



**Homeland  
Security**

Science and Technology

**U.S. Department of Homeland Security**



**System Assessment and Validation for Emergency Responders**

The U.S. Department of Homeland Security (DHS) established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders making procurement decisions.

Located within the Science and Technology Directorate (S&T) of DHS, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency responder community in an operationally useful form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List (AEL). The SAVER Program mission includes:

- Conducting impartial, practitioner-relevant, operationally oriented assessments and validations of emergency response equipment; and
- Providing information, in the form of knowledge products, that enables decision makers and responders to better select, procure, use, and maintain emergency response equipment.

Information provided by the SAVER Program will be shared nationally with the emergency responder community, providing a life- and cost-saving asset to DHS, as well as to Federal, state, and local responders.

The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

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Visit SAVER on the Responder Knowledge Base website: <https://www.rkb.us/saver>

# Highlight

## Pistol-Mounted Lights

Pistol-mounted lights attach to the frame rail under the barrel of semi-automatic pistols commonly used by law enforcement. Mounting lights in this manner allows a law enforcement officer to operate their weapon and light with one hand. These lights are used to aid in low-light target identification, as well as to temporarily blind or disorient a target.

As a System Assessment and Validation for Emergency Responders (SAVER) Program Technical Agent, the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Atlantic conducted a comparative assessment of pistol-mounted lights. Prior to the assessment, SPAWARSYSCEN Atlantic conducted a market survey in order to provide information on commercially available equipment and produced the *Pistol-Mounted Lights Market Survey Report*. A focus group was also conducted to identify equipment selection criteria for the assessment, determine evaluation criteria, and recommend assessment scenarios. Results can be found in the *Pistol-Mounted Lights Focus Group Report*.

All reports in the series, including the *Pistol-Mounted Lights Assessment Report*, will be located in the SAVER section of the Responder Knowledge Base website (<https://www.rkb.us/saver>) as they become available. Information on other technologies evaluated by the SAVER Program can also be found on the website.



**Pistol-Mounted Light**