

DAYTON POLICE DEPARTMENT
GENERAL ORDER
TIRE DEFLATION DEVICES

MATT M. CARPER – INTERIM DIRECTOR AND CHIEF OF POLICE

07/21

POLICY STATEMENT

It is the policy of this department to make decisions regarding vehicular pursuits with the primary goal of safety to innocent citizens, officers, and whenever possible, those attempting to flee. Tire deflation devices, when properly utilized, offer an alternative to a pursuit or of bringing about the safe resolution of police pursuits under controlled conditions.

I. STOP STICK™

Stop Stick is the brand name of tire-deflating devices designed to assist in stopping a fleeing vehicle or prior to attempting to stop a vehicle likely to flee. Only officers who have been trained in the use of Stop Stick devices are authorized to use them.

A. Use of Stop Stick devices

1. Whenever possible, obtain a supervisor's permission prior to use.
2. There are situations where it is prudent to disable a vehicle with the device before making a suspect aware of police presence and before a pursuit begins. Such use is likely to constitute a seizure so both state and federal constitutional requirements must be taken into consideration. Therefore, the device may be utilized in situations to stop or disable a vehicle without first signaling or otherwise ordering the suspect to stop in order to maintain safety (i.e., suspect is wanted for a felony crime of violence, suspect involved in previous weapon offenses, fleeing & eluding, abduction, etc.). If utilized on a vehicle that is not pursuable under policy, officers will not be allowed to pursue the vehicle.
3. Use only in compliance with the safety considerations found in the training materials supplied by Stop Stick found at <https://www.stopstick.com/training/training-material> or in PowerDMS under Documents / Traffic / StopStick (e.g., finding a safe location – the front of your cruiser may not be a safe location.) Do not compromise your safety by rushing deployment.
4. Use only on vehicles with four or more tires. They will not be used on motorcycles or ATVs (all-terrain vehicles designed for off road use).
5. Inform pursuing officers of the location of the Stop Stick devices so they can avoid them.
6. Remove the Stop Stick devices from the roadway as soon as possible and when safe to do so.
7. Attempt to divert other traffic away from the site where the Stop Stick devices are being used.
8. Stop Stick devices, used successfully to stop a motor vehicle, will be treated as evidence.
9. After the successful deployment of Stop Stick devices, only tag the either actual Stop Stick section or cartridge that was successfully deployed into the Property Room. The remaining unused Stop Stick sections, Stop Stick sleeve, device bases and the reel should be provided to the District Coordinator so the used section can be replaced. If there is a subsequent crash with serious or life-threatening injuries after successful deployment of a Stop Stick device, consideration should be given to tagging the entire Stop Stick system..

B. The following Stop Stick devices are authorized for use:

1. Stop Stick
 - a. A three-foot-long triangular device, kept in a set of three, held within a nine-foot nylon sleeve with an 80-foot cord reel attached for retrieval
 - b. Storage and Care of Stop Sticks

- 1) Stop Stick deployment is preferred to use to terminate pursuits in progress.
 - 2) Stop Sticks will be placed in the specially designed mounting tray in the trunk/rear compartment area of each marked cruiser.
 - 3) Never bend a Stop Stick.
 - 4) Avoid allowing a Stop Stick to become wet.
 - 5) Keep objects away from the Stop Stick and mounting tray and be sure that objects in the trunk will not make contact when shutting the trunk lid.
- c. Deployment of Stop Sticks
- 1) Officer safety is the highest priority in any Stop Stick deployment, if it is not safe to do so, DO NOT deploy Stop Stick.
 - 2) Stop Sticks will not be deployed from a vehicle, in any configuration, except in exigent circumstances.
2. Barracuda
- a. A three-foot-long barrier device containing multiple replaceable cartridges that hold one tire deflating quill each that can have a cord reel or lanyard attached
 - b. Storage and Care of Barracuda
 - 1) Barracuda is intended to be deployed on slow moving vehicles or stationary vehicles that might flee. They should not be used on vehicles going over 25 MPH.
 - 2) Barracuda will be placed in specially designed mounting racks in the interior of the cruiser.
 - c. Deployment of Barracuda
 - 1) Officer safety is the highest priority in any Barracuda deployment, if it is not safe to do so, DO NOT deploy Barracuda.
 - 2) Only individuals who are properly trained in the Barracuda will utilize this deployment method.
 - 3) Barracuda Devices WILL NOT be deployed from a moving vehicle, any vehicle used for this type of deployment will be safely stopped prior to deployment.
 - 4) Deployment will only be done on slower moving 4 wheeled vehicles (estimated <25mph). In these slow speed incidents. Officers that are inside their vehicle are better protected from injury than they would be outside of their vehicles.
 - 5) Roadway deployments will only be done on 2 lane roads with minimal vehicular traffic, no pedestrian traffic and after ensuring an escape route for the suspect vehicle. After deployment, officer will immediately turn on their overhead lights, pull the cruiser forward and turn left/right to block the roadway prior to exiting the cruiser and retrieving the device.
 - 6) Parking lot deployments can be done if an officer or detective has a vehicle in a parking lot that is occupied and likely to flee when a stop is attempted. A secondary crew can deploy from a vehicle when there is minimal vehicular traffic, no pedestrian traffic and ensuring an escape route for the suspect vehicle. Once the suspect vehicle has passed the officer will activate their overhead lights, block the entire exit/entrance and safely retrieve the device.
 - 7) All of these situations will require proper communication amongst the crews involved so that everyone knows a device is going to be deployed and that officers will be blocking roadways and on foot to retrieve the devices.
3. Terminator

- a. A two-foot-long barrier device containing multiple replaceable cartridges holding one tire deflating quill each
 - b. Storage and Care of Terminator
 - 1) Terminator is intended to be deployed on slow moving vehicles or stationary vehicles that might flee. They should not be used on vehicles going over 25 MPH.
 - 2) Terminator will be placed in specially designed mounting racks in the interior of the cruiser.
 - c. Deployment of Terminator
 - 1) Officer safety is the highest priority in any Terminator deployment, if it is not safe to do so, DO NOT deploy Terminator.
 - 2) Only individuals who are properly trained in the Terminator will utilize this deployment method.
 - 3) Terminator devices WILL NOT be deployed from a moving vehicle, any vehicle used for this type of deployment will be safely stopped prior to deployment.
 - 4) Deployment will only be done on slower moving 4 wheeled vehicles (estimated <25mph). In these slow speed incidents. Officers that are inside their vehicle are better protected from injury than they would be outside of their vehicles.
 - 5) Roadway deployments will only be done on 2 lane roads with minimal vehicular traffic, no pedestrian traffic and after ensuring an escape route for the suspect vehicle. After deployment, officer will immediately turn on their overhead lights, pull the cruiser forward and turn left/right to block the roadway prior to exiting the cruiser and retrieving the device.
 - 6) Parking lot deployments can be done if an officer or detective has a vehicle in a parking lot that is occupied and likely to flee when a stop is attempted. A secondary crew can deploy from a vehicle when there is minimal vehicular traffic, no pedestrian traffic and ensuring an escape route for the suspect vehicle. Once the suspect vehicle has passed the officer will activate their overhead lights, block the entire exit/entrance and safely retrieve the device.
 - 7) All of these situations will require proper communication amongst the crews involved so that everyone knows a device is going to be deployed and that officers will be blocking roadways and on foot to retrieve the devices.
4. Piranha
- a. A 3.5-inch-long single cartridge containing two tire deflating quills with a reusable base
 - b. Deployment of Piranha
 - 1) Piranha devices are designed for deployment on stationary vehicles where officers are conducting surveillance where the officers do not want the vehicle to flee and do not want to alert the suspect to their presence (i.e.. Unoccupied stolen vehicle, wanted suspects, FLV (Fleeing Vehicle), etc.).
- C. Reporting Procedures
1. **Officers:** An OH-1 (Ohio Traffic Crash reporting form) is not required when Stop Stick devices are used unless a vehicle crashes after driving over the device. Damage caused by Stop Stick devices will be documented in the Pursuit Report on the *BlueTeam Internal Investigation Incident Report*.
 - a. Officers will also report the usage using the Stop Stick device online reporting form located at <https://stopstick.com/home/pursuit-reporting>. See Attachment A for example.
 - In the box regarding replacement status, fill in: Property Room Sergeant / 335 West Third Street / Dayton, Ohio 45402 / 937-333-1034
 - In the box regarding serial numbers, list all damaged devices, including cord reels, device bases,

and cartridges

- b. Once this form is submitted, the Officer will print out the responding email and include it with their special report to their supervisor.
 2. **Supervisors:** Supervisors will comment on the appropriateness and effectiveness of each use of Stop Stick device in their investigative report. Should a deployment of a Stop Stick device take place and the vehicle flees and is not immediately located, the incident should be documented on a *Blue Team Internal Investigation Incident Report, (Documented Report)*.
- D. Purchasing, Stocking and Replenishment
1. The Property Room will be responsible for the initial and any subsequent purchase of any Stop Stick device.
 - a. Initial purchases must be approved through the Purchase Requisition process.
 - b. Subsequent purchases should only be needed for devices used that are no longer under warranty.
 2. Each Division / District / Bureau will have no more than six replacement devices available for use.
 - a. The Property Room will have additional devices available if needed.
 3. All Stop Stick devices are covered with a five-year warranty.
 - a. If the device serial number is reported on the form listed in D.1.a., Stop Stick will replace the used item free of charge.
 - b. If Stop Stick requests the used or defective item returned, the Property Room will facilitate the shipment.
 - c. Each Division / District / Bureau Coordinator will replenish used or defective devices from their on-hand devices, then restock from the Property Room.
 - 1) It should be the priority of the coordinator to be sure no device goes out of warranty – that the oldest devices still in warranty are used first.

Attachment A



- HOME general info
- NEWS updates
- PRODUCTS our solution
- HIT LIST successful deployments
- TRAINING lesson plans & video
- CONTACT let's connect

STOP STICK DEPLOYMENT REPORT

Home / Deployment Report

Agency Name * Date of Offense *

Telephone * Email Address * Agency Address *

Country * State

City * Zipcode *

Originating Agency Assisting Agencies

Time Started Time Ended

Which device was used? * STOP STICK Terminator Piranha Barracuda Reason for pursuit? Traffic Drunk Driving Warrant Assault Kidnapping Theft Drug Related Murder Felony Vehicle Other

Was this pursuit initiated as a result of a traffic stop? Additional Charges

Miles/Kilometers covered during chase MPH / Km/h when STOP STICKS were hit

Miles/Kilometers covered after spiked Road Surface Number Of Tires Flattened

Which Tires Flattened R/Front L/Front R/Rear L/Rear STOP STICK deployed

Make and model of target vehicle Model Year

Was there property damage as a direct result of deployment of Stop Stick? Were there any injuries as a direct result of the deployment of Stop Stick?

If you would like to be contacted in regards to replacement status, please provide contact information.

IMPORTANT - LIST SERIAL NUMBER(S) OF DAMAGED STOP STICK(S)* *

COMMENTS

Deploying Agency Deploying Officer *

Case # Badge #

Reporting Agency Reporting Officer *

I'm not a robot