



Ohio Attorney General's Office
Bureau of Criminal Investigation
Investigative Report



2022-0498

Officer-Involved Critical Incident- 34 E. Fulton Ave., Columbus, 43215

Investigative Activity: BCI Cyber Crime Unit Analysis

Activity Date: 7/5/2022

Activity Location: BCI

Authoring Agent: SA John Butterworth

Narrative:

On Wednesday, July 06, 2022, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) John Butterworth (SA Butterworth) received an Ohio BCI Cyber Crime Unit report for item(s) of evidence submitted on July 5, 2022 for scientific analysis. The report was authored by Computer Forensic Specialist Jarrod Scott and was dated July 5, 2022. The items relevant to this report which had previously been submitted were as follows:

1. Evidence #2, Scene #1 Less lethal Fired Cartridge, wires, blast doors, AFIDS - Taser
2. Evidence #2, Scene #2 Less lethal Conducted Electrical Weapon – Taser X26P

SA Butterworth reviewed the cyber report and noted the following:

During analysis of the Taser X26P, CFE Specialist Scott noted that while downloading the saved information in the Taser X26P, there were errors where no dates and times have been recording of the events where the unit was being used and/or tested. At the time of the report, CFE Scott observed two 5 second discharges of the Taser but no date and time were recorded for those events. The Taser operated properly when spark tested by CFE Scott.

The fired cartridge, wires, blast doors, and ASFIDS were also examined by CFE Scott. The 4 AFIDS collected were found to have the same serial number as the cartridge. The probes have been removed from the 25-foot cartridge with serial number [REDACTED] as well.

A copy of the Ohio BCI Cyber Crime Unit report is attached to this investigative report. Please refer to the attachment for further details.



Ohio Attorney General's Office
Bureau of Criminal Investigation
Analysis Report



2022-0498
Officer Involved Critical Incident – 34 E. Fulton Ave., Columbus
43215 (L)

Investigative Activity: Taser Usage Review
Date of Activity: 07/05/2022
Author: Jarrod Scott

Summary:

On 07/01/2022, the Ohio Bureau of Criminal Investigation's (BCI) Cyber Crimes Unit (CCU) was requested by the BCI Special Investigations Unit (SIU) and the Franklin County Sheriff's Office to assist in the investigation of an officer involved incident on 03/07/2022, pursuant to signed consents, for an examination of a Taser weapon and cartridge.

Submitted Items:

Evidence #2, Scene #1 – Less-Lethal – Fired Cartridge, Wires, Blast Doors, AFIDS – TASER
Evidence #2, Scene #2 – Less-Lethal – Conducted Electrical Weapon – TASER X26P

Details:

The 25 foot cartridge with wires attached and 4 AFID tags was reviewed. The blast doors were also included.

The TASER Conducted Electrical Weapon (CEW) contains an Extended Performance Power Magazine (XPPM) with an unused 25 foot cartridge attached. The XPPM was removed from the CEW and a dataport adapter was inserted and connected to a forensic computer with the latest version of the TASER Evidence Sync software running in offline mode. **Note:** A download performed in offline mode will gather the event logs, but the pulse graph can be generated only when the device is downloaded with the software in online mode, which should be done by the owning agency or the device manufacturer. An offline download and sync was performed on the CEW. The XPPM was placed back into the CEW and spark tests were performed. The dataport adapter was used to perform a 2nd download and sync of the CEW. The XPPM was placed back into the CEW.

Findings:

Evidence #2, Scene #1 – TASER Cartridge, Wires, Blast Doors, AFIDS

The 25 ft. cartridge with serial number [REDACTED] has been fired. The wires are still attached

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to the cartridge, but the probes have been removed. The 4 AFIDS have the same serial number as the cartridge.

Evidence #2, Scene #2 – TASER X26P

The TASER X26P CEW has serial number [REDACTED] and firmware version 04.038. The Taser does not have a cartridge installed. The Taser does contain an unfired 25 ft. cartridge with serial number C4109E5AT in the XPPM.

Prior to this examination, the CEW log has 1162 events starting on 12/11/2013. The log lists the health of the device as “Major Error.”

During a download the CEW clock is automatically updated to the date and time from the computer that it is connected. The last recorded time sync prior to this examination was 02/11/2022. When the CEW was first downloaded by BCI the date/time was not being recorded by the device. The download report reflects this CEW has had this failure in that functionality since 2017.

Seq #	Local Time [DD:MM:YYYY hh:mm:ss]	Event [Event Type]	
1163	05 Jul 2022 11:33:04	Time Sync	Invalid Date/Time to 05 Jul 2022 11:33:04

The CEW log lists 2 trigger pulls after 02/11/2022, but due to the date/time not being recorded there is no means to identify when these events occurred. The length of each event is 5 seconds which is the normal duration for this device when the trigger is not held. Below are all of the events with no recorded date/time that occurred after 02/11/2022.

Seq #	Local Time [DD:MM:YYYY hh:mm:ss]	Event [Event Type]	Duration [Seconds]
1155	Invalid Date/Time	Armed	
1156	Invalid Date/Time	Trigger	5
1157	Invalid Date/Time	Safe	1
1158	Invalid Date/Time	Armed	
1159	Invalid Date/Time	Safe	1
1160	Invalid Date/Time	Armed	
1161	Invalid Date/Time	Trigger	5
1162	Invalid Date/Time	Safe	152

The spark tests that were performed after the initial download were observed visually and audibly to be in normal operation for this model of CEW. The spark test events were reflected accurately in the CEW report except for the missing date/time.

Conclusions:

The Taser Conducted Electrical Weapon was downloaded and spark tested. The download report lists the device as having a "Major Error." The TASER weapon has recorded two 5 second trigger pulls since 02/11/2022, but the CEW is not recording dates and times so there is no means to determine when the events occurred.

Attachments:

Attachment # 01: TASER_X26P_X13000NOT_offline_05 Jul 2022 115234

Please contact BCI CCU at 740-845-2418 if additional details or analysis are requested. A copy of the attachments will be retained by BCI CCU with the case file.