WORKBOOK 9.3: ATTACK SCENARIOS AND SAFE DISTANCES EXERCISE

Purpose:	To plan a terrorist attack against a facility and determine minimum safe distances
Duration:	65 minutes (45-exercise; 20-debrief)
Group composition:	Table groups
Debrief:	Team presentations and large-group discussion

Note: This two-part exercise will enable you to apply your knowledge as a security manager to consider how a terrorist might plan an interior IED against your facility as well as determine what the safe distances might be for these different attack scenarios.

Part 1: Attack Scenarios

Directions:

1. Using your knowledge of IEDs and delivery methods, describe the type of IED you believe would be capable of reaching the interior of the classroom and causing the most damage and casualties.
2. Use the space provided in this document to describe your team's plan of attack. Your plan should include the following information:
   - A description of the type of IED you would use to carry out the attack, such as suicide bomber, letter bomb, or briefcase.
   - Include expected explosive weight.
   - You cannot use a vehicle-borne IED.
   - The delivery method you would use to reach the intended target and describe the IED container.
   - The tactics you would employ to avoid existing security countermeasures.
3. Work as a team and brief remaining team members from the exterior assignment.
4. Be prepared to present your findings to the class.

Description of the Device:

Delivery Method:

Tactics to Avoid Security Countermeasures:

Part 2: Determine Safe Distance

Directions:

1. For the designated facility, work with your team to determine the closest location that a vehicle bomb can approach the facility (critical location). Before making your determination, be sure to consider the facility's current security measures and the largest sized vehicle that can approach the facility given the emplaced security measures.
2. Use a measuring wheel to determine the distance between the critical location and the facility.
3. Use the charts that appear in **Addendum 9.3: Explosive Capacity and Distance Tables** to identify the largest vehicle size that can reach the critical location.
4. Reference the charts in **Addendum 9.3** to determine the minimum safe distances for:
   - Lethal air blast range
   - Minimum evacuation distance
   - Falling glass hazard
   - Building evacuation distance
5. Write your determinations and measurements in the spaces provided within this document. Compare the distances with your measurements.
6. Be prepared to share your answers with other members of your designated team that were completing the interior assignment.
7. Be prepared to conduct a briefing in order to share your findings with the rest of the class.

Critical Location:

Vehicle Size:	
Maximum Explosive Weight:	

Minimum Safe Distances:

Lethal air blast:	
Minimum evacuation distance:	
Falling glass hazard:	
Building evacuation distance:	