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RE: Ciampi V. Palo Alto

Report: Analysis of a TASER CAM™ video and TASER X26 downloads.

Background: I have received copies of the police reports, car camera footage, TASER X26 download report and TASER cam videos from the event.

Analysis: I reviewed the TASER Cam video from V06-015525 and V06-015020, as well as, download reports from the TASER X 26 electronic control devices (ECDs) with serial numbers X00-292463 and X00-292417. Video footage from in-car cameras, scene photographs, as well as, the police reports was also reviewed. I have also reviewed Stutchman Forensic Laboratory's analysis of the taser videos dated August 14, 2008. Stutchman's results indicated that the taser recordings had been altered.

V06-011525 video displays properly and the recording is accurate for a TASER Cam.
V06-015020 video displays properly and the recording is accurate for a TASER Cam.

X00-292463 data download is displaying properly and is accurate for a TASER X26 ECD. X00-292417 data download is displaying properly and is accurate for a TASER X26 ECD.

Review of the actions of the suspect from the in-car video and the TASER cam video shows that TASER ECDs never made contact with the suspect to complete the electrical circuit. None of the videos depicted any Neuro Muscular Incapacitation (NMI) experienced by the suspect from the TASER X26 ECDs. Additionally, review of the photographs of the wires and probes from the ECD cartridges indicate that the cartridge probes never made contact with the subject.

For the NMI effect to be delivered to the target both probes have to be within 1 inch of the suspect in order to complete the electrical circuit with the suspect.

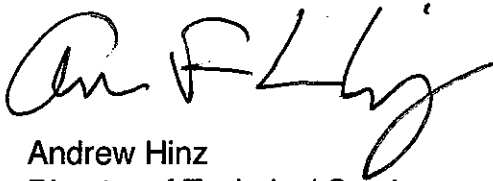
Background regarding TASER CAM Functions: The TASER CAM records approximately 1.5 hours of audio and video encoded using MPEG-4(black & white) at

10 frames per second in an avi format (320 x 240). The TASER CAM records the audio and video files in 10 -second segments.

An AVI is actually not a video format in and of itself - the AVI file is merely a wrapper or a "container" file (it holds video and audio information). For example, in the TASER CAM video frames are encoded in MPEG4, and the audio is encoded in G.711, and both of these encoded files are placed in an .AVI wrapper during the recording and stored to memory in the TASER CAM. The .AVI keeps the encoded video and audio files synchronized so they can be played together by the media player.

Therefore, the TASER CAM video is captured and encoded (compressed) - into an MPEG format which is wrapped in an AVI container before being recorded to the TASER CAM internal memory.

Summary: TASER Cam video from V06-015525 and V06-015020, as well as, the download reports from TASER X26 ECDs X00-292463 and X00-292417 were functioning within factory specifications for TASER X26 ECDs and TASER Cam video recording at the time of the event. There is absolutely no evidence to indicate editing or manipulation of the device data or video in question. Further, there is no evidence that Plaintiff did in fact receive the intended taser dart application.



Andrew Hinz
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TASER International