

Axon VR

Simulator Training: vRBT (Virtual Reality-Based Training)

Scenario: Trespasser with Handgun



FACILITATOR'S GUIDE

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SIMULATOR TRAINING: vRBT SCENARIOS

Simulator Training: vRBT provides scenarios with different subject behaviors. These differences change the narrative and how a subject responds to the trainee's actions. Trainers can randomize the scenarios with a playthrough to enhance replayability and prevent trainees from predicting the outcome based on prior experiences.

While the trainee's choices will determine final outcomes, the subject and scenario environment will vary.

For additional information about vRBT and facilitating scenarios, refer to the **vRBT Facilitator's Guide** available on the [VR training materials](#) page on [Axon Help](#).

VIEWING SCENARIO DETAILS ON TABLET

Trainers can view detailed information about each scenario on the tablet on the **vRBT Playlist** tab.






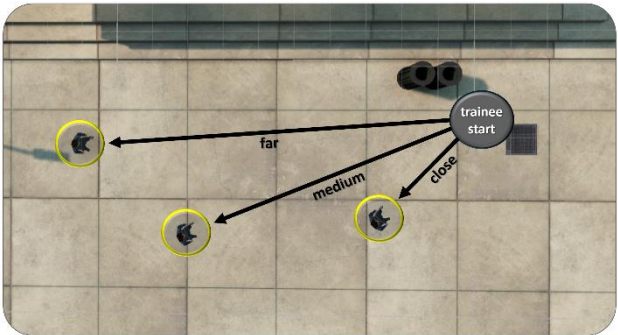
1. **Scenario Description:** Brief overview of the scenario,
2. **Virtual Officer:** Backup officer who may draw a weapon. The officer never moves or fires a weapon. This setting is off by default.
3. **Escalatory Behaviors:** Trainee actions that may cause a subject to escalate their behavior.
4. **De-Escalatory Behaviors:** Trainee actions that will help de-escalate the subject's behavior.
5. **Notes:** Any important information regarding the scenario's possible outcomes.
6. **Related Scenarios:** Each scenario includes multiple variations, which change key details like subject behavior, compliance levels, and the likelihood of force being required. The related scenarios listed here are the variations.
7. **Training Objectives:** Scenario-specific training objectives.
8. **Subject Info:** Descriptions of the possible subjects.
9. **Possible Subject Starting Point:** The distance between the subject and the trainee, based on the trainee's starting location.
10. **Subject's Prop:** Prop with the subject.
11. **Trainee Starting Location:** Location where trainees will enter (spawn) into the scenario at various locations within each environment.

TRESPASSER WITH HANDGUN SCENARIO

SCENARIO PREMISE: Officers are responding to a call for service involving a suspicious subject openly carrying a handgun.

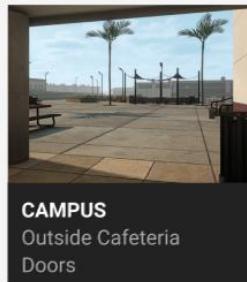
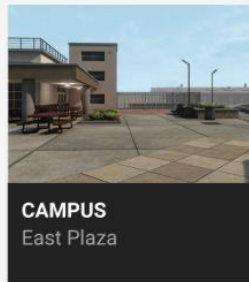
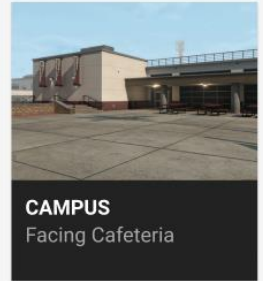
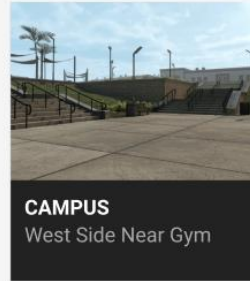
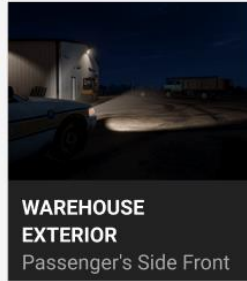
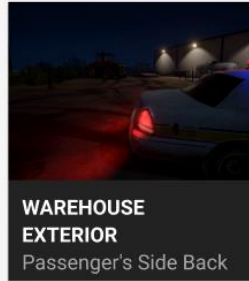
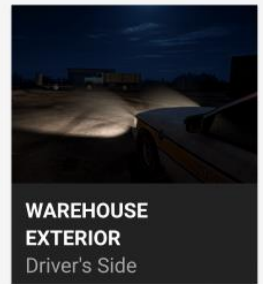
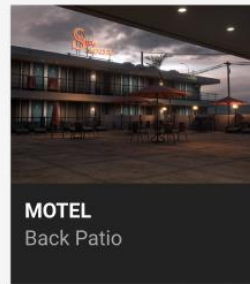
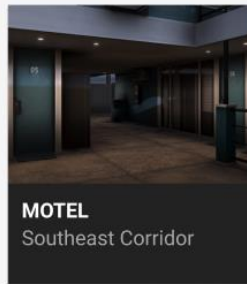
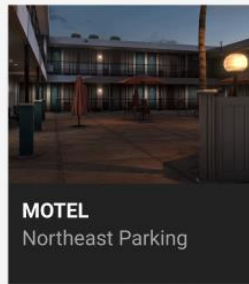
Three variations of this scenario are available, tailored to the subject's level of compliance or escalation:






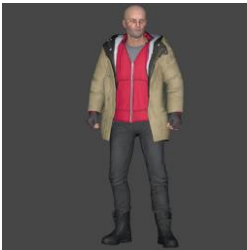
- [Quick Surrender](#)
- [Lethal Force Surrender](#)
- [Standoff](#)






<p>ENVIRONMENTS</p>	<p>University Campus</p> 	<p>This section of the college campus, exposed under bright sunlight through clear skies, features spacious courtyards, tall palm trees, multi-level walkways with wide staircases, and large classroom buildings on all sides.</p>
	<p>Motel</p> 	<p>The outdoor courtyard of the motel is softly illuminated by lamps and natural moonlight. Building structure, fences, and patio furniture, can be view-obscuring, but also provide opportunity for cover or concealment.</p>
	<p>Warehouse Exterior</p> 	<p>The darkness of night obscures much of the surrounding terrain outside of this warehouse on the side of Old Town Road. A patrol car provides cover and a safe place to observe any activity amongst the farm vehicles and equipment parked around the property.</p>
<p>TRAINEE & SUBJECT DISTANCE</p>	<p>The trainee will enter the scenario (spawn) at various distances from the subject:</p> <ul style="list-style-type: none"> • Close: 10–20 feet • Medium: 20–30 feet • Far: 40+ feet 	

TRAINEE STARTING LOCATIONS

Trainees will enter (spawn) into a scenario at various locations within each environment.



SUBJECT CHARACTERS	SUBJECT	DESCRIPTION	SCENARIO VARIATION
		<ul style="list-style-type: none"> • Physical description: Asian, adult male, short dark hair, six feet tall, medium build • Clothing: Green coat, black pants 	<ul style="list-style-type: none"> • Quick Surrender • Standoff
		<ul style="list-style-type: none"> • Physical description: Mixed-race, young adult male, six feet tall, heavysset build • Clothing: White ballcap, football jersey, blue jeans 	<ul style="list-style-type: none"> • Quick Surrender • Standoff
		<ul style="list-style-type: none"> • Physical description: African American, young adult male, six feet tall, slender build • Clothing: Knit cap, snow jacket, dark pants 	<ul style="list-style-type: none"> • Quick Surrender
		<ul style="list-style-type: none"> • Physical description: Caucasian, middle-aged male, shoulder-length brown hair, six feet tall, medium build • Clothing: Ballcap, green shirt, blue jeans 	<ul style="list-style-type: none"> • Quick Surrender • Lethal Force Surrender
		<ul style="list-style-type: none"> • Physical description: Hispanic, middle-aged female, short dark hair, five feet six inches tall, athletic build • Clothing: Green jacket, dark pants 	<ul style="list-style-type: none"> • Quick Surrender
		<ul style="list-style-type: none"> • Physical description: Caucasian, adult male, bald, six feet tall, medium build • Clothing: Heavy brown coat, dark pants 	<ul style="list-style-type: none"> • Lethal Force Surrender

SUBJECT CHARACTERS, CONT.		<ul style="list-style-type: none"> • Physical description: Caucasian, young adult female, short dusty blond hair, five feet six inches, medium build • Clothing: Heavy coat, blue denim shorts 	<ul style="list-style-type: none"> • Lethal Force Surrender
		<ul style="list-style-type: none"> • Physical description: Hispanic, young adult male, short black hair, six feet tall, slender build • Clothing: Black t-shirt, gray pants 	<ul style="list-style-type: none"> • Lethal Force Surrender
		<ul style="list-style-type: none"> • Physical description: Caucasian, young adult male, short brown hair, six feet tall, slender build • Clothing: Blue t-shirt, blue jeans 	<ul style="list-style-type: none"> • Lethal Force Surrender • Standoff
		<ul style="list-style-type: none"> • Physical description: Caucasian, middle-aged male, shoulder-length brown hair, six feet tall, medium build • Clothing: Blue denim jacket, pants 	<ul style="list-style-type: none"> • Standoff
		<ul style="list-style-type: none"> • Physical description: Asian, young adult female, short black hair, five foot six inches tall, slender build • Clothing: Black leather jacket, black pants 	<ul style="list-style-type: none"> • Standoff

SCENARIO VARIATIONS

QUICK SURRENDER

DESCRIPTION	<p>Officer called to investigate a suspicious individual with a gun. The individual is confused and searching for someone but will disarm on any show of force.</p>	
LEARNING OBJECTIVES	<ul style="list-style-type: none"> • Demonstrate best practices for tactical considerations according to agency policy when responding to situations involving a high-risk subject with limited time or space for reaction, while mitigating risks and effectively diffusing situations involving all parties on scene: <ul style="list-style-type: none"> ○ Legal authorization and communication: Verbal de-escalation or applicable show of force to de-escalate the situation ○ Scene management: Assess and manage position and movement within the time and space limitations; maximum use of cover to minimize exposure to potential threats • Describe best practices according to agency policy for determining and applying the appropriate use of force necessary to respond to a threat. <p>NOTE: Refer to the scenario assessment rubric in the Evaluation Procedure section at the end of this guide for additional details to help assess trainee performance against the learning objectives.</p>	
SUBJECT TYPE	<p>Suspicious person or armed suspect</p>	
SUBJECT COMPLIANCE	<p>High compliance</p>	
PROPS/WEAPONS	<p>Handgun</p>	
NOTES	<p>The subject is not aggressive. With a weapon pointed at them, the suspect will release their handgun and express intent to surrender.</p>	
SCENARIO OUTCOMES	<p>Escalatory behaviors</p> <ul style="list-style-type: none"> • Fire handgun • Deploy TASER energy weapon 	<p>De-escalatory behaviors</p> <ul style="list-style-type: none"> • Aim TASER energy weapon • Aim Handgun

LETHAL FORCE SURRENDER

DESCRIPTION	Officer called to investigate an armed individual with a gun on private property. The individual is distraught and searching for someone they know but will reluctantly disarm on show of lethal force.	
LEARNING OBJECTIVES	<ul style="list-style-type: none"> • Demonstrate best practices for tactical considerations according to agency policy when responding to situations involving a high-risk subject with limited time or space for reaction, while mitigating risks and effectively diffusing situations involving all parties on scene: <ul style="list-style-type: none"> ○ Legal authorization and communication: Verbal de-escalation or applicable show of force to de-escalate the situation ○ Scene management: Assess and manage position and movement within the time and space limitations; maximum use of cover to minimize exposure to potential threats • Describe best practices according to agency policy for determining and applying the appropriate use of force necessary to respond to a threat. <p>NOTE: Refer to the scenario assessment rubric in the Evaluation Procedure section at the end of this guide for additional details to help assess trainee performance against the learning objectives.</p>	
SUBJECT TYPE	Suspicious person or armed suspect	
SUBJECT COMPLIANCE	Mid compliance	
PROPS/WEAPONS	Handgun	
NOTES	The subject is not compliant and refuses to stand down. With weapon pointed at them, the suspect will release their handgun and express intent to surrender.	
SCENARIO OUTCOMES	Escalatory behaviors <ul style="list-style-type: none"> • Fire handgun • Deploy TASER energy weapon 	De-escalatory behaviors <ul style="list-style-type: none"> • Aim TASER energy weapon • Aim handgun

STANDOFF

DESCRIPTION	Officer called to investigate an armed individual with a gun trespassing on private property. The individual is distraught, and searching for someone they know, but won't disarm or cooperate with police.	
LEARNING OBJECTIVES	<ul style="list-style-type: none"> • Demonstrate best practices for tactical considerations according to agency policy when responding to situations involving a high-risk subject with limited time or space for reaction, while mitigating risks and effectively diffusing situations involving all parties on scene: <ul style="list-style-type: none"> ○ Scene management: Assess and manage position and movement within the time and space limitations; maximum use of cover to minimize exposure to potential threats ○ Threat management: Apply rapid decision-making with justification of judgment to assess and prioritize threats and determine the most suitable application of force (if any) • Describe best practices according to agency policy for determining and applying the appropriate use of force necessary to respond to a threat. <p>NOTE: Refer to the scenario assessment rubric in the Evaluation Procedure section at the end of this guide for additional details to help assess trainee performance against the learning objectives.</p>	
SUBJECT TYPE	Armed suspect	
SUBJECT COMPLIANCE	Low compliance	
PROPS/WEAPONS	Handgun	
NOTES	The subject is not aggressive. With prolonged show of lethal force, the suspect will release their handgun and express intent to surrender.	
SCENARIO OUTCOMES	Escalatory behaviors <ul style="list-style-type: none"> • Aim TASER energy weapon 	De-escalatory behaviors <ul style="list-style-type: none"> • Aim handgun

PLAYLISTS

Variations of this scenario are included in the following Axon playlists:

AXON PLAYLIST NAME	SCENARIOS & LEVEL OF COMPLIANCE OR ESCALATION
ACTIVE RESISTANCE 1	<ul style="list-style-type: none"> • Trespasser with Handgun – Lethal Force Surrender • Irate Phone Caller – Approach and Walk Away • Street Fighter – Approach and Attack • Burglar with Concealed Handgun – Show of Force Attack • Suspicious Person with Knife – Approach and Attack
ACTIVE RESISTANCE 2	<ul style="list-style-type: none"> • Trespasser with Handgun – Standoff • Irate Phone Caller – Approach and Attack • Suspicious Person with Knife – Disarm and Fight • Street Fighter – Approach and Attack • Burglar with Concealed Handgun – Standoff and Attack
ARMED SUBJECTS MIX 1	<ul style="list-style-type: none"> • Trespasser with Handgun – Quick Surrender • Trespasser with Handgun – Standoff • Burglar with Concealed Handgun – Show of Force Attack • Suspicious Person with Knife – Disarm and Standoff • Suspicious Person with Knife – Disarm and Fight
HIGH COMPLIANCE 1	<ul style="list-style-type: none"> • Trespasser with Handgun – Lethal Force Surrender • Irate Phone Caller – Walks Away • Burglar with Concealed Handgun – Flee or Surrender • Street Fighter – Show of Force Surrender • Suspicious Person with Knife – Disarm and Fight
HIGH COMPLIANCE 2	<ul style="list-style-type: none"> • Trespasser with Handgun – Lethal Force Surrender • Irate Phone Caller – Approach and Walk Away • Burglar with Concealed Handgun – Flee or Surrender • Street Fighter – Taunt and Leave • Suspicious Person with Knife – Disarm and Standoff

AXON PLAYLIST NAME	SCENARIOS & LEVEL OF COMPLIANCE OR ESCALATION
FORCE OPTION MIX 1	<ul style="list-style-type: none"> • Trespasser with Handgun – Lethal Force Surrender • Irate Phone Caller – Walks Away • Suspicious Person with Knife – Disarm and Standoff • Street Fighter – Approach and Attack • Burglar with Concealed Handgun – Show of Force Attack
FORCE OPTION MIX 2	<ul style="list-style-type: none"> • Trespasser with Handgun – Quick Surrender • Irate Phone Caller – Approach and Attack • Street Fighter – Show of Force Surrender • Burglar with Concealed Handgun – Standoff and Attack • Suspicious Person with Knife – Disarm and Fight
FORCE OPTION MIX 3	<ul style="list-style-type: none"> • Trespasser with Handgun – Standoff • Irate Phone Caller – Approach and Walk Away • Street Fighter – Taunt and Leave • Suspicious Person with Knife – Approach and Attack • Burglar with Concealed Handgun – Flee or Surrender
FORCE OPTION MIX 4	<ul style="list-style-type: none"> • Trespasser with Handgun – Lethal Force Surrender • Irate Phone Caller – Approach and Attack • Street Fighter – Show of Force Surrender • Suspicious Person with Knife – Approach and Attack • Burglar with Concealed Handgun – Standoff and Attack

For additional information about playlists, refer to the **vrBT Facilitator’s Guide** available on the [VR training materials](#) page on [Axon Help](#).

EVALUATION PROCEDURE

After the trainee completes the scenarios in a playlist in the headset, trainers should debrief with them to discuss their results and provide tips for improving their performance. Additionally, trainers should supplement this experience with agency resources, policies, best practices, and guidelines.

You can use the [Trainee Evaluation form](#) with the debriefing questions and [scenario assessment rubric](#) as a training record to record performance notes and track individual trainee evaluations. Simply print copies for each trainee.

TRAINER EVALUATION GUIDANCE

- Use the After-Action Report (AAR) and application of your agency policy to debrief with the trainee and discuss their results. Review accuracies and trainee decisions. [Debriefing questions](#) are available in this guide to assist you with this discussion.
- Ask the trainee to justify their actions. For example, perhaps the trainee did not use a weapon in response to a physical altercation; the trainee may have opted to go hands on with the subject if the vRBT application allowed.
- Use the [scenario assessment rubric](#) to assess trainee performance against the learning objectives.
- Consider the opportunity for the trainee to practice writing a report based on a scenario.

AGENCY RESOURCES

This training is best augmented with agency-specific resources. Axon does not make any recommendations on agency policies.

In alignment with agency policy, consider creating a supplemental guide (or use the space below to add agency-specific notes) to share with trainees that includes the local and state resources available that are specific to your agency and community, best practices, and agency-specific guidelines.

AGENCY-SPECIFIC NOTES

TRAINEE EVALUATION – SIMULATOR TRAINING: vRBT

TRAINEE NAME	ID	TYPE
		<input type="checkbox"/> Recruit <input type="checkbox"/> Officer

DEBRIEFING QUESTIONS

Ask the following debriefing questions to help evaluate trainee performance:

- What factors influenced your on-scene actions/decisions?
- What choices seemed the least effective in de-escalating the situation? Which were most effective?
- Did any of the consequences of certain choices come as a surprise? If so, which one(s)? Why?
- Would you change any of your choices after viewing the outcome of the scenario? What actions would you take?
- What is our agency’s use of force policy in responding to situations similar to this scenario?
- Did your actions conform to the law and policy? Articulate why.
- What subject behaviors were indicators of a threat?
- What indicators stood out to you that suggested the subject was likely not a threat? (Audible cues, environmental factors, immediate surroundings, body language, etc.)
- How do you think you performed in managing distance and utilizing cover options? What would you have done differently?
- How would you evaluate your verbal engagement with the subject? Are there ways you could have improved what you said?
- How would you assess your weapons manipulation skills during these scenarios? Are there specific areas you would like to work on (such as Draw Reps, etc.)?

AGENCY-SPECIFIC QUESTIONS

- .
- .
- .

SCENARIO ASSESSMENT RUBRIC

Use the assessment rubric below to help assess trainee performance against the learning objectives:

Observe the following passing trainee behaviors while they demonstrated best practices for tactical considerations according to agency policy when responding to situations involving a high-risk subject with limited time or space for reaction, while mitigating risks and effectively diffusing situations involving all parties on scene:

<input type="checkbox"/> Subject behavior identification	<p>The trainee recognized the following when identifying the subject's behavior:</p> <ul style="list-style-type: none"> • Body language • Emotional response • Physical responses • Potentially dangerous behavior
<input type="checkbox"/> Legal authorization and communication	<p>The trainee applied legal authorization and communication techniques according to agency policy:</p> <ul style="list-style-type: none"> • Identified themselves as an officer • Vocalized legal authority • Verbalized intent • Used clear and concise verbal commands • Tried to de-escalate the situation by calmly speaking to the subject and encouraging them to comply with instructions (throughout, if appropriate under the circumstances) • Followed proper radio procedures
<input type="checkbox"/> Scene management (position and movement)	<p>The trainee assessed and managed position and movement within the time and space limitations:</p> <ul style="list-style-type: none"> • Managed safe distance depending on the situation • Maintained 360^o situational awareness and proper positioning relative to threats • Described the impact of the environment (including terrain, structures, and available cover or concealment) • Executed their position and movements to maximize safety and minimize exposure to danger • Identified cover and potential impeding obstacles while assessing surroundings • Used available cover and/or concealment to minimize exposure to potential threats

<p><input type="checkbox"/> Threat management</p>	<p>The trainee applied rapid decision-making with justification of judgment to assess and prioritize threats and determine the most suitable application of force (if any):</p> <ul style="list-style-type: none"> • Evaluated the level of threat to the subject and all parties on-scene • Prioritized the threat • Prioritized officer safety and the safety of all parties on scene • Applied proper use of force • Articulated when to attempt de-escalation using a TASER VR Controller (in conjunction with verbal de-escalation commands, if applicable): <ul style="list-style-type: none"> ○ Issued a Warning Arc (TASER 7) ○ Issued a Warning Alert (TASER 10) ○ Re-energized the energy weapon • Articulated when their authority changed in a high intensity scene
<p><input type="checkbox"/> Equipment management</p>	<p>The trainee demonstrated TASER 7/TASER 10 VR Controller and Handgun VR Controller weapon proficiency, including proper targeting, accuracy, and transitioning between less-lethal and lethal use of force when appropriate:</p> <ul style="list-style-type: none"> • Demonstrated transitioning use of force when appropriate <ul style="list-style-type: none"> ○ Transitioned to a less-lethal use of force ○ Transitioned to a lethal use of force • Effectively deployed a TASER 7/TASER 10 VR Controller within the available preferred target areas on a moving subject in various positions at varying distances to achieve neuromuscular incapacitation (NMI) <ul style="list-style-type: none"> ○ Deployed the energy weapon at varying distances from the subject, considering a moving subject’s position and angle ○ Adjusted probe placement to achieve ideal attainment based on: <ul style="list-style-type: none"> ▪ Subject’s distance ▪ Subject’s body position/pose ▪ Any barrier(s) between the trainee and subject ○ Explained how attainment success is influenced by different variables <ul style="list-style-type: none"> ▪ Subject’s distance ▪ Subject’s body position/pose ▪ Any barrier(s) between trainee and subject ○ Achieved a minimum 12-inch probe spread within a moving subject’s available preferred target area ○ Achieved a good electrical connection with at least two connected probes with at least a 12-inch spread on the subject

Observe the following passing trainee behaviors when they deployed a TASER 7/TASER 10 VR Controller within the available preferred target areas on a moving subject in various positions at varying distances to achieve neuromuscular incapacitation (NMI)

☐ Safely and effectively deploy a TASER 7 or TASER 10 energy weapon

- The trainee demonstrated the following behaviors to safely and effectively deploy a TASER 7/TASER 10 energy weapon on a moving subject:
- Attempted verbal communication and de-escalation (throughout, if appropriate under the circumstances)
 - Assumed the “Field Interview” position
 - Hands above the waist
 - Positioned in a reactionary stance
 - Drew the energy weapon
 - Draw the energy weapon from the holster with one hand
 - Indexed their trigger finger along the side of the energy weapon
 - Placed the energy weapon in SUL position (or modified low ready)
 - Rotated the Safety to ARMED/UP (TASER 7) / rotated the Selector Switch up one click to ARMED/ON (TASER 10)
 - Gave proper commands to the subject
 - Presented the energy weapon
 - Issued a Warning Arc (TASER 7) / activated a Warning Alert (TASER 10)
 - Deployed the energy weapon
 - Pressed the trigger to deploy the first probe above the waistline
 - Pressed the trigger to deploy additional probe(s)
 - Achieved a minimum 12-inch probe spread within the target preferred area
 - Achieved NMI with at least two connected probes
 - Tilt selected another cartridge (TASER 7)
 - Observed the subject’s change in behavior to assess deployment and confirmed the threat was neutralized or mitigated
 - Re-energized the TASER 7/TASER 10 energy weapon from the SUL or low-ready position using either support hand or trigger finger (if applicable)
 - Pressed either Arc Switch momentarily to deliver another cycle of energy to both deployed cartridge bays for five seconds (TASER 7)
 - Rotated the Selector Switch up and release to re-energize another cycle of energy to the deployed connected probes for five seconds or deploy more probes (TASER 10)
 - Moved off the line and scan 360° to ensure no additional threats
 - Rotated the Safety to SAFE/DOWN (TASER 7) / rotated the Selector Switch down one click to OFF/DOWN (TASER 10)
 - Re-holstered the energy weapon

Observe the following passing trainee behaviors when they effectively fired a Handgun VR Controller on a threatening moving subject who was in various positions at varying distances to neutralize the threat

Safely and effectively fire a Handgun VR Controller

The trainee demonstrated the following behaviors to safely and effectively fire a Handgun VR Controller on a stationary subject:

- Attempted verbal communication and de-escalation (*throughout, if appropriate under the circumstances*)
- Assumed the “Field Interview” position
 - Hands above the waist
 - Handgun side bladed away from the subject
 - Weight evenly distributed (with strong side foot back)
 - Feet shoulder-width apart
- Drew the handgun
 - Ensured proper hand placement
 - Established a firm grip on the gun with dominant hand
 - Ensured trigger finger is outside the trigger guard and resting alongside the frame
 - Drew the Handgun VR Controller from the holster, maintaining control and a smooth motion
- Aimed the Handgun VR Controller at the subject, ensuring proper hand and body movement
 - Merged support hand with dominant hand
 - Punched the gun up to eye level with both hands
 - Assumed a proper shooting stance and position that allows for stability, accuracy, and quick target acquisition
- Fired the handgun by squeezing the trigger with one finger
- Fired the handgun at varying distances from the subject, considering the subject’s movements, position, and angle

Assess the trainee's responses to questions about best practices according to agency policy for determining and applying the appropriate use of force necessary to respond to a threat

Articulate agency best practices

- Considerations for applying the appropriate use of force
 - Level of threat and immediacy
 - Potential for escalation
- Reasons for use of force when deploying a weapon:
 - TASER 7 VR Controller
 - TASER 10 VR Controller
 - Handgun VR Controller
- When to transition use of force when appropriate
 - Transition to a less-lethal use of force
 - Transition to a lethal use of force
- How their use of force decision aligns with agency policy

TRAINER NOTES