



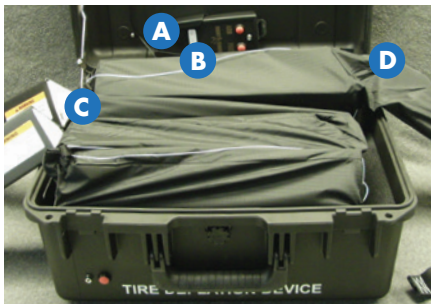
The World's First – and Fastest – Remotely Deployed and Retracted Pursuit-Stopping System.

NightHawk® offers law enforcement a faster, efficient and cost-effective deployment method for stopping – and securing – vehicles from a safe distance. Utilizing STOP STICK®, the world's leading tire deflation device, NightHawk revolutionizes traditional manual stopping methods with a remotely deployed and retracting device that executes in seconds flat.

NightHawk tire deflation devices are designed to meet the diverse situations, policies and requirements of law enforcement in pursuit intervention. NightHawk systems stop pursuits or prevent them from starting, quickly, safely and effectively.



- Wireless remote deployment ensures flexibility in securing a safe distance and position away from oncoming vehicles
- NightHawk is presented to the target vehicle's path in less than 2 seconds, up to 100 feet away
- Repeat dual-button remote sequence technology retracts STOP STICK in less than 2 seconds, clearing the road for pursuing vehicles, leaving no debris on the roadway
- Simplified remote control technology eliminates extensive police training and resources on manual systems
- Faster, more consistent and reliable deployment than hand-emplaced technologies increases accuracy and effectiveness



Components

- A.** The dual-button (ARM/FIRE) remote control operates from distance of up to 100 feet, launching sleeved STOP STICK® across the target vehicle's path in less than 2 seconds. Repeating the remote sequence retracts STOP STICK almost instantly, clearing the way for pursuing vehicles.
- B.** Power Switch with switch guard ensures power turns off when case lid closes. Status indicator shows battery charge level.
- C.** Gas generator cartridge in launch tube features reliable initiator technology that is proven in applications ranging from the U.S. Space Shuttle to automotive airbag deployment.
- D.** Disposable Launch Tube allows for easy removal and replacement after deployment.

Case Features

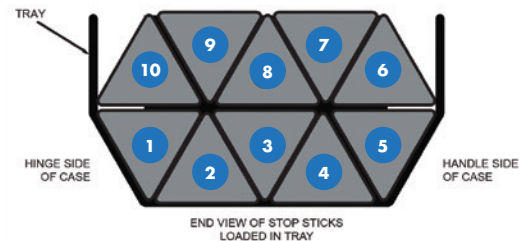
- Battery check button on outside of case near carrying handle lets officers check battery's readiness before removing from vehicle.
- Housed within a durable Pelican™ brand carrying case are ten sleeved STOP STICK segments.

NightHawk™ combines proven STOP STICK tire deflation effectiveness with innovative technology from Pacific Scientific Energetic Materials Company (PSEMC). PSEMC is a global leader in the design, development and production of energetic solutions meeting the most critical application and technological needs of military defense, aerospace and commercial customers.

Technical Specifications

Weight Complete	< 30 pounds (13.6kg)
Case Dimensions	20" x 7" x 15" (approx. 508 x 177 x 381mm)
Deployed Distance	> 25' (STOP STICK coverage 13.5'-15', null zone 12')
Deployment Time	Less than 2 seconds
Retraction Time	Less than 2 seconds
Wireless Operational Range	> 100 feet (FCC ID: RSJNIGHTHAWK)
External Battery Check	Capable
Replaceable Components	Launch Tube, STOP STICKS
Drop Shock Test	4 Foot Drop
Vibration	USCAR-24 Passenger Vibration 5-1000 Hz, 3.053 grms
Rain Exposure (closed)	MIL-STD-810G, Mthd 506.5

Pack Configuration



Each STOP STICK SEGMENT: (10 total)

- Weight: .40 pounds (.18kg)
- Length: 15 inches (38.1cm)

SEGMENT Components

- Fifteen (15) bi-directional, Teflon® coated, hardened steel QUILLS, 1 7/8 inches (4.76cm) in length, assembled in three (3) rows of five (5).
- Thirty (30) Teflon® coated steel TIPS, 3/8 inches (.95cm) in length, inserted into each end of the quills.
- TIP and QUILL assemblies are 2 5/8 inches (6.67cm) tip to tip. One (1) collapsible polymer CORE, to orient the quill/tip assemblies.
- Polymer CORE encased in a TARTAN glass filament tape FRAME, to contain the quill/tip assemblies during impact.
- One (1) polymer HOUSING, to contain inner subassemblies and protect user from injury while handling the STOP STICK. Protective gear is not necessary for handling.