Portions of the requested records have been withheld pursuant to Section 2.2-3706.1(E)(5).

LEESBURG POLICE DEPARTMENT
REGULATIONS AND GENERAL ORDERS MANUAL

General Order Number:	Section:	Effective Date:
210	OPERATIONS	JULY 2022

Title:

SPEED MEASURING DEVICES/ USE OF RADAR, LIDAR

Accreditation Standards: N/A

Review Date:	Total Pages:	Chief of Police:
JANUARY 2024	2	

I. SPEED MEASURING DEVICES / USE OF RADAR, OR LIDAR

A. Definitions:
RADAR – Radio Detection and Ranging
LIDAR – Light Detection and Ranging
LASER – Light Amplification by Stimulated Emission of Radiation

B. The Leesburg Police will utilize RADAR or LIDAR equipment to:
1. Reduce traffic accidents at specific locations where the cause of the crashes may be attributed to excessive speed;
2. Reduce speeding at specific locations where speed studies indicate a problem;
3. Reduce speeding at specific locations when identified by officers having knowledge of violations that may cause a hazard;
4. Educate the motoring public by use of the speed monitoring RADAR trailer or similar device.
5. Reduce speeding at any location within the Town of Leesburg.

C. RADAR/LIDAR equipment use shall comply with the Code of Virginia, §2.2-1112, and 46.2-882. The following procedures shall apply:
1. Team supervisors may authorize the use of RADAR or LIDAR in conjunction with the preceding policy. Supervisors may periodically monitor the operation of RADAR or LIDAR for the purpose of ensuring compliance with departmental standards;
2. Working RADAR or LIDAR at the foot of a grade shall not be a standard practice. If complaints are received from citizens or if accidents have occurred which can be attributed to excessive speed, an on-site inspection shall be conducted by a supervisor prior to the use of RADAR or LIDAR;
3. RADAR units shall only be operated by officers that have successfully completed an approved 40-hour RADAR operator's course;
4. LIDAR units shall only be operated by officers that have successfully completed an approved LIDAR operator's course.
5. Supervisors shall ensure the use of RADAR or LIDAR is accomplished without affecting the availability of personnel for minimum patrol needs and services rendered to the community;
6. [redacted]
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D. RADAR/LIDAR Equipment.
1. All RADAR equipment used for enforcement purposes shall meet or exceed DOT/NHTSA standards for traffic RADAR.
2. All tuning forks shall be taken to the Commonwealth of Virginia Metrology Lab or other authorized locations for recalibration checks semiannually. All RADAR or LIDAR units will be taken to the Traffic Management Unit supervisor or designee when in need of service or repair.
3. RADAR and tuning fork calibration certifications shall be forwarded to the Traffic Management Unit supervisor or designee who will maintain a current and accurate file for court purposes.

E. LIDAR Calibration Check Site

1. A calibration accuracy check site will be established at police headquarters. The location of the calibration accuracy check site will be determined by the Chief of Police or his designee.
2. The calibration accuracy check site will consist of two distances of 50 and 75 feet. These distances will be permanently marked and designated as the distances for the accuracy check of the LIDAR. The Traffic Management Unit supervisor or designee will document both distances on a form (LPD Form 377) provided by the Department every six months. The form is to be retained by the Traffic Management Unit supervisor or designee. This form will be valid for six months after the date of measurement and no enforcement action will be taken after the expiration date of this form. For documentation purposes, the distances only need to be measured with a 100-foot tape measure every six months.
3. The first time a sworn employee utilizes the LIDAR Calibration Check Site, the sworn employee shall confirm each distance with a 100-foot measuring tape prior to any enforcement action.
4. A notarized copy of LPD Form 377 will be submitted to the Loudoun County Courts.
5. In accordance with the Code of Virginia §46.2-882, by certifying the 50 and 75 foot distances, the LASER device will no longer need to be taken to the RADAR shop for calibration verification. The only time the LASER device will need to be sent to the RADAR shop for repair is when the LASER device does not meet the accuracy checks performed by the operating officer.