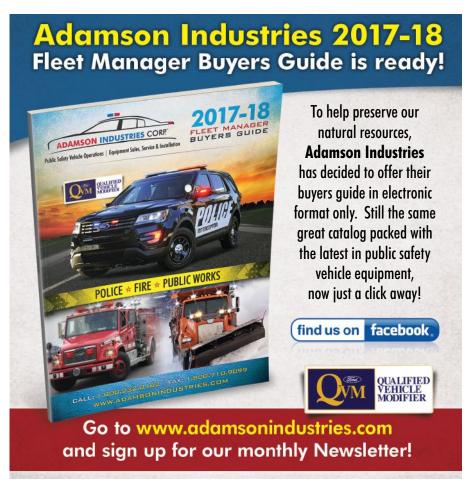
BroadBand Blue™ was developed to provide an increased intensity through window tints.

Utilizing phosphor coated Blue technology, BroadBand Blue was developed to provide an increased intensity through window tints and to create a larger optical image and a more consistent color blue. BroadBand Blue provides a higher intensity without increasing current.

BroadBand Blue is currently available in Whelen's Inner Edge® FST™ and RST™ Series and will be available in more products soon.

#### OTHER EQUIPMENT AND STORAGE SOLUTIONS

This section contains information about some of the other equipment needed by your officers to do their jobs safely and more efficiently. No one ever gave much thought to equipment storage when it was all crammed into the trunk of a sedan, but that all changed with the Crown Victoria rear-end collision fires. Extensive forensic







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#### THE WHEELS OF JUSTICE

Continued from page 26

investigations of those fires revealed that, in most instances, the fires were caused by loose equipment in the trunk puncturing the gas tank which was mounted horizontally between the differential and the trunk. In addition to shielding the gas tanks, Ford developed the first OEM trunk equipment storage containers and several aftermarket vendors designed their own units as well. With the popularity of LE SUVs, the need for safe, secure weapon and equipment storage has become crucial. Thus, we have added the latest storage solutions to the other equipment in this section.

#### All Fleet Solutions (www.allfleetsolutions.com)

The new DVT-01 Dual Voltage Timer provides circuit protection from surges, brownout, static, spikes, and reverse polarity. This new unit includes many features, such as Low Voltage Disconnect. To ensure that a temporary load does not cre-

ate a nuisance shutdown, the DVT Timer will wait 15 seconds before disconnecting the circuit. The entire DVT Series allows the low voltage cutoff to be configured to either 11 VDC or 11.75 VDC. Over-Voltage Protection immediately disconnects the circuit when voltage exceeds 18 VDC and reconnects when the voltage returns to <18 VDC.

#### Code 3, Inc. (www.code3pse.com)

Code 3 recently released their new wireless quad camera system, the Gemineye, which provides drivers with a 360 degree sense of security when maneuvering police vehicles by providing visibility of up to four blind spot angles at once. The entire system, including cameras, can be installed in less than 30 minutes with no need to run any wires other than one power source. The Quad Camera System comes with a seven inch widescreen LCD high resolu-

tion touch screen color monitor with quad split screen capability and a color infrared camera.

#### Estes AWS (www.estesaws.com)

The new Rapid Access Weapon Lockers open electronically, with no combinations to remember, and the drawer slides open automatically which allows officers to remove their weapons quickly. Estes AWS has weapon lockers for sedans (trunk mounted), SUVs and pickup trucks. The SUV weapon locker can be a single or double unit.



Hardwire's Transparent Window Insert allows for normal operation of your vehicles' window and their ballistic panel mounts to the outside of a vehicle door.

#### Hardwire, LLC (www.hardwirellc.com)

Hardwire has two products which greatly improve officers' safety in active shooter situations. Their Transparent Window Insert seamlessly covers the existing windows in police car doors while still allowing normal operation of the window. The insert mounts inside the glass and requires no modification to the vehicle. It provides NIJ Level III handgun and shotgun protection. They are available for both of the Ford Interceptors and others.

Hardwire's Vehicle Door Armor is a ballistic panel which mounts to the outside of a vehicle door with antitamper fasteners and is OEM color matched to blend in with the existing vehicle color and also accepts decals. The lightweight, high performance armor panel provides NIJ Level IIIA+ protection and will stay securely in place on the roughest terrains. These panels are modular, scalable and upgradeable.

#### Havis, Inc. (www.havis.com)

Havis introduced a new lightweight touch screen display (TSD-101) which mounts directly to a vehicle's dash panel. The new space-saving display functions as an external monitor, providing the option of docking and mounting computing devices elsewhere like the trunk to maximize space



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Continued from page 28



The new lightweight touch screen display from Havis mounts directly to a vehicle's dash panel.

and create a comfortable work environment. It features an anti-glare screen and a red monochrome night mode designed to minimize eyestrain; a screen size of 11.6" length x 8.5" width x 1.4" depth; a high resolution of 1366 x 768 pixels; and a total weight of 2.2 lbs. A friction-based hinge on the new mount series creates a rapid tilt swivel and rotation motion for a range of left, right, portrait to landscape and upward adjustments, allowing users to lift the touch screen display.



Jotto Desk (www.jottodesk.com)

Known for their superior consoles and partitions, Jotto has unveiled new storage systems for the PI Utility and the Tahoe PPV. Proudly made in the USA from 12-gauge aluminum, they provide security options in eight configurations and retain easy access to the spare tire. They are rated at 200 pounds total capacity.



Jotto's exclusive zinc lock head design prevents theft by deforming instead of breaking.

Jotto's exclusive Wide Body AR/ZRT Console was designed for Fish and Game agents and other agencies which utilize the popular LE pickup trucks from Ford, Ram and Chevrolet and the Tahoe SUV. They securely mount and conceal an ARtype rifle in a 12-gauge aluminum console which mounts between the vehicle's bucket seats while also providing 20" of equipment mounting space. The weapon locks feature Jotto's patented ZRT Lock Heads with SmartLok technology which we have reported on previously. The locks are also featured on their ZRT Gun Racks. The lock heads incorporate the features which LE require and are easily adapted to fit a variety of weapons. In addition, SmartLok technology makes them impossible to be "hotwired" with even something as simple as a 9V battery, as has been reported with others on the market.



The T2 Shutdown Timer from Lind turns off electrical loads at a preset time.

#### Lind Electronics, Inc. (www.lindelectronics.com)

The newest product from Lind Electronics for law enforcement is their T2 Shutdown Timer which protects the vehicle battery from over discharge and safeguards communications and other sensitive equipment from both low and high voltage damage. The T2 turns off electrical loads at a preset time after the car engine is shut down and the unit has two outputs; each has its own time delay.



Lund has a new "two gun" version of their LOFT overhead storage system.

#### Lund Industries, Inc. (www.lund-industries.com)

Lund has announced the addition of new "two gun" versions of their LOFT overhead gun storage for police SUVs. The LOFT system is unique in that it utilizes generally unused space in the rear quarter area of the SUVs between the headliner and the top of the windows. The new "two gun" models have been modified to accommodate an M4-style rifle and a 12-gauge shotgun securely and completely hidden from outside the vehicle. Popular options include mounts for warning lights, internal LED lighting and a new M4 magazine box.

Lund has also added a new FPIU raised equipment box to their line of SUV equipment boxes which is designed to partner with the LOFT gun storage systems. The legs lower the overall height of the box to maximize the opening and access to the LOFT, while still allowing room for an optional lower/second drawer.



The new Pursuit Series from OPS is affordable and is available in three different modular units.

#### OPS Public Safety (www.opspublicsafety.com)

OPS has launched a series of budget-friendly storage systems for the PI Utility and Chevy Tahoe. Aptly named the Pursuit Series, they are affordable, user-friendly storage solutions for weapons and gear in three different modular units. The three units are a single storage drawer, a weapons cabinet and a weapons drawer, with more configurations on the drawing board. Like the company's other storage systems, these are modular units, meaning the weapons' drawer and the weapons' cabinet can easily be exchanged on top of the single storage drawer using an easy four bolt installation system. The drawers come with a latch which only requires one hand to open, while the cabinet uses heavy-duty hydraulic gas shocks to keep the lid securely open and closed.

#### Pro-gard Products, LLC (www.pro-gard.com)

Pro-gard has announced the launch of their new Cargo Security Cover which conceals equipment, tools, gun racks, and other gear kept in the cargo area of the PI Utility and Tahoe. This cover keeps items out of sight by creating a "trunk" for SUVs.



### **TUFLOC VEHICLE GUN RACKS**





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#### Continued from page 30

It features a steel frame and is topped with a heavy-duty rubber mat. The quick installation requires no holes, but it is designed to mount to Pro-gard's Cargo Barrier.

Pro-gard has also added "Fender Wings" to their LE vehicle accessory offerings which offer additional vehicle front end protection when added to their HD Push Bumpers. These attach easily to the push bar and use factory mounts. They are available for the Tahoe, Charger and both Ford Interceptors.





The new SmartBelt System from Setina comes with a safety alert signaling system.

#### Setina Manufacturing Co., Inc. (www.setina.com)

Setina's new "SmartBelt" System is the latest technology in Center Pull Seat Belt design. The SmartBelt's electronic seat belt retractor system eliminates the officer's need to manually actuate the locking mechanism to activate the restraint mode. The SmartBelt allows the officer to simply situate the passenger and buckle. The retractors automatically sense when to lock to secure the detainee. The SmartBelt System comes with a safety alert signaling system, alerting the officer if the retractor is out of restraint mode. Its features include an automatic electronic locking system; a retractor locking mode signal light; stays in lock mode, even during a power loss; FVMSS approved components; quick, easy installation; compatible with replacement, cover style or factory seats; and a retrofit kit is available.



The new Virtual Display from Stalker allows programming the steering wheel auxiliary buttons to control the radar's operation.

#### Stalker Radar (www.stalkerradar.com)

Stalker Radar has just unveiled its new Virtual Display which removes the radar display from the dash and relocates it to the vehicle's touch screen. As a result of programming the steering wheel auxiliary buttons to control the radar's operation, this keeps the officer's eyes on the road and hands on the wheel. Radar speed data can now be read directly from a touch screen and radar functions controlled through steering wheel auxiliary control buttons (or the touch screen). The Stalker Virtual Display is compatible with the Uconnect 12.1 system in the 2016 1/2 and newer Dodge Charger Pursuit and with the Havis Integrated Control System in the 2013 and newer Ford Interceptor Sedan and Utility models.



The new Elevated TruckVault is designed to allow spare tire access.

#### TruckVault, Inc. (www.truckvault.com)

TruckVault has unveiled their new Elevated TruckVault which is designed to allow spare tire access while maximizing storage space. It is hinged and raises up to allow the spare to be pulled out from underneath. It mounts securely to factory locations.

#### Tuffy Security Products (www.tuffyproducts.com)

Tuffy has streamlined two sizes of their popular Heavy Duty Tactical Lock-Boxes. One is designed to hold an AR perfectly and fits virtually any sedan trunk or SUV cargo space. The other is larger



Tuffy has streamlined two sizes of their Heavy Duty Tactical Lock-Boxes.

and holds a 12-gauge shotgun or (most) larger weapons, plus other gear. Sedan boxes fit in the trunk well and all boxes are secured with pick-resistant, patented Pry-Guard II locking systems built into the lids.



The newest gun lock from Tufloc features self-adjusting locking for maximum security.

#### Tufloc® (www.esmet.com)

The newest (patent pending) gun lock from Tufloc allows for quick, one-handed removal of a weapon. When the gun is pushed into place, the self-adjusting locking arms ratchet to custom-fit each model of gun for maximum security. The locks function with an electronic delay timer or with the use of a key. The mounting plate quickly mounts to most prisoner partitions.

This wraps up our Transportation 2018 article and we hope it has helped you make those important decisions for your fleet. As always, if I've left out your favorite piece of new equipment, please feel free to drop me a line and let me know what you've found to be useful in the world of police vehicles and accessories. P&SN

Sergeant James Post appreciates your comments and suggestions for future articles. He may be reached at kopkars@arkansas.net.

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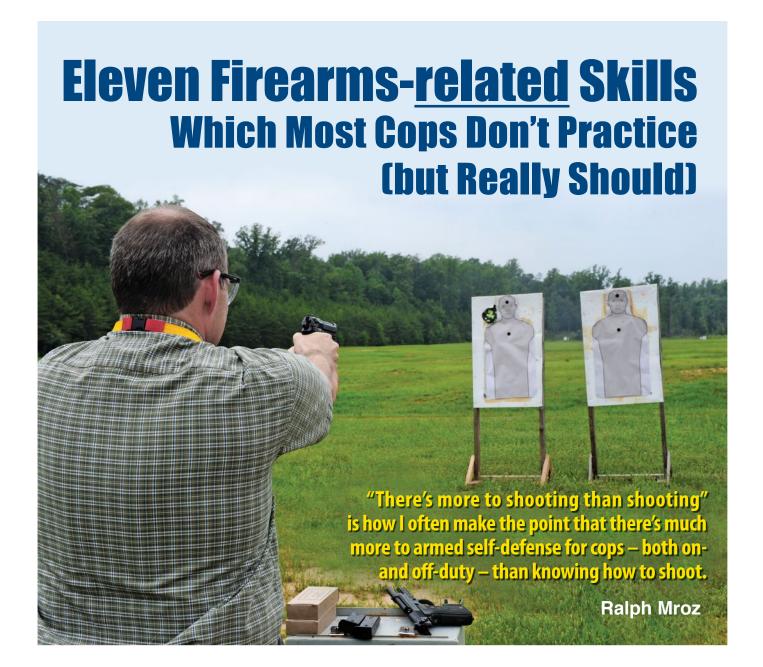
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will often get nods of agreement in return, but, regrettably, most people continue to think that, if they can hit an eight inch target from five yards in two seconds (without concealment), they are good to go. And, don't even get me started about cops who haven't bothered to achieve even that level of skill! I don't know why some officers seem to hoodwink themselves in this matter, but I suppose it's related to the reasons why they believe they are eating well, as long as they don't consume more than a pound of bacon a day.

Anyway, here's what they're missing.

- 1. Empty hands skills: You are far more likely to need them than gun skills. Moreover, some gun appropriate encounters require empty hands skills initially to buy you the time and/or distance to access your weapon. Also, they build reflexes and athleticism which enhance weapons skills, to say nothing of tactical skills – like movement.
- 2. Intermediate weapons: See point one above and, as Andrew Branca (*The Law of Self-Defense*) points

- out: Even if you don't need them, the fact that you had them with you if you have to use your gun shows that you weren't looking to shoot someone and that you'd thought through the issue of appropriate force response (this applies to plainclothes and off-duty carry).
- 3. Presentation from concealment: Most cops never practice this skill. When forced to do so in my classes, they inevitably flub the draw. And, they're surprised! This is the way you'll have to draw if the "real thing" happens while off duty or in plain clothes.
- 4. Concealment skills: Knowing how to effectively and comfortably conceal your gun (and whatever else you're carrying) requires thought, experimentation, purchases, trial and error, and then looping back to more thought, and so on. Just throwing the gun on your belt and hoping for the best doesn't lead to a good outcome. Ditto with just assuming that whatever plainclothes gear your agency gives you is good to go. This is an almost continual process as our bodies change every few

- years and our off-duty lifestyle and on-duty assignments change as we go through the stages of our career.
- 5. Tactics: Standing on a range and shooting doesn't teach you how to move effectively to cover or through an environment, nor how to do so when you are with someone you are protecting (such as your family or citizens). It doesn't teach you how to effectively manage a confrontation (including the bystanders), how to de-escalate, how to manage multiple assailants, how to escape flanking, and so on. Most cops have never had to do these things for real, let alone get much practice with them. Shooting on a sunny afternoon doesn't build much in the way of low light skills, nor does it teach you how to integrate your handheld light with your pistol and movement, while managing the people you are responsible for, and so on.
- 6. Legal knowledge: It just makes my jaw drop that most law enforcement professionals (yes, it's true!) don't really know how and when they can use deadly force. despite the fact that they all think they do. Read Massad Ayoob's book, In the Gravest Extreme, or Andrew Branca's book, The Law of Self-Defense, for that education. Yes, these books are directed at civilians, but the rules for civilians always apply to cops and most certainly do apply when off duty or out of jurisdiction. It doesn't take much reading of the press to find instances of



Do you practice drawing your actual carry gun from its actual carry location? You should.

- concealed carriers and cops getting themselves in BIG trouble because they didn't know the legal whens, whys and hows of gun use as well as they knew how to shoot.
- 7. Challenge technique: If, when and how you challenge plays a critical role in whether you may go to prison, or not, after a shooting. This is not instinctive stuff and

Continued on page 36







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#### Circle 6046 for More Information



**Circle 6047 for More Information** 

#### ELEVEN FIREARMS-RELATED SKILLS

Continued from page 35



Shooting at static targets on the range doesn't necessarily teach you how to integrate your handheld light with your pistol while incorporating movement.

most cops – for whom challenging someone with a firearm isn't going to be unusual – have to learn how to do it.

- 8. Simulation experience: This is easy to do with blue guns, so there are no excuses. It's a whole different experience from just shooting. It builds stress inoculation and...
- Judgment training: It's related to points six, seven and eight above, but critical.
- Aftermath management training: It's the same deal as point nine above.
- 11. Fitness: You're far more likely to die an early, avoidable death at the hands of disease than at the hands of a thug. Remember, you can't save your life (we all die) you can only prolong it and fitness and good diet are the highest return investments you can make here. (On the other hand, if you are more likely to die from gunfire than disease, then maybe you ought to consider a lateral transfer.) 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/.

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Circle 6048 for More Information

## for Effective Firearms Training



#### It's time to go to the range.

ou pack up your range bag; you make sure you have your eye and ear protection; you grab your favorite blaster and holster; and then, after checking to ensure you have the rounds to feed it, off to the range you go. After you arrive, you get everything set up and loaded, throw on your eye and ear protection and start hammering away at the same old boring targets you always use. Yawn...

Selecting targets for firearms training should involve careful consideration of the goals and objectives for each course of fire. Unfortunately, many departments select one or two targets to use for training, regardless of the drill. On the range, we should be utilizing a variety of livefire drills. Since these drills have different goals and objectives, the targets we select should have the features or target zones specific for those drills. This is why our ranges should be equipped with a variety of targets to choose from to meet specific training objectives.

#### TRY TO AVOID THESE

When you're shopping for new targets, how can you determine which ones are a good fit for your training? First, look at the scoring zones or rings. Dave Spaulding, from Handgun Combatives, looks for a realistic shot placement zone because many targets have improperly placed scoring zones. This is true whether you're looking at paper, cardboard or photorealistic targets. Oftentimes, these scoring zones are too low to be combat effective. They may make great bull's-eye targets, but, if you're training to make effective hits in the upper center mass area, these scoring zones aren't going to help.

According to Spaulding, "The area of the body which is susceptible to any type of rapid incapacitation with handgun bullets is guite small, but, at the same time, it is important to chart hits which are less effective, like the outer torso, shoulders or arms." So, we need to make sure the scoring zones are about the right size and shape. If they're too big, all of our rounds might fall into the scoring zone, but may

If you're searching for a superior photorealistic target, then try to avoid threat targets which are arguable. A threat pointing a gun at the shooter is a good threat target. Targets where the threat is pointing a gun away from the shooter can be arguable and may leave unnecessary "training scars." These may be fine depending on the context in which you use them, but pick your threat targets wisely.

Another example of a target to avoid for specific training is doing patrol rifle drills from 50 yards, or further, with a target showing a threat armed with a knife. Unless you are training fairly close to the target stands or there are innocent bystanders nearby, this may not be a deadly threat...yet. The threat may be imminent from 50 yards, but it's not immediate. Aside from an additional threat factor, we don't want to be training ourselves to shoot in this situation.

Steel targets can be a great training tool because they are durable and provide instant audible feedback. Steel can save significant time on the range since they don't need to be taped or changed. An occasional blast with a can of spray paint is all it takes to freshen them up and preserve them for the future. However, we need to evaluate how we use steel targets. Some individuals train using steel targets which are too large, thereby negating their use for measuring combat effective hits. Hits on plates which are too large do provide a satisfying audible response, but those hits may not be in a small enough target zone to cause rapid incapacitation.

Likewise, steel targets which are too small are also problematic. Missed shots which go into the dirt are all too easily forgotten. On paper, these misses are proof that we made a mistake, but, on small steel targets, the negative feedback is eliminated. Without seeing the results of our errors, it is difficult to fix our mistakes.

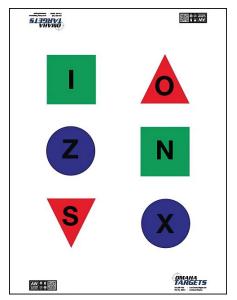
#### TARGET FEATURES WHICH WORK

Well positioned shot zones with faded lines are great because they force us to train and identify where we need to place accurate shots for the best threat stopping outcome. Instead of having an aiming point to reference (something which

would not be present on a real person). the faded shot zone lines help us train to identify and hit the upper thoracic area.

Optional features on targets are also great to have available. These optional features can enhance the usefulness of targets by providing additional training possibilities. Examples are the "command" targets frequently found around the outside of the primary target area. These targets can be used for decision-making and target discrimination training. A variety of targets with different command shapes, angles, colors, and other options are obtainable. In addition to running drills on the main target area. training partners or instructors can call out any combination of shapes, numbers or colors for shooters to engage. Smaller command targets can be used for zeroing, as well as fine-tuning marksmanship skills or diagnosing shooter errors.

For those who live in cold, wet or windy climates, Omaha Targets has come up with a great solution. In addition to traditional paper targets, Omaha Targets offers an all-weather card stock target option. This option is twice as thick as regular paper targets and is coated with a plastic material making it resistant to rain, snow and wind. This resistance to moisture and wind means that the all-weather card stock targets require fewer staples; they resist tearing due to wind and rain; and the staples are less likely to pull through the target. This extra durability also makes it more resistant to tearing from bullets holes. From a cost perspective, the increased durability means you can use these targets longer, saving you



Omaha Targets' command shapes targets printed on durable card stock provide a water- and wind-resistant alternative at a cost-effective price.



The NLEFIA-2S Target (Side 1) - The silhouette side provides realistic size and shaped scoring zones for the head, torso and groin.

the time it takes to repeatedly change normal paper targets, as well as the expense of an additional target.

#### **CURRENT FAVORITES**

One of my favorite general purpose targets is the NLEFIA-2S paper target from Action Target which is the official target of the National Law Enforcement Firearms Instructors Association (NLE-FIA). It is a two-sided target, enabling it to meet the goals and objectives of most courses of fire. It has a silhouette target on one side with properly placed scoring zones. On the other side is a photorealistic target depicting an obvious threat with well placed scoring zones which are only visible up-close. There are also additional target zones on the outside of the target. For the same price as a plain one-sided paper target, the NLEFIA-2S offers both value and training flexibility.

According to Jason Wuestenberg, Executive Director of NLEFIA. "The NLEFIA target provides a means for instructors to offer different performance standards for shooters based on the weapon system, distance and shooter's capabilities...and it offers shooters a means to demonstrate both precision marksmanship and practical marksmanship with any weapon system...all on one target."

Another target favorite is the TAC-MAN three-dimensional torso shell target. The TAC-MAN is a life-size 3-D target capable of taking thousands of hits while maintaining its effectiveness. It is lightweight and



The NLEFIA-2S Target (Side 2) - The picture side has shaded scoring zones placed in the proper areas which are difficult for shooters to see and target. This target helps train shooters to place shots without predetermined target zones.

can be used anywhere traditional paper or cardboard targets are used. This target is especially useful when the body of the target is covered with a dark T-shirt. When equipped with a dark T-shirt, shooters can't see where their shots are hitting, thereby reducing their tendency to look for their shots (peeking). Adding a wig and a baseball cap makes it even more realistic. There are other 3-D targets with hairlines and other realistic features, but the low cost and durability of the TAC-MAN makes it tough to beat.

There are several accessories available for the TAC-MAN, including an anatomically correct paper insert which mounts to the inside of the target. This allows shooters to see where their hits would be in relation to a threat's heart, lungs, spinal cord, and brain. Another optional accessory is a cardboard target insert which is placed inside of the target. This insert is designed to track and score shots on the 3-D target from both the front and sides. The TAC-MAN used in combination with these accessories does elevate the degree of realism in firearms training. Spaulding also likes using these types of targets. "I want to take into account the 360 degree aspects of the human torso. The traditional eight inch semicircle used on a frontal shot is diminished when engaging the side of a human or even at an oblique angle."



#### **VARIETY IS THE SPICE OF LIFE**

Besides considering how target selection affects our courses of fire, a change in the targets we use on a regular basis can keep things interesting. Always using the same target can be boring! If you want to make your training more interesting, take a look at the other targets available and change things up a little. Allowing some variety will help make training more enjoyable. P&SN

Action Target's TAC-MAN 3-D Torso Shell Target is durable and helps to train shooters to think and visualize in three dimensions.

Todd Fletcher is a sergeant in Central Oregon with over 22 years of law enforcement experience. He has presented firearms and instructor development training nationwide and at multiple regional, national and international conferences. He owns Combative Firearms Training, LLC which provides firearms training and instructor development classes to law enforcement, military, private security, and armed citizens. He can be contacted at Todd@CombativeFirearms.com.



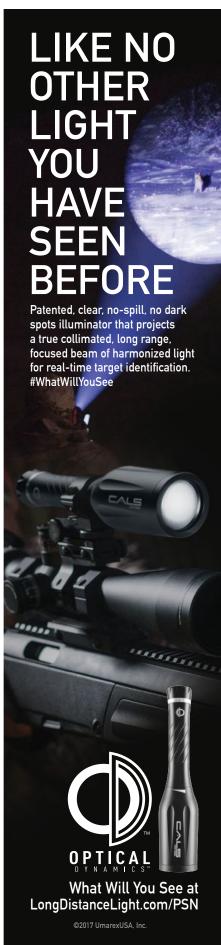
"Without training, the best an officer can be is inadequate and, at the worst, incompetent."

~Brian A. Kinnaird, Ph.D. Use of Force





**Circle 6050 for More Information** 



Circle 6051 for More Information



Circle 6052 for More Information



Circle 6053 for More Information

ollywood has been churning out cop movies from the days of the humorous Keystone Kops silent movies of the 1920s to the "bang bang, shoot 'em up" movies of today. So, what are the best cop movies? Why not go to the inspiration - real or imagined - and ask the cops? After all, you don't ask football players for the best baseball movies.

"The Ten Best Cop Movies" were determined in three manners. The first two involved in-person meetings with some fellow ROCs (Retired Old Cops) for coffee and donuts in the morning or for pizza and beer in the evening. Additionally, a list of 151 movies, along with ballots, were E-mailed to about 400 current or retired cops. Well over 100 ballots were returned which included 19 write-in movies.

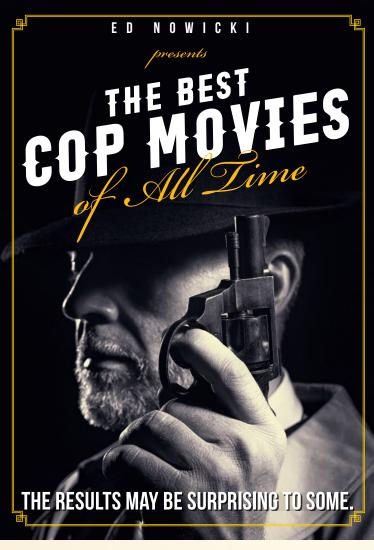
There are actually more than ten top cop movies, since ties are listed without skipping a number. Agree or disagree, here are the results from the voting.

#### THE WINNERS

10. Beverly Hills Cop and The Choirboys. Eddie Murphy's portrayal of Detroit PD Officer Axel Foley interacting with straitlaced Beverly Hills cops is worth watching. Axel is a slick talker with, as you'd expect, a quick wit and there's a great shootout near the end of the movie. The best movie quote: "You know what I keep thinking about? You know the end of Butch Cassidy? Redford and Newman are almost out of ammunition and the whole Bolivian army is out in front of this little hut?"

The Choirboys was a somewhat surprising choice. The book, The Choirboys, by LAPD cop turned author Joseph Wambaugh, showed a great and irreverent display of the various police characters and the dark humor of law enforcement. Some of the great cop names of The Choirboys include "Spermwhale Whalen" and black gloved officer "Roscoe Rules" who made people "do the chicken." If you read the book and watched The Choirboys movie, you may be disappointed in the movie. Any personal feelings aside, The Choirboys was a top ten movie as voted.

**9.** Seven and The New Centurions. The movie Seven is a 1995 crime thriller with two detective partners who are played



by Brad Pitt and Morgan Freeman. In my opinion, it is somewhat depressing and it reminds me of a horror film. This is the story of a serial killer, played by a very creepy Kevin Spacey, who kills his victims for each of the seven deadly sins. The movie ends in a living nightmare which results in one detective confronting pure evil. Although well done, you may be more than a bit rattled after viewing this film.

Written in 1971, The New Centurions was Joseph Wambaugh's first novel and the closest thing to real policing in a big city. Made into a movie which starred actors George C. Scott and Stacy Keach, the movie showed cops as more than two-dimensional boneheads. Scott's portrayal of veteran cop Andy Kilvinsky and "Kilvinsky's Law" showed the effectiveness of commonsense applications by a veteran street cop.

**8.** Colors and Training Day. Colors stars Sean Penn and Robert Duvall as partners assigned to the LAPD's C.R.A.S.H. (Community Resources Against Street Hoodlums) unit. Duvall is put into the unit because of his experience and an increase in gang activity. The battle for gang supremacy, reflecting reality, is between the "Bloods" and the "Crips." There's a great sto-

ry about patience, told by Duvall, involving a young bull and an old bull.

Training Day seems to me like the most anti-LAPD, anti-cop movie ever made. Denzel Washington plays the role of a corrupt, money hungry cop to perfection. Ethan Hawke is the proverbial "deer caught in the headlights" rookie who is getting sucked into an ethical black hole to the point where he might not make it out. It is an excellent, well acted movie from a storytelling perspective, but it has a very strong anti-cop message from the birdbrains in Hollywood! If you liked the former FX cable TV show, "The Shield," you'll love Training Day. This is a movie which cops either love or hate!

7. Donnie Brasco is the story of FBI undercover special agent Joe Pistone, aka Donnie Brasco, played by Johnny Depp, who infiltrated New York City's Bonano crime family. After Donnie Brasco's cover was intentionally revealed, FBI informants later revealed that Brasco

had a \$500,000 contract on his life. This is an excellent film, but there was some creative license taken when compared to the original book. However, the movie did include many intense occurrences, such as the brutal Japanese restaurant scene.

**6.** LA Confidential and The Departed. Filmed in 1997, LA Confidential tells the story of three very different LAPD cops who seek to solve murders and fight out of control police corruption in 1950s Hollywood. The cops are revealed in a raw manner, but they still try their best to do their often difficult jobs. Far from the glamour and glitz, LA Confidential reveals a seedy side of Hollywood. This movie is radically different when compared to Jack Webb's "just the facts" TV show, "Dragnet," of the 1950s.

The Departed, which takes place in Boston, is loosely based on the 2002 Hong Kong thriller, Infernal Affairs. This is a compelling cop versus gangsters drama with a seedy realism and blurred morality. The excellent cast includes Jack Nicholson, Leonardo DiCaprio and Matt Damon who all do an outstanding job of bringing you into the movie.

**5.** Lethal Weapon. There are a total of four Lethal Weapon movies. This is a great

cop buddy movie which partners a marginally crazy Mel Gibson with Danny Glover who is on the short track to retirement. No one can forget Danny Glover's Roger Murtaugh telling Mel Gibson's Martin Riggs, "I was driving before you were an itch in your daddy's pants!" Don Mihalek, a federal law enforcement officer, made the comment to me, "The original Lethal Weapon is the best. They should have never made another!"

- 4. Bullitt has one of the coolest car chase scenes ever filmed, as Steve Mc-Queen races through the steep, lofty streets of San Francisco in a 1968 Mustang GT Fastback at warp speed. This is probably the granddaddy of all chase scenes and will put butterflies in your stomach, as Bullitt's Mustang takes on a Dodge Charger in a wild chase. The muddled plot is less interesting with Lt. Frank Bullitt tracking down the hitmen who killed a mafia witness who was in his protection. Blah, blah, blah, chase scene - WOW!
- 3. The Untouchables and Heat. It may be difficult for some of the aging baby boomer cops to rid the image of Robert Stack's stiff TV portrayal of Eliot Ness from their minds. Kevin Costner's version of Eliot Ness was solid, but who can forget Sean Connery's performance as a streetwise, shotgun-wielding Chicago cop Jim-



It all started with the Keystone Kops.

my Malone. Malone's officer survival advice to Ness still applies to every real law enforcement officer when he tells Ness (who had a bad day), "You just fulfilled the first rule of law enforcement: Make sure when your shift is over, you go home alive. Here endeth the lesson." Gotta love Jimmy Malone's street moxie!

It's Pacino versus De Niro - cop versus criminal in Heat. It's not exactly good versus evil, since Pacino isn't all that good and De Niro isn't all that bad. Somehow, both cop and criminal seem to have much in common. You almost (that's ALMOST) want to root for the bad guy. If you like shootouts in movies, you'll love Heat.

2. Serpico. Al Pacino is honest cop Frank Serpico in a New York City PD which is infested with corruption and it almost cost him his life. Serpico tries to

identify the bad apples in the NYPD without violating the alleged Gibraltar-like "blue wall of silence." Hollywood, as usual, took significant creative liberty with the book, Serpico. This is a well done movie which may touch law enforcement viewers in many different ways.

1. Dirty Harry and The French Connection. 1971's Dirty Harry did more for the sale of S&W Model 29 .44 Magnums than any advertising ever could. You could not buy one. I know because I tried! Harvey Hedden, the Executive Director of ILEETA (International Law Enforcement Educators and Trainers Association), stated, "Dirty Harry made other movies adopt a catchphrase like 'Do you feel lucky?' and represented a cop's frustration with a criminal justice system which protected the criminals over victims. He is the cop we wanted to be, but couldn't." If you like Dirty Harry, you'll love any of the other four Dirty Harry movies which followed, along with the line, "Go ahead, make my day," used in Sudden Impact (which was also used by President Reagan). So, did he shoot five rounds or six?

The French Connection, also a 1971 release, created a surge in popularity of another piece of equipment: the ankle holster. Prior to Gene Hackman's Popeye Doyle carrying an ankle holster, I never

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ARMOR EXPRESS

#### THE BEST COP MOVIES OF ALL TIME

Continued from page 43

knew of a cop who owned one. After *The French Connection*, it seemed like almost every cop used one, myself included. Don't bother with the sequel – it's underwhelming. Officer Eric Dickinson of the Vinton, Iowa, Police Department stated, "The French Connection is a great movie with the most exciting chase sequence ever made AND [it's] based on a true story. It's a classic 70s cop movie." The Bullitt chase scene aside, it's hard to argue with a car chasing a train on elevated tracks. Now, answer this: You still picking your feet in Poughkeepsie?

#### **HONORABLE MENTIONS**

A great many movies almost made the top ten list. These, in no particular order, include: Fort Apache, The Bronx; Freebie and the Bean (great cop buddy fun); In the Heat of the Night; Police Academy (seven movies in the series); The Silence of the Lambs; Turner and Hooch; Die Hard; Super Troopers (really?); The Seven-Ups; Naked Gun; In the Line of Fire; End of Watch; To Live and Die in LA; RoboCop (both the old and new versions); and The Onion Field.

Who wouldn't want to partner with Officer Murphy's *RoboCop* and hear him say,

"Come quietly or there will be...trouble." Or, "Dead or alive, you're coming with me!" Or, Officer John McClane, played by Bruce Willis in *Die Hard,* yelling, "Yippee ki-yay, motherf-er!" Or, telling a terrorist, "Just a fly in the ointment, Hans. The monkey in the wrench. The pain in the ass." If only real crime fighting cops could be so Hollywood cool. Yeah, right!

One movie every cop should see is *The Onion Field*. It's extremely well done and does Joseph Wambaugh's book of the same name proud. *The Onion Field* is a true story and it's a movie which every cop can feel with a cascade of different emotions. Every recruit in a real-world police academy should be required to watch *The Onion Field* and discuss in class what happened and what lessons are learned.

#### CONCLUSION

No Old West lawmen movies were listed. By the way, John Wayne only starred in two cop movies: *McQ* and *Brannigan*. Good versus great is strictly a personal preference. Outside of the *Dirty Harry* series of five movies, most sequels aren't worth watching.

What's really a good police movie from a cop's perspective? Too much of the cop film genre is typified by crooked cops, mentally disturbed cops and outlaw cops. Sgt. Rocky Warren (retired – Placer, CA, Sheriff's Dept.) agreed, "I want to be entertained and/or amused by the cop movie. I still get angry at movies which portray cops as greedy, on the take, or vicious. I guess I lived too long with people who enforce the law and were the exact opposite. Plus, losing too many friends to police service makes you a bit sensitive about the kind of barnyard sewage so favored by the 'Hollvweird' crowd."

There you have it – cop movies. From the cynical and corrupt cop, to the supercop who, like Superman, is out for truth, justice and the American way. It seems that the nation cannot get enough of the "knights in blue" movies.

The cop movie is a genre which includes a few "just the facts," squeaky-clean men and women, and the jaded officers who are submersed in the seedy world which most of the public never sees. So, like most celluloid cops, let's pull that slide back and chamber a live round into the empty chambered semiauto pistol which we all carry. Just remember, almost any of the "bang bang, shoot 'em up" cop movies requires a visit to a strip club, so keep your eyes open! P&SN

Ed Nowicki, a nationally recognized police use-of-force and training expert, is a retired police officer and retired police academy director. He is also the Executive Director Emeritus of ILEETA. Ed generally loves copmovies and, when not watching a copmovie with Coco, the police attack poodle, he can be reached at NCJTC@aol.com.



Circle 6055 for More Information



Circle 6056 for More Information

## ABOVE AND

#### HONORING THOSE WHO TAKE RISKS AND SAVE LIVES

"Above and Beyond..." salutes Deputy Taner Primmer of the Brevard County, FL, Sheriff's Office

#### Artwork by Don Lomax

A video of this incident can be viewed here:



http://tinyurl.com/ydexdosi



ABOARD HIS PILOT BOAT, SHERIFF'S DEPUTY TANER PRIMMER WAS ESCORTING A CARNWAL CRUISE LINE SHIP OUT OF PORT WHEN HE RECEIVED WORD FROM HIS SUPERIOR ABOARD THE CRUISE SHIP OF A DEVELOPING, DANGEROUS SITUATION! TWO WOMEN HAD FALLEN OFF A JET SKI AND WERE DRIFTING INTO THE GIANT SHIP'S PATH!

OFFICER PRIMMER THREW CAUTION TO THE WIND, PLACING HIS BOAT DIRECTLY IN THE PATH OF THE 17 STORY SHIP WHILE THE PASSENGERS GASPED IN HORROR, FEARING THEY WERE SEEING A DISASTER IN THE MAKING!



PRIMMER POSITIONED HIS BOAT AS CLOSE TO THE FLOUNDERING DUO AS POSSIBLE AND ABANDONED THE WHEELHOUSE TO PULL THE TWO YOUNG WOMEN TO SAFETY!



THE CRUISE SHIP LOOMED LARGER AND LARGER AS IT BORE DOWN ON THE SCENE LIKE A GIANT HARBINGER OF DOOM!



WITH THE GRATEFUL WOMEN ON BOARD, OFFICER PRIMMER SCAMPERED BACK TO THE WHEELHOUSE AND THREW THE PILOT BOAT INTO REVERSE AND GUNNED IT, BACKING OUT OF THE PATH OF THE CRUISE SHIP AND DANGER!



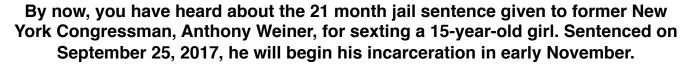
FOR HIS ACTION THAT DAY, DEPUTY TANER PRIMMER RECENSED THE PRESTIGIOUS NLEOMF OFFICER OF THE MONTH AWARD FOR SEPTEMBER 2017.



## SEXTING

Are you training to prevent it?

John G. Peters, Jr., Ph.D., CTC, CLS ©2017. A.R.R.



exting, or textual harassment, generally involves the sending or receiving of sexually explicit text messages, photos, video, social network messages, E-mails, etc., which can lead to a sexually charged workplace, cyberbullying, embarrassment, and almost always gets the sender in trouble. Even when the sexting is between two consenting persons, it can violate criminal statutes and/or employer policy.

#### **Sexting Statistics**

In an online survey (N=1280), 39% of teenagers between the ages of 13 and 19 reported they have sent a sext message. The frequency is higher for young adults between the ages of 20 and 26, where 50% of the respondents reported having sent a sext message. Messages were sent by both men and women -62% and 56%, respectively. The percentage of young adults who reportedly had received a sext message was 64%.

In another online sexting study of adults (N=870), whose ages ranged from 18 to 92 (mean age was 35), 88% reported sexting at least once, with 82% reporting sexting within the past 12 months. While most respondents reported sexting a "partner" (74%) in what they described as a committed relationship, others reported the frequency of sexting in a casual relationship (43%) and in a cheating relationship (12%). Of those individuals who reported sexting, 96% of them endorsed its practice.

In another study conducted by Kinsey Institute researchers,

about 25% of adults who had received provocative photo messages shared them on average with three other people. In short, sexting appears to take place with great frequency among, and between, adults.

#### **LEOs Caught Sexting**

There have been several documented cases of LEOs who have been terminated, or have received serious discipline, after being caught sexting. In 2016, a Colorado officer reportedly sent and received more than 4000 sexting messages in three months. These messages included sending photographs of his genitals while receiving nude photos in return from one or more of the four women he was sexting while on duty. The sexting was reported to be consensual between the officer and the women. After it was discovered by investigators, the officer resigned from the agency.

A Georgia LEO was fired in 2016 for conduct unbecoming after he had videotaped himself during a sex act and then sent it to a woman while he was working. Similarly, in 2017, an Arizona 12 year veteran LEO used his department issued cellular telephone to exchange lewd photos while working. He was reportedly fired for engaging in sexual activity while on duty, for conduct unbecoming, and for neglect of duty.

In yet another misconduct incident, a Michigan LEO sent pictures of his genitals to a woman he had met on duty. The LEO received four days off as discipline for his unprofessional behavior.

#### **Update Agency Policy**

Following the United States Supreme Court (SCOTUS) decisions in *Oncale v. Sundowner Offshore Services, Inc.*, 118 S. Ct. 998 (1998), *Faragher v. City of Boca Raton*, 118 S. Ct. 2275 (1998), and *Burlington Industries v. Ellerth*, 118 S. Ct. 2257 (1998), numerous municipalities and/or law enforcement agencies drafted sexual harassment policies and trained employees on them. At times, the sexual harassment policy enacted by the municipality was at odds with the law enforcement agency policy, often discovered during sexual harassment litigation. Over time, many of these policies were not updated because they had been treated as a *project* and not an ongoing *process*.

If textual harassment, or sexting, has not been added to your agency's sexual harassment policy, time is of the essence. This important topic must be added to the policy, with employees

being told when such behavior is unacceptable (i.e., on duty, off duty, agency issued phone, etc.). The policy must include a *preservation of evidence* (e.g., nude photos, messages, etc.) provision, as well as a *preser-*

vation order (i.e., to keep and maintain potential evidence).

After updating the sexual harassment policy, administrators, supervisors and trainers must compare the municipality and the agency policy to make sure they are not at odds, or that one policy includes items not included in the other policy. After confirming both policies are in sync, LEOs must be trained on the updated policy.

#### **Update Agency Training**

Trainers must educate all employees about the updated policy, giving examples and definitions of sexting and textual harassment. Examples of sexting messages can be found on



the Internet, so learners can view explicit examples. Case studies about LEOs who were fired or disciplined for engaging in sexting or textual harassment can be discussed to help ensure everyone understands what are considered prohibited behaviors, per policy.

To determine if learners understand the training, competency-based written tests must be given to assess leaner knowledge. Written tests play a very important role in helping to defend municipalities which are engaged in litigation and help trainers identify weaknesses in their training program. The use of scenario-based training also serves as a litigation buffer when used appropriately and in conjunction with cognitive testing.

#### **Unwritten Ground Rules**

An often overlooked (yet important) part of any policy and training program is to identify the official organizational culture and the organizational subculture. Organizational culture is the collective beliefs, expectations and values which are learned and shared based on the mission of the organization. In contrast, subculture focuses on the attitudes and values which shape LEO's behavior and include Unwritten Ground Rules (UGR).

When UGRs are examined, the "actual" culture of the organization and/or unit is identified. All of us have experienced UGRs at some point in our career. For example, an experienced LEO or supervisor says, "Don't worry about the harassment policy. You're safe. No one will come after you. If you get any good photos, let me see them, too."

#### **UGRs Can Require Training Update**

If administrators, supervisors and/or trainers identify a disconnect between what LEOs were taught about sexting and

UGRs which appear to subvert the training, trainers must revise and update the training. For example, in one large law enforce-**ONLINE TRAINING** FOR POLICE SUPERVISORS MAKE YOUR DEPARTMENT BETTER We provide services that too many administrators ignore – until it is too late. It is imperative that every police supervisor gain all the help they can get to help them to be successful. **Our Program Includes:**  Role and Duties of a Police Supervisor. Management Styles and Theories, **Decision Making and Risk Management** Leadership Skills Documentation Motivation & Morale Delegation and so much more. IT'S TIME TO TAKE CHARGE OF YOUR CAREER! POLICE MANAGEMENT SERVICES, LLC For more information, or to register, visit www.policemanagement.com

Circle 6057 for More Information

ment agency, when body-worn cameras were being tested by two hundred officers, a review of camera footage showed LEOs were using inappropriate language, even though they had been trained to watch what they said while wearing cameras.

Listening to the LEO's language and watching their behaviors, the agency's body-worn camera supervisor stopped the pilot program and required each LEO to undergo remedial training. During the training, select video footage was shown to illustrate the subculture behaviors of LEOs. Policy and training were reviewed with each LEO before continuing with the study. The remedial training had worked, as agency trainers were able to realign LEOs to embrace the body-worn camera policy, training and expected behaviors. The success of the pilot program enabled the adoption of cameras for each patrol officer.

#### Summarv

Sexting, or textual harassment, has become an accepted activity of many people, including LEOs. Through updated sexual harassment policy and training, LEOs must be taught when this behavior is unacceptable, when it is illegal and when they can expect to be disciplined. The range of discipline may range from immediate termination to counseling. If criminal statutes are violated, the guilty LEO may end up being sent to jail, comparable to Anthony Weiner.

John G. Peters, Jr., Ph.D., CTC, CLS serves as president of the internationally recognized training firm. Institute for the Prevention of In-custody Deaths, Inc., and serves as a consultant and expert witness through his consulting firm, John G. Peters, Jr. & Associates. A former law enforcement administrator and officer, Dr. Peters has conducted research on the frequency of sexual harassment behaviors in law enforcement agencies, and is a frequent contributor to Police and Security News.



## ECHNOLOGY



#### Adamson Industries 2017-18 Fleet Manager **Buyer's Guide**

The 2017-18 Guide is a full color catalog of the latest emergency vehicle equipment and public safety products. Developed exclusively with the fleet manager in mind, the Guide is packed with useful tips and premium products at quality pricing. Now available in electronic format only, the Guide features a complete line of products from auxiliary lighting and emergency lightbars to prisoner transport solutions, and more.

Circle 6059 for More Information



#### **VISTA XLT™ Body-Worn Camera System**

The VISTA XLT from WatchGuard Video is a highly versatile two-piece body-worn camera system with amazingly small, lightweight, interchangeable head and body-mounted HD cameras which allow officers to adapt to changing assignments and uniform types. The two-piece design puts the lens, microphone and record button on the cameras, while the DVR is securely attached to the officer's duty belt.

Circle 6060 for More Information

#### **40mm Blunt Impact Gel Rounds**

Defense Technology® recently announced the release of its 40mm Blunt Impact Projectile (BIP) Collapsible Gel Rounds. The newest addition to existing "point-of-aim, point-of-impact" less-lethal solutions, the 40mm BIP Collapsible Gel Rounds' collapsible gel nose technology enables the projectile to engage the target with higher kinetic energy across the operational range, while remaining less lethal at the minimum engagement range.

The projectile incorporates a rifling collar which engages the barrel rifling in the 40mm launcher for spin stabilization. The 40mm BIP projectiles have payload options of OC, CS, inert powder, marking liquid, or marking powder. The colored marking liquid or powder identifies targets for apprehension with a temporary mark and remains on skin and clothing for up to 24 hours.



Circle 6061 for More Information

#### **Ultralight Binocular Night Vision Device** with Single Gain Control



Night Vision Device's (NVD) UL-BNVD-SG binocular is the most lightweight (475g), logistically sustainable and technically compliant night vision system in the industry. Developed specifically for special operations and federal/state/local law enforcement tactical end use, the unit provides all standard MIL-SPEC features of traditional night vision binoculars, along with several exclusive advantages.

The UL-BNVD-SG is a military-grade, image intensified, dual tube binocular which can be operated in helmet mounted, head mounted or handheld configurations. As a true collimated binocular system, the system provides better overall depth perception which results in improved situational awareness during missions where end users must survey an area or traverse rugged terrain. The UL-BN-**VD-SG** improves the user's judgment

of distance and maneuverability so that tasks such as driving a vehicle or traversing through rocky terrain or wooded areas are improved.

Additionally. NVD also manufactures the standard UL-BNVD (without gain-control) at an even greater reduced weight in comparison. Their **UL-BNVD** comes standard with the same full diopters and IR capabilities as the UL-BNVD-SG, but does so at a greater weight reduction of 460g. The system provides all of the same functionality as the SG variant.

NVD's side stowage feature, or TACTICAL Monocular Cutoff, provides another operational feature with regards to when either side is side-stowed past a 45 degree angle. The power automatically shuts off to prevent image intensified light from "splashing" back on the end user's helmet, potentially exposing their position. Once either channel hits a 45 degree angle on its rotation, the goggle on that side immediately cuts power while the other side is still covering the user's eye. The user will still be able to perceive the intensified image via the deployed channel. This feature was implemented to help end users remain as clandestine as possible. Like all other NVD products, the UL-BNVD-SG features their best in the business ten year warrantv.

**Circle 6062 for More Information** 

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## BUSTED!

#### James L. McClinton, Ph.D

Those beers aren't going to rescue themselves... In Sioux Falls. South Dakota, several people were treated for smoke inhalation at an apartment building fire. While firefighters battled the fire, a man ran back into the building. He wasn't trying to save a child or even a pet. "It is not advisable to push past [first responders] in an attempt to 'save your beer," " the Sioux Falls Police tweeted. Police said that, when the 56-vear-old man ran back out of the burning building, he was carrying two cans of Bud Ice beer. He was arrested, charged with obstruction and - with a measured blood alcohol level of .082 percent - violating a court ordered sobriety program. (Wouldn't the beer have been rather warm at that point?)

A hands-on, practical experience is always the best way to end police training... A number of police officers converged on Mission Valley, California, for a two week specialized narcotics training course. After a busy day of training, three of the officers were relaxing in the hot tub at their hotel when a man approached and struck up a conversation. He asked them the reason for their stay and one of the officers jokingly said that their crack lab had blown up. The man then replied that he was in the drug business, too. In the ensuing conversation, the officers arranged to purchase cocaine and LSD from the man in a sting operation. He later made good on his word and delivered the goods. The man was arrested and charged. (Well, he certainly got himself into hot water on that day.)

Sometimes, it really sucks to be an "Internet Sensation"... In Jacksonville, Florida, a man who was brazenly flashing money live on the Internet was suddenly surprised by police officers who barged in and arrested him for allegedly selling drugs. The Jacksonville Sheriff's Office said the 22-year-old man went on Facebook Live to show friends a handful of money, saying, "It don't stop, man, it don't stop." He then retrieved more money from another room and started shuffling it when he heard Jacksonville officers warning over a loud-

#### **REAL STORIES OF GENUINE ABSURDITY**



#### I just learned where Grandpa got his lowrider golf cart...

In Florida, a SWAT team from the Sumter County Sheriff's Department raided The Villages retirement community in the sprawling complex near Ocala, uncovering what they believe is a golf cart chopshop operation, along with illegal drugs. Souped-up golf carts are a popular way to get around in the community which is home to more than 150,000 people. Windshields, seat cushions, wheels, and tires were found in the garage, along with drugs "in plain sight" in the home, a deputy said. (So, retirement might not be so boring after all!)

speaker that they were about to raid the house. The stunned man ran out of the room, but officers burst in and arrested him. He now faces numerous drug charges and was jailed on \$425,000 bail. (Karma doesn't stop either, man.)

He should have worked there a few days longer to learn where the security cameras were located... In New Jersey, a security officer at a cash vault and armored car company has been accused of stealing \$100,000 from the business on his first day of work, Fairfield police reported. The 19-year-old accused, who worked for Garda, was arrested after the theft was captured by company surveillance cameras, according to township police. Security officers reportedly found \$85,900 in a vehicle parked in Elizabeth before police were alerted, the chief added. There was no definitive conclusion of what happened to the remaining stolen money. (His first day on the job and they left him alone with \$100.000?)

Just when you thought it was safe to go back in the water... In North Carolina, the Surf City Police Department pulled over a 20-year-old man and asked him to exit his vehicle. They then spotted what appeared to be illegal drugs inside the car. Police said the man ran into the ocean and started swimming out to sea. Officers then deployed a camera drone to track the swimming suspect which managed to keep pace with him for about an hour before losing visual contact. The drone video showed a shark swimming near the man at one point. Fortunately, the situation did not spiral into a scene from the movie Jaws. The Coast Guard, the Surf City Fire Department, the North Topsail Police Department, and other agencies joined the search and the suspect was eventually located in North Topsail Beach. He was jailed and arrested on multiple drug charges. (Most criminals try to escape to Mexico: he was trying to swim to England.) P&SN



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