



07-10 Speed Enforcement

Status: Amended

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Rationale

The precise speed of a motor vehicle can be determined by several methods. While some methods are more accurate than others, it must be remembered that a charge is laid for the offence of “SPEEDING”. The actual rate of speed is used to determine the penalty imposed on convicted speeders. This Procedure explains the process for qualification and use of speed measuring devices for the purpose of speed enforcement.

Procedure

Designated members of Traffic Services (TSV) shall be responsible for coordinating the testing, certification, instruction, maintenance, allocation, and management of speed measuring devices. Unit Commanders receiving or requesting additional speed measuring devices must ensure that the units are approved by TSV.

Telecommunications Services shall be responsible for examining the individual Speed Measuring RADAR Devices (RADAR) annually and following any repair or maintenance ensuring the device meets the emission guidelines as established by Health Canada’s Safety Code 6.

Listed below are the 4 methods of determining speed endorsed by the Service

- speed measuring RADAR
- speed measuring LASER (LIDAR)
- stop watch and road markings
- pacing

Information for speed enforcement pertaining to the use of a ‘stop watch and road markings’ or ‘pacing’ may be obtained from the Toronto Police College – Traffic Section. The mandatory criteria required for the use of RADAR and LASER speed measuring devices are defined in items 1–3 of this Procedure.

Police Officer

1. Prior to operating a Speed Measuring RADAR device shall
 - have completed the Service Speed Measuring RADAR Operator’s Course and ongoing training as required
 - have completed 1 shift exclusively dedicated to practical training under the supervision of a qualified RADAR operator

- *When these requirements are met, the Unit Commander – TSV will issue officers a 'Speed Measuring RADAR Operator Certificate'.*
2. Prior to operating a LIDAR device shall
- have completed the Service Speed Measuring LASER Operator's Course and ongoing training as required
 - have completed 1 shift exclusively dedicated to practical training under the supervision of a qualified LIDAR operator
- *When these requirements are met, the Unit Commander – TSV will issue officers a 'LIDAR Operator Certificate'.*
3. When performing speed enforcement duties shall
- ensure they are conducted in a safe manner
 - wear issued high-visibility garments when exposed to traffic hazards
 - test the speed measuring device in accordance with established practice
 - if using RADAR
 - examine the device to ensure it is displaying a 'power density' label dated no older than 1 year
 - ensure transmission takes place ONLY during testing or target acquisition
 - ensure the antenna is directed outside of the vehicle whenever the device is in operation or being tested
 - ensure the RADAR and LIDAR units are not directed towards any part of the body, specifically the head and groin (RADAR) or the eyes (LIDAR)
 - ensure that the speed measuring device is securely positioned, or stored
 - comply with Procedure 06-01 when laying charges

Supervisory Officer

4. When detailing officers to speed enforcement duties shall ensure that the officer is qualified to operate the applicable speed measuring device.

Unit Commander

5. The Unit Commander shall ensure that every previously certified officer, who has not been regularly engaged in speed enforcement using a speed measuring device for 2 years or more, is recertified by a qualified trainer.
- *"Regularly engaged in" means the member has been actively involved in the use and operation of speed measuring equipment during enforcement operations within the preceding 2 years and is able to articulate the frequency and details of their involvement (e.g. memorandum book entries, Provincial Offences Notices, training certificates, etc.).*
6. When speed measuring devices are assigned to their unit shall ensure
- they are emission tested (RADAR) on an annual basis
 - additional devices requested or received are approved by TSV

Unit Commander – Traffic Services

7. When an officer meets the requirements established in item 1 or 2 shall issue that officer a 'Speed Measuring RADAR Operator Certificate' or a 'LIDAR Operator Certificate' accordingly.

- At the time of purchase shall ensure all RADAR/LIDAR units have been initially certified for accuracy and emission levels by the manufacturer, in accordance with National Highway Traffic Safety Administration standards and tested and certified following any repair or maintenance.

RADAR Technician – Telecommunications Services

- When installing mobile RADAR devices into Service vehicles shall ensure
 - the consoles are securely fastened
 - the antenna is positioned at least 15 cm away from the occupants of the vehicle and in a manner to ensure the occupants are not intercepting the transmitting beam
- Upon receipt of any RADAR device that has been submitted for any repair or maintenance shall examine the RADAR device for emission levels that meet the emission guidelines as established by Health Canada's *Safety Code 6*.

Unit Commander – Telecommunications Services

- When RADAR devices are submitted for any repair or maintenance shall ensure they are examined to meet the emission guidelines as established by Health Canada's *Safety Code 6*.

Supplementary Information

Governing Authorities

Federal: Health Canada Safety Code 6.

Provincial: Highway Traffic Act; Police Services Act, O. Reg 3/99, Adequacy & Effectiveness of Police Services.

Associated Governance

TPSB Policies: TPSB AI-013 Speed Detection Devices.

TPS Procedures: 06–01 Commencing POA Proceedings.

Definitions

For the purposes of this Procedure, the following definitions will apply:

Light Detection and Ranging (LIDAR) is the current approved terminology to specifically reference Speed Measuring Laser.

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