



# Command Demo

Version 14



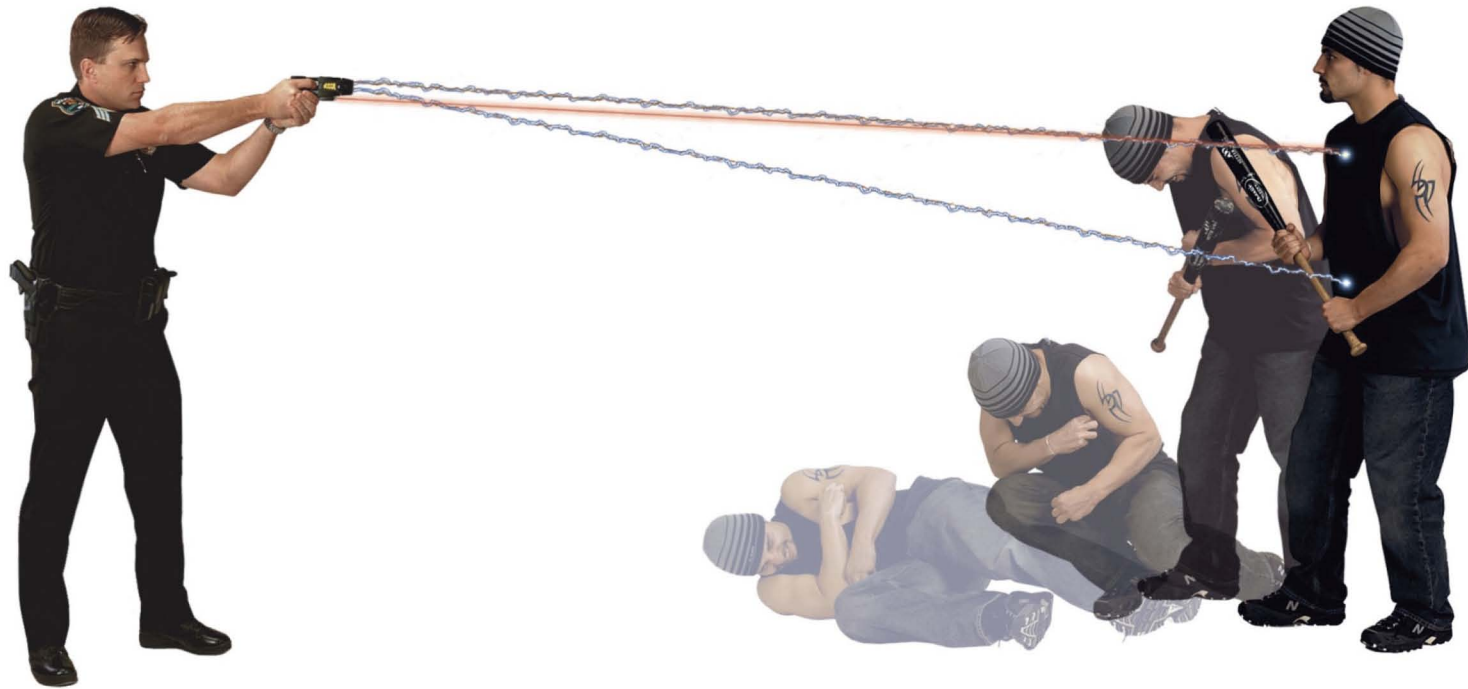
TASER

# ***What is a TASER?***

- *A device that utilizes electricity to completely incapacitate an individual*
- *The most effective non-lethal device used by law enforcement to date*
- *It is not a firearm*
- *Very low risk of injury*



**TASER**



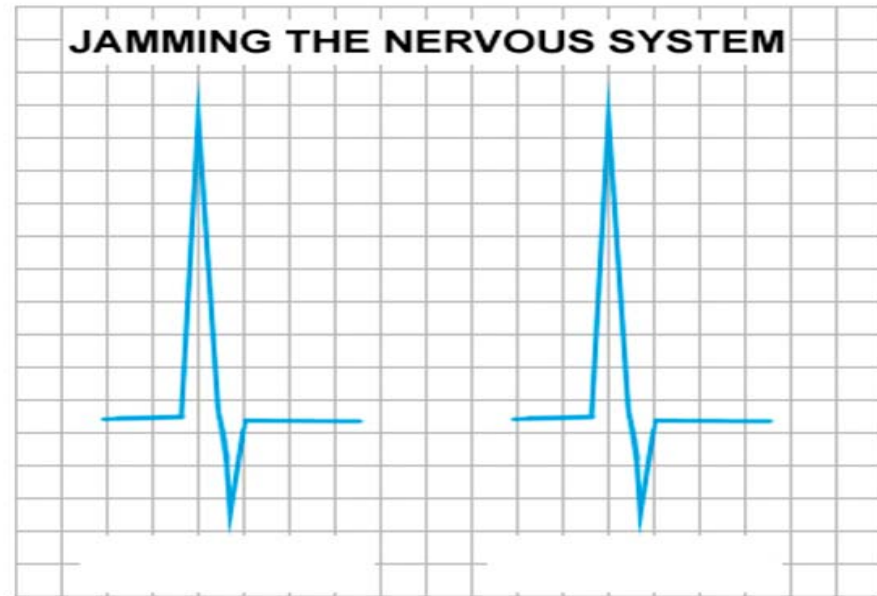
**Electronic Control Devices** use propelled wires to conduct energy that affects the sensory and motor functions of the central nervous system.

**The TASER X26 and ADVANCED TASER M26 non-lethals** are conducted energy weapons manufactured by TASER International, Inc. in Scottsdale, Arizona.



# Technology

- *The human nervous system communicates with simple electrical impulses*
- *The TASER technology uses similar electrical impulses called TASER-Waves*



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# TASER X26



Stainless Steel  
Serial No. Plate

Illumination  
Selector

Safety

DPM Release  
Button

High Visibility Sights

Air Cartridge

TASER Wire

Probes



Trigger

Stainless Steel  
Shock Plates

Enhanced Grip  
Zones

Blast Doors

LIL: Low Intensity Lights (LEDs)

AFIDs

Laser Sight

DPM: Digital  
Power Magazine



# TASER

# ***X26: Central Information Display (CID)***

- *0-99% battery level*
  - *Safety up*
- *5,4,3,2,1 countdown*
  - *Triggered*
- *Illumination status*
  - *Light selector button*
- *System diagnostics*
  - *When DPM Loaded*
    1. *Warranty expiration date: YR, MO & Day flash*
    2. *Current date & time: YR, MO, Day, 24 HR & MN flash*
    3. *Current Celsius internal temperature*
    4. *Software revision level*



**TASER**

# Digital Power Magazine

- ***10-year shelf life***
- ***Lithium energy cells***
- ***Provides up to 195 cycles***
- ***Allows for field updates and reprogramming of the TASER X26 device***



# Cartridges



TASER



# *Reversible Loading*



(Click on image above to start video. Click once to pause.)

# *Dataport -Connection Kits Sold Separately*



- X26 USB Dataport
  - Time, date, duration, temp, battery status of each discharge (1,500)
  - Encrypted data files
  - USB plug & play



# Download: X26

TASER X26 Download



## X26 DATAPORT DOWNLOAD

Serial Number of X26	XCE-000056	Model #	X26
Date of Download	04/04/07 09:05:29		
Local Times Calculated for	US Mountain Standard Time		
Date Range Downloaded	All Data		
Current PC Time (Local)	04/04/07 09:06:22		
Current X26 Time (Local)	04/04/07 09:06:18		
Time Difference	00 Hours 00 Minutes 04 Seconds		

## RECORDED FIRING DATA

SEQ#	GMT Time	Local Time	Duration [Secs]	Temperature [deg. C]	Battery [%]	
0003	11/30/99 00:01:11	11/29/99 17:01:11	1	21	99	▲
0006	07/06/06 16:47:59	07/06/06 09:47:59	1	21	98	▼

## TIME CHANGE RECORD

SEQ#	GMT TIME	Local Time	Change Type	
0001	05/22/06 20:41:45	05/22/06 13:41:45	FROM	▲
0002	05/22/06 20:41:44	05/22/06 13:41:44	TO	▼

# TASER™ Cam

*Audio Visual Accountability*



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# EFFECTIVE TARGET ZONES



SPRAYS



TASER  
X26



FIREARMS

TASER

# *Arcing Through Clothing*

# Agency Statistics



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# Phoenix PD Field Results

## First Top 10 City to Deploy to All Patrol

(1500 Devices)

**Suspect Injuries**

67%

**Officer Involved Shootings**

54%



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# *Cincinnati PD Field Results*

*1,050 TASER X26 device's Deployed 01/04.*

6 month results

Officer Injuries

Suspect Injuries

Officer Assaults

Citizen Complaints

Other Use of Force



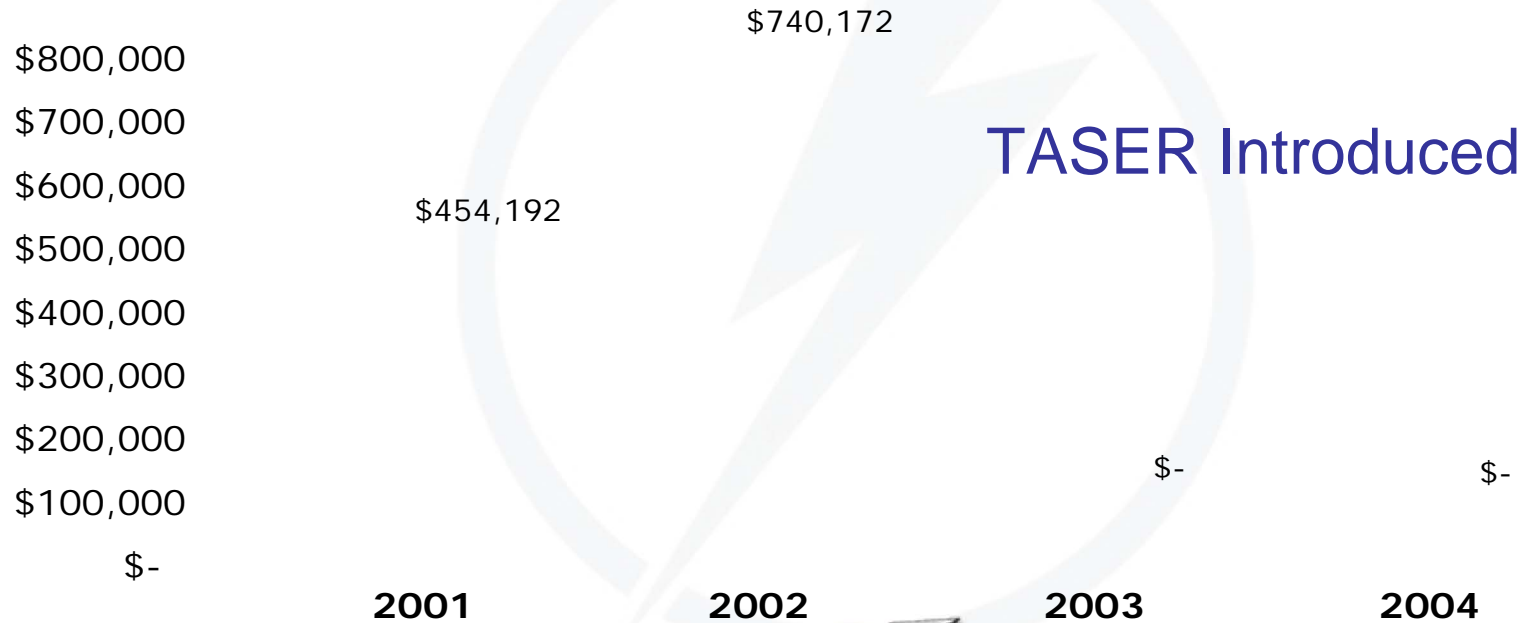
**TASER**

for 2

years

(through Sept 17, 2004)

# Granite City, IL Police Dept Worker's Comp Expense



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# Medical Information



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Numerous medical and police studies have shown that TASER systems dramatically reduce injuries to both officers and suspects, and the use of TASER technology is proven to reduce the number of police shootings and use of lethal force.



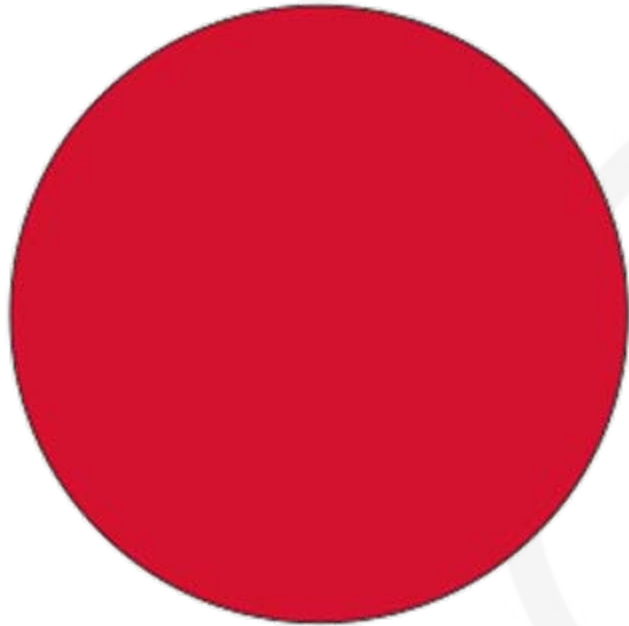


- **Van De Graaff Generator**  
**1-20 Million Volts**
- **Static Discharge - Door Knob**  
**35,000 to 100,000 Volts**
- **TASER:**
  - **50,000 Volts**
  - “ **It’s not the volts that are dangerous,  
it’s the amperes”**”



**TASER**

# ***TASER: Low Current***



**110 V Wall  
Outlet:  
16 Amps**



**Christmas  
Tree Bulb:  
1 Amp**



**TASER  
Output:  
0.0036 Amp**



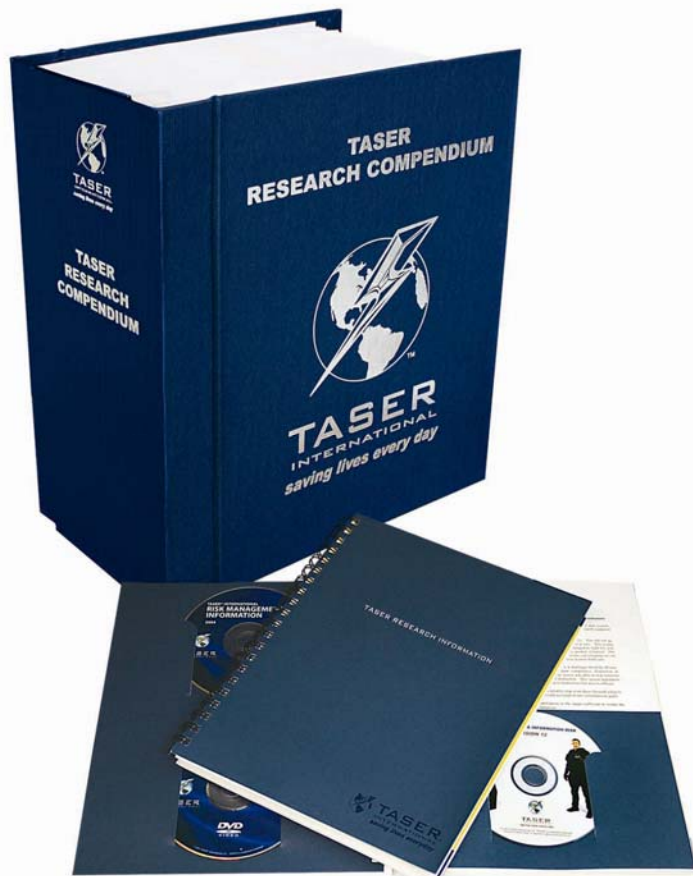
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- *The TASER devices are among the most extensively researched and studied non-lethal technologies.*
- *Medical experts studying TASER system have found it to be one of the safest use-of-force options.*
- *Various boards of medical experts as well as studies in the United States, United Kingdom, Switzerland, Canada, Australia and other nations, confirm the life-saving value and safety of TASER technology.*



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# 1,300+ Pages of Medical & Field Research Completed



- U.S. Dept of Defense
- UK Home Office
- Canadian Government
  - CPRC
  - BC Complaints Commission
- Alfred Hospital, Australia
- Potomac Policy Institute
- Journal of Pacing and Clinical Electrophysiology (PACE)
- Orange County Task Force
- Cincinnati Police Department
- Madison, WI Police
- Wisconsin Dept. of Justice
- Georgia Assn of Chiefs of Police
- IACP 9 Step Strategy for Effective Deployment
- University of San Diego
- Dr. Jeffrey Ho ICD Study



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# *Who uses the TASER?*

- *11,000 Law enforcement agencies worldwide*
- *3,500 Full deployment*



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- *It is estimated that TASER devices have prevented death or serious injury in over 10,000 cases*



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# *Why the TASER?*

- *Proven through history (since 1993)*
- *Proven through testing (Over 100 studies)*
- *Proven through numbers (Over 200,000)*
- *Proven through performance (94.3%)*



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# ***Future Weapons***

# *Future Weapons*

- *Both XREP and SHOCKWAVE™ are scheduled for release in 2008*



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***Are there any  
questions?***



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