

Master Instructor Don Gulla

- King County Sheriff's Office 23 yrs
- Master Instructor Since 2000
- Dept Taser Coordinator
- Assigned to SWAT/Firearms/DT
- Currently 450 Tasers Issued
- 90 % X-26 10 % M-26
- 2006 175 Taser Deployments
- Down from 362 Deployments in 2004

Purpose of Training

To provide overview of a new more effective technique of Cartridge On Drive Stun Technique which will:

- Improve NMI
- Reduce number of applications
- Gains compliance or control sooner
- Leaves less signature marks
- Improves Officer/Subject Safety

Angled Drive Stun

King Co Sheriff's Office has only paid out on one Taser Use:

- Media Driven-Made Local News
- •M-26 Cartridge Off Drive Stuns
- Deputies were 100% within policy
- •Did what they were trained to do

Angled Drive Stun

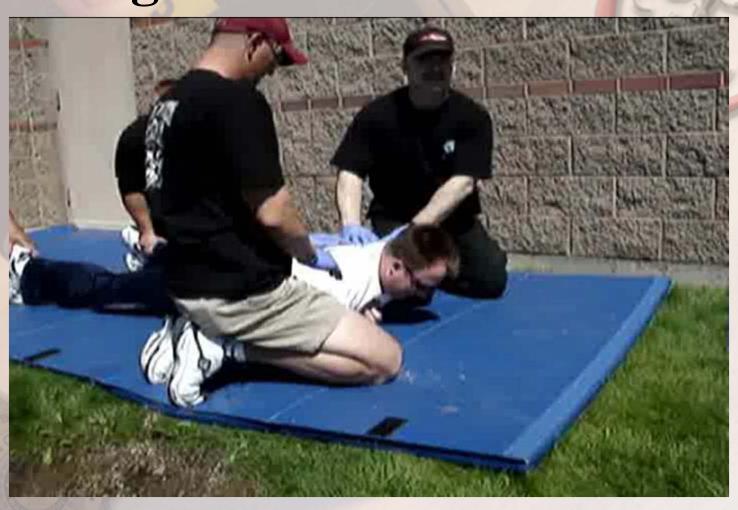
During training I noted that 70% of Cartridge On Drive Stuns (CODS):

- Did not induce NMI
- Current flow would be either to
 - 2 Probe Location or
 - **End of Cartridge Location**
- •Student Could Continue to Struggle, Could Roll, Grab at Probes or Move Away from the Drive Stun

History – During Demo of CODS

- •Trying to hold down a struggling student I accidentally angled the cartridge's end and
- Student locked up with NMI
- After looking at the video I could see
- NMI occurred when cartridge was angled
- •Tested on Target To see effect

Angled Drive Stun Demo



Tested ADS for a year during classes

- •Noted Signature Marks during test to check flow patterns
- •Currently ADS is taught to all King County
 Sheriff's Office Deputies during
 Recert, User and Instructor Classes
- •Taser User Reports verify ADS increased NMI and Successful Taser Uses

How to tell when ADS is needed during Cartridge On – Drive Stun

- •Lower or Upper Body continues to move during deployment
- Head movement and ability to talk
- •Reaching for or grabbing at Taser/Probes Location
- •If prone starting to get up off the ground
- Obviously no signs of NMI

Cartridge On – Angled Drive Stun

- •Deploy Cartridge On-Drive Stun in normal manner
- Move Cartridge End to a flat area of body if possible
- Rock to Top Right or Lower Left

Training Video- Angled Drive Stun



Video of Target Training



Taser Targets Demo of ADS

- •Taser Target with cardboard backing (to protect floor)
- Start with room lights on
- Deploy Cartridge direct contact or about 2 inches from target Turning X-26 Taser to OO

Can see arcing better with Laser and Low Light turned off

Taser Targets Demo of ADS

- •Spark Taser for a couple seconds and note arcing
- Move Taser to next location and keep flat
- •Spark Taser for couple seconds and ask students where's the current flowing?
- •You'll most likely see arcing at Probe ends only or Cartridge end only
- •Next start a 5 second cycle with cartridge flat and rock it to Top Right and Lower Left

Taser Targets Demo of ADS

- •You'll note that arcing at some point with travel across target from probes to cartridge
- •Repeat at NMI Point Let students practice
- •Remember to turn Low Light and Laser back on

Questions?

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