

Guidelines for Use of **TERMINATOR**

Instructor Lesson Plan

To be completed after viewing the Terminator User Training Video

Issue No. 3
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Student Lesson:

Before reading these guidelines, WATCH the Terminator User Training Video and READ your agency's Pursuit Policy.

⚠ WARNING

You or others can be killed or seriously injured if you don't follow safety messages.

Your safety and the safety of others is very important. We have provided many safety messages in this lesson plan. A safety message alerts you to potential hazards and instructs you on how to avoid or reduce the hazard. Each safety message is preceded by a safety alert symbol **⚠**. Please carefully read and follow these important messages.

I. INTRODUCTION

Terminator is one of a series of law enforcement tools that have been developed by StopTech, Ltd., to assist law enforcement agencies in stopping and preventing vehicle pursuits. In the course of this lesson, you will be instructed on methods of deployment for Terminator.

II. LEARNING OBJECTIVES

At the conclusion of this training, each participant should be able to:

1. Describe the basic construction of Terminator.
2. State, orally or in writing, the recommended surface for successful deployment of Terminator.
3. State, orally or in writing, the safety and tactical considerations when deciding to deploy Terminator.
4. State, orally or in writing, the type of vehicles Terminator should **NOT** be deployed against.
5. State, orally or in writing, the **MAXIMUM** speed at which Terminator may be deployed against a four (4) wheel passenger style vehicle.

Instructor's Notes:



Terminator

INSTRUCTIONS

Depending upon student participation, this lesson should take from **30 to 45 minutes** to complete.

Terminator User Training Video should be utilized in coordination with the Lesson Plan.

Be sure to properly address the information contained in each point of the **STUDENT LESSON PLAN**. The information that is printed on this portion of the **INSTRUCTOR'S LESSON PLAN** is meant to assist you in instructing your students.

On the **STUDENT LESSON PLAN** this portion is blank, and is intended for students to list their personal notes.

TRAINING AIDS

For every 3 students participating in your class, you should have at least one (1) Terminator.

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6. State, orally or in writing, the various methods of deployment.
7. Demonstrate the proper method for reloading Terminator.

III. OVERVIEW AND NOMENCLATURE

Terminator is 2 feet (61cm) in length and weighs 2 pounds (.91kg) Terminator is comprised of the following components and sub-assemblies:

1. Seven (7) black polypropylene SHROUDS, to allow easy handling and camouflage to the surface.
2. Seven (7) Teflon® coated hardened steel QUILLS; 3/8 inch (.95cm) in diameter and 2 inches (5.08cm) in length.
3. Seven (7) glass polypropylene CARTRIDGES, keyed for fail proof installation.
4. Twenty-four (24) inch (61cm) ABS plastic BASE.
5. Two (2) rollover END CAPS, facilitate proper deployment.
6. One (1) LOOP connector for attaching to cord reel or lanyard.
7. Two (2) Fastening SCREWS.
8. Accessories:
 - a. Reusable nylon SLEEVE.
 - b. CORD REEL with 80 feet (24m) of 150 pound (68kg) test, woven polyester line.
 - c. LANYARD with 5 foot (1.5m) cord.
9. Two WARNING LABELS appear on each Terminator. Be sure to READ AND FOLLOW all safety messages on-product and in this lesson! If you haven't seen these warnings before, turn to the last page of this lesson plan to read these important messages.

Instructor's Notes:

TRAINING AIDS (cont'd)

You will also need:

1. A STUDENT LESSON PLAN for each participant of the class.
2. Terminator User Training Video.
3. Copies of your department's or agency's pursuit policy – provide one copy for each student.

Optional items:

1. Dry erase or chalk board to draw examples of potential deployment circumstances.
2. An automobile for deployment demonstration purposes.
3. TV and VCR or DVD player.

As you address points 1 through 9, hold up a Terminator for all to see. Depending on the class size, pass around one or more Terminators for the students to handle for themselves.



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Student Lesson:

Instructor's Notes:

IV. DEPLOYMENT OF TERMINATOR

⚠ ALWAYS follow the policies and procedures of your Agency when deploying Terminator.

Terminator training materials are intended to supplement the formal Pursuit Policy of your agency. StopTech, Ltd. recommends that these “Guidelines For Use” be incorporated into your agency’s written Standard Operating Procedures (SOP). However, the training, policies, and procedures of your agency – including when and how to deploy Terminator – supersede any written or verbal instructions from StopTech, Ltd.

A. Before Deploying Terminator

Before deciding to deploy Terminator, many factors must be considered. The following are some important safety and tactical issues to think about.

Safety Considerations:

The circumstances of each pursuit are very different, but safety is always the most important factor. Suspects can abruptly swerve, stop, or otherwise maneuver their vehicle in an unexpected manner while attempting to avoid Terminator.

ALWAYS avoid deploying Terminator in locations or situations that limit the ability of the fleeing suspect to safely maneuver their vehicle. These situations can endanger you, other officers, the public, and the suspect.

The following warnings appear on every Terminator and should ALWAYS be kept in mind when using Terminator:



As you review the safety and tactical considerations for deploying Terminator, refer to your agency’s pursuit policy. Note any differences and instruct students to ALWAYS follow the policies and procedure of your agency.

StopTech Ltd., strongly encourages you to provide each student with a printed copy of your existing pursuit policy, while attending this training session.

Safety Considerations

This is good time during the training to talk about the important safety considerations in using Terminator.

Handle Terminator with caution.

Avoid deploying Terminator:

- in areas with heavy traffic.
- in populated areas or locations with pedestrians nearby.
- on vehicles with less than four wheels.

Following these precautions (i.e., limiting TRAFFIC and PEDESTRIANS) can reduce the likelihood of injuries – if a driver were to lose control of the vehicle and crash.

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Student Lesson:

Instructor's Notes:



DO NOT use on standard passenger vehicles traveling at a speed in excess of 25 mph (40 Km/h). **RAPID DEFLATION WILL OCCUR. Under some circumstances tire deflation can increase the possibility that a driver may lose control of the vehicle and crash, resulting in SERIOUS or FATAL INJURIES.**

NEVER deploy Terminator if you believe the location or circumstances of your pursuit make it unsafe to do so!

In addition to the product label warnings, ALWAYS keep the following important safety considerations in mind when using Terminator:

- ▲ **LIMIT TRAFFIC** on the roadway. Heavy or congested traffic increases the chance of an accident, resulting in injury or property damage. Whenever possible, limit or isolate traffic from the pursuit or location where Terminator is being deployed.
- ▲ **RESTRICT PEDESTRIANS.** Bystanders, observers and other pedestrians in the surrounding area are especially vulnerable to injury if they are struck by a vehicle. NEVER deploy Terminator with pedestrians in the immediate vicinity.
- ▲ NEVER use Terminator on vehicles with fewer than four wheels. Vehicles such as motorcycles and 3-wheeled ATVs are less stable and persons driving these vehicles are more likely to lose control when their tires deflate.
- ▲ To reduce the risk of serious or fatal injuries resulting from a vehicle crash Use **EXTREME CAUTION** when:
 - Pursuits reach **EXCESSIVE SPEEDS**; suspects have an increased risk of losing control of the vehicle if tires are deflated while driving at above normal highway speeds.
 - Fleeing suspects appear to be under the influence of **DRUGS** or **ALCOHOL** or similar impairments which may increase the risk of losing control of the vehicle.

DO NOT use on standard passenger vehicles traveling at a speed in excess of 25 mph (40 Km/h).

Discuss the types of vehicles that Terminator **CANNOT** be used against; specifically, any vehicle with less than four (4) wheels.

Only deploy Terminator when you have a safe location to observe the target vehicle

As a class, talk about different scenarios and the circumstances of pursuits that make it dangerous or inappropriate to deploy Terminator.







ASK: Who could be hurt? Why? What are the potential consequences of a suspect losing control of his vehicle?

To reduce the risk of serious or fatal injuries resulting from a vehicle crash, use **EXTREME CAUTION** when: pursuits reach Excessive Speeds and fleeing suspects appear to be under the influence of Drugs and Alcohol.

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Student Lesson:

-  CONSIDER that the driver may attempt to continue operating the target vehicle after deployment of Terminator. Vehicles with one or more deflated tires may still be operated. In this event, the driver may lose control of the vehicle while attempting to operate it with one or more deflated tires, potentially endangering you, pedestrians and other motorists.
-  ALWAYS move to a SAFE LOCATION after deploying Terminator. The cord reel has 80 ft. (24m) of cord to allow you to move as far as possible from the road so that you can avoid fleeing or pursuing vehicles.
-  NEVER wrap the cord around your hand or any portion of your body.
-  NEVER rush a deployment. Allow enough time to correctly deploy sleeved Terminator and retreat to a safe location. Rushed deployments can be dangerous and may fail to deflate the suspect's tires.
-  ALWAYS use caution when removing Terminator from the road. DO NOT enter the roadway if target and pursuing vehicles have not passed. Handle carefully, Terminator may break open exposing sharp spikes after being struck by a vehicle.
-  ONLY deploy Terminator when you have a safe location to observe the target vehicle. You could be struck if suspects unexpectedly swerve, stop, or lose control of their vehicle. You must be able to safely observe the target vehicle and other traffic.

Tactical Considerations:

Before deploying Terminator, you should consider the following:

1. Terminator may be deployed on paved surfaces, soft ground, gravel or sand surfaces.
2. Regardless of the method of deployment, consider deploying Terminator so that a suspect has limited ability to avoid striking the device.
 - Is it possible to deploy in the middle of a bridge?
 - What types of natural barriers or man-made obstacles would prevent suspects from avoiding Terminator?

Instructor's Notes:

Safety Considerations (cont'd)

Consider that the driver may attempt to continue operating the target vehicle after deployment of Terminator and the dangers this poses.

Be sure to stress choosing a location that allows for **OFFICER SAFETY** and **MANEUVERABILITY** after deploying Terminator, as well as the safety of bystanders, pedestrians and other motorists.

NEVER wrap the cord around your hand or any portion of your body.

NEVER rush a deployment.

ALWAYS use caution when removing Terminator from the road.

ONLY deploy Terminator when you have a safe location to observe the target vehicle.

Tactical Considerations:

Stress the importance of officer safety.

Considerations before deploying Terminator:

- type of deployment surface
- suspect has limited ability to avoid striking the device

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Student Lesson:

3. If deploying near an intersection, deploy Terminator just before entering the intersection on the road the target vehicle is traveling. Deploy before reaching any driveways or parking lots near the intersection. Deploying just after an intersection, driveway or parking lot allows the target vehicle to turn and avoid Terminator.

4. ONLY deploy Terminator after you have identified a SAFE LOCATION to observe the pursuit.

- What makes a good escape route or safe location?
- What are some safe locations to deploy Terminator on your current patrol?

⚠ ALWAYS move to a SAFE LOCATION after deploying Terminator. The cord reel has 80 ft. (24m) of cord to allow you to move as far as possible from the road so that you can avoid fleeing or pursuing vehicles.

B. Deploying Terminator

⚠ ALWAYS advise pursuing units when and where Terminator is being deployed.

Provide fellow officers with ample warning to avoid striking the device. Terminator is an equal opportunity tire deflator, it can not distinguish police tires from suspect tires.

There are two (2) suggested methods to deploy **Terminator**:
Stationary Placement and Tactical Tossing.

Stationary Placement - When a target vehicle is stationary, place Terminator at any of the following locations:

1. Place between the front and rear tires of the stationary target vehicle.
2. Place ahead of front tire or behind rear tire.

Tactical considerations for deploying multiple Terminators should be considered when the target vehicle may attempt to flee by forward or in reverse.

- In most circumstances the best tactical placement of the Terminator will be between the front and rear tires.
- Utilization of the lanyard allows the officer to retrieve the device without taking his/her eyes off the occupants of the vehicle.

Instructor's Notes:

Tactical Considerations (cont'd)

- deployment position at intersection
- identify safe location to observe pursuit
- what is the likelihood that the person approaching the target vehicle will see Terminator and how might the person react.
- after deploying Terminator, position yourself in a safe location away from the point of contact between the target vehicle and the deployed Terminator.
- always advise pursuing units when and where Terminator is being deployed

The question may arise about using STOP STICK in a stationary situation. Explain to the class that due to the different dynamics of a tire in motion versus a tire starting into motion STOP STICK and Terminator are constructed differently. STOP STICK is a slow deflation device – 20 to 30 seconds; Terminator will deflate a passenger vehicle tire in approximately 5 seconds.

The quills and tips of STOP STICK are oriented at approximately a 45 degree angle, whereas on a properly deployed Terminator the quills point straight up from the base of Terminator.

Stationary Placement of Terminator use EXTREME CAUTION with this method of deployment. Use only when vehicle is stationary.

This would be an appropriate time to demonstrate how the lanyard connects to Terminator as well as the proper positing of the lanyard ball in hand.

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Student Lesson:

Position yourself in a safe location, away from the point of contact between the target vehicle and the deployed Terminator.

Tactical Tossing – The Tactical Tossing method is used when the target vehicle cannot be safely approached.

1. Attach cord reel to loop connector on Terminator.
2. Unlock cord reel.
3. Toss Terminator into position between front and rear tires.
4. Lock cord reel.
 - a. If Terminator has been thrown past the vehicle tire, pull the Terminator into the correct position.
 - b. If Terminator lands short of target vehicle, retrieve and redeploy it.
5. **DO NOT** use the cord reel to “reel- in” Terminator. This action could cause the line to bind inside the cord reel, which could prevent the line from being properly dispensed.

Position yourself in a safe location, away from the point of contact between the target vehicle and the deployed Terminator.

 **ALWAYS** move to a **SAFE LOCATION** after deploying Terminator. The cord reel has 80 ft. (24m) of cord to allow you to move as far as possible from the road so that you can avoid fleeing or pursuing vehicles.

Instructor's Notes:

Tactical Consideration (cont'd)

DO NOT wrap the cord around any portion of your body.

PRIOR TO STEPPING BACKWARD, ENSURE IT IS SAFE TO DO SO.

When pulling Terminators into the path of the target vehicle, keep in mind that the violator may take evasive action to avoid striking Terminators. With that in mind, remember that Terminators **CANNOT** be “pushed” back over ground that they have already been “pulled” over.

Tactical Tossing of Terminator use **EXTREME CAUTION** with this method of deployment. Use only when target vehicle **CANNOT** be safely approached.

Ensure the cord line is not tangled or wrapped around any portion of your body at any time.

Always position yourself in a safe location, away from the point of contact between the target vehicle and the deployed Terminator.

IMPORTANT NOTE:

In reference to item “5,” as listed adjacent to this comment, be sure to emphasize the importance of not using the cord reel line like a fishing reel to retrieve a misdirected Terminator.

Whenever a cord reel is rewound for reuse, it should be done so with minimal tension on the line. This process reduces the opportunity for the line to become bound inside the cord reel as it is rewound.

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Student Lesson:

Instructor's Notes:

C. After Deploying Terminator

If Terminator **was struck** by any vehicle:

- refer to reload instructions included with each Terminator.
- contact StopTech, Ltd. at 513 202 5500 to order a Terminator Hit Kit if no replacement cartridges are available.

If Terminator **was not struck** by any vehicle:

- inspect Terminator for damage.
- return Terminator to your selected storage area for the next deployment situation.

V. CARE AND MAINTENANCE

With reasonable care, your Terminator will be ready to aid you in prevention or terminating a pursuit that creates a hazard to you and the public.

Follow these simple guidelines to ensure your Terminator is ready for use:

- Keep Terminator separate from other equipment to prevent inadvertent contact that could damage Terminator or other equipment.
- Store Terminator in a location that is easily accessible for rapid deployment.

VI. CONCLUSION

Terminator provides a viable alternative to extended vehicle pursuits that endanger you, the public, and the fleeing suspect.



Terminator Reload

This would be an appropriate time for the instructor to demonstrate how to disassemble, reload and reassemble Terminator; reference reload instructions.

ASK: Are there any questions?

Take a moment to answer any questions from the class.

After completing the lesson plan, have all participants go to a controlled area (i.e., parking lot, large room, etc.) to demonstrate their proficiency in safely deploying Terminator.

StopTech, Ltd., strongly encourages you to take this lesson plan along and ask students about the safety and tactical considerations as they practice!