



*Massachusetts State Police*  
**Case Master Report 2021-IMT-131**

Date Initiated 11/11/2021

**Primary Information**

Agency: **Massachusetts State Police**  
Bureau: **Division of Homeland Security**  
Division: **Investigative Services 3**  
Unit: **IMAT**  
Squad: **UAV Squad**  
Lead LEO: **George, Michael A (msp2998 / UAV Squad / Massachusetts State Police)**  
Type Of Case: **UAV Mission**  
Case Sub Type: **Photo/Video Mission**  
Case Description: **Assist FBI EOD at EVOC with UAS mapping of X-Ray safe radius - 11/11/21**

**Case Status**

Case Status: **Closed**  
Case Status Date: **12/29/2021**  
Disposition Code: **Assist (No UCR Reportable Offenses)**  
Disposition Date: **12/29/2021**  
Dissemination: **System Wide**



Massachusetts State Police  
**ASSISTANCE RENDERED 2021-IMT-131**

Report Date: 11/11/2021

**Primary Information**

Description: **Assist FBI EOD at EVOC with UAS mapping of X-Ray safe radius - 11/11/21**  
Dissemination Code: **report respect the security of its associated case**  
Reporting LEO: **George, Michael A (msp2998 / UAV Squad / Massachusetts State Police)**  
Report Status: **Approved**  
Report Status Date: **12/29/2021**  
Approved By: **George, Michael A (msp2998 / Massachusetts State Police)**

**Synopsis**

**11-11-21 EVOC Ayer - training with FBI Boston EOD and MSP EOD (Bomb Squad) - using drone mapping to produce a scale diagram related to safe distances during activation of an EOD X-Ray device. This device is capable of producing injuries during activation and testing needed to be done on a closed course (No trainees at EVOC track due to Veterans Day Holiday).**

**EOD members measured the output with handheld detectors and placed orange buckets at the extents of the safe zones during half power and full power activations. Two UAS missions with a Phantom 4 drone were completed to visually capture the safe radius at each activation level.**

**The photos were processed in PIX4D. The scale orthomosaic photo was imported to IMS360 and a scale diagram with dimensions was plotted onto an informational word document that can be shared with first responders at incidents. FBI EOD member Ben Hicks reviewed the document and did not request any further modifications. See attached.**

**Respectfully,  
Lt M George #2998  
MSP DHS IMAT UAS**

**Address #1 - LOCATION OCCURRED #1 - 110 Fitchburg Rd**

**Primary Information**

Address: **110 Fitchburg Rd, AYER, MASSACHUSETTS 01432 UNITED STATES**