



762 White Horse Pike  
Atco, N.J. 08004  
Email: repair@rnrradar.com  
Website: www.rnrradar.com

### LIDAR CERTIFICATION

MANUFACTURER: LASER TECHNOLOGY, INC.

MODEL: TRUSPEED S

SERIAL NUMBER: 001477

DATE: September 26, 2019

DATE NEXT DUE: September 25, 2020

CONTROLS OPERATIONAL PASS  FAIL

ACTUAL DISTANCE MEASUREMENT TEST 103/204 FT. READS: 102.4-203.8 (+-1FT)

POWER OUTPUT TEST (TRANS) 241.73 MICROWATTS (Max. Limit 300 uW)

WAVELENGTH SPECIFICATION TEST SPECIFIED 905 Nm ACTUAL 906.6 (+ - 10Nm)

PULSE WIDTH 8.44 Ns SPECIFIED 7 100 Ns

RADAR/LIDAR VERIFICATION TEST (+- 1MPH) PASS  FAIL

RADIO FREQUENCY INTERFERENCE PASS  FAIL

HORIZONTAL BEAM WIDTH PASS  FAIL

VERTICAL BEAM WIDTH PASS  FAIL

SIGHT ALIGNMENT PASS  FAIL

LIDAR MEETS MANUFACTURERS SPECIFICATIONS AND IACP STANDARDS

AGENCY: West Windsor Police Department

TECHNICIAN NAME: Daniel MacDuff

SIGNATURE: 

RADAR/LIDAR SERVICE  
FOR ALL MAKES AND MODELS "FOR OVER 30 YEARS"



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### LIDAR CERTIFICATION

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SERIAL NUMBER: 001477

DATE: July 24, 2018

DATE NEXT DUE: July 23, 2019

CONTROLS OPERATIONAL PASS X FAIL \_\_\_\_\_

ACTUAL DISTANCE MEASUREMENT TEST 103/204 FT. READS: 102.5-203.7 (+-1FT)

POWER OUTPUT TEST (TRANS) 261.94 MICROWATTS (Max. Limit 300 uW)

WAVELENGTH SPECIFICATION TEST SPECIFIED 905 Nm ACTUAL 907.4 (+ - 10Nm)

PULSE WIDTH 8.13 Ns SPECIFIED 7 100 Ns

RADAR/LIDAR VERIFICATION TEST (+- 1MPH) PASS X FAIL \_\_\_\_\_

RADIO FREQUENCY INTERFERENCE PASS X FAIL \_\_\_\_\_

HORIZONTAL BEAM WIDTH PASS X FAIL \_\_\_\_\_

VERTICAL BEAM WIDTH PASS X FAIL \_\_\_\_\_

SIGHT ALIGNMENT PASS X FAIL \_\_\_\_\_

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### LIDAR CERTIFICATION

MANUFACTURER: LASER TECHNOLOGY, INC.

MODEL: TRUSPEED S

SERIAL NUMBER: 001477

DATE: February 22, 2017

DATE NEXT DUE: February 21, 2018

CONTROLS OPERATIONAL PASS  FAIL

ACTUAL DISTANCE MEASUREMENT TEST 103/204 FT. READS: 102.5-203.7 (+-1FT)

POWER OUTPUT TEST (TRANS) 265.74 MICROWATTS (Max. Limit 300 uW)

WAVELENGTH SPECIFICATION TEST SPECIFIED 905 Nm ACTUAL 903.6 (+ - 10Nm)

PULSE WIDTH 8.75 Ns SPECIFIED 7 100 Ns

RADAR/LIDAR VERIFICATION TEST (+- 1MPH) PASS  FAIL

RADIO FREQUENCY INTERFERENCE PASS  FAIL

HORIZONTAL BEAM WIDTH PASS  FAIL

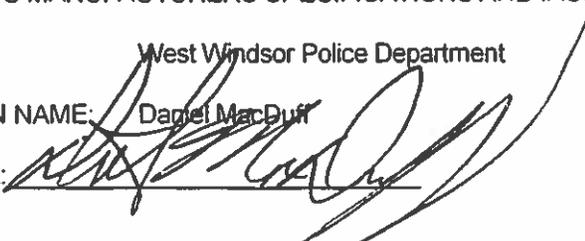
VERTICAL BEAM WIDTH PASS  FAIL

SIGHT ALIGNMENT PASS  FAIL

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AGENCY: West Windsor Police Department

TECHNICIAN NAME: Daniel MacDuff

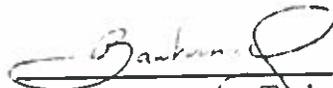
SIGNATURE: 

RADAR/LIDAR SERVICE  
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## Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® S Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

<b>Serial Number:</b>	TJ001477
<b>Calibration Date:</b>	Apr 11, 2013
<b>Calibration Tech(s):</b>	James
<b>Laser Power:</b>	736 $\mu$ W nominal
<b>Beam Divergence:</b>	3.5 mrad nominal
<b>Speed Accuracy:</b>	$\pm 1$ mph or $\pm 2$ kph
<b>Range Accuracy:</b>	$\pm 6$ in or $\pm 15$ cm
<b>Scope Alignment:</b>	<input checked="" type="checkbox"/>
<b>Field Test:</b>	<input checked="" type="checkbox"/>

  
Quality Assurance Tech

May 08, 2013  
Certification Date



6912 South Quentin Street  
Centennial, CO 80112 USA  
Phone: 1-303-649-1000  
Fax: 1-303-649-9710  
Web Site: [www.lasertech.com](http://www.lasertech.com)

Part Number: 0114635 Rev 1 Feb 2011



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