



STATE OF NEW JERSEY  
DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF CONSUMER AFFAIRS  
OFFICE OF WEIGHTS AND MEASURES  
1261 ROUTES 1 & 9 SOUTH  
AVENEL, NEW JERSEY 07001

VALIDATION CERTIFICATE

TEST NO. NJ231131

DATE: June 22, 2023

CERTIFICATE FOR West Windsor Township Police Department  
20 Municipal Drive, P.O. Box 38  
West Windsor, NJ 08550

This certifies that Laser Speed Detection Instrument, Serial Number TJ001477, has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The error found in the time base component will result in an error of less than 0.030 MPH at any speed. New Jersey Weights and Measures Sticker No. 004899-23 has been affixed to this device.



A handwritten signature in black ink, appearing to read "David Freed", written over a horizontal line.

David Freed  
Acting State Superintendent



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DEPARTMENT OF LAW AND PUBLIC SAFETY  
DIVISION OF CONSUMER AFFAIRS  
OFFICE OF WEIGHTS AND MEASURES  
1261 ROUTES 1 & 9 SOUTH  
AVENEL, NEW JERSEY 07001

VALIDATION CERTIFICATE

TEST NO. NJ220626

DATE: February 8, 2022

CERTIFICATE FOR West Windsor Township Police Department  
20 Municipal Drive, P.O. Box 38  
West Windsor, NJ 08550

This certifies that Laser Speed Detection Instrument, Serial Number TJ001477, has been compared with standards of the State of New Jersey in possession of the State Superintendent of Weights and Measures. The error found in the time base component will result in an error of less than 0.030 MPH at any speed. New Jersey Weights and Measures Sticker No. 004569-22 has been affixed to this device.



A handwritten signature in black ink, appearing to read "David Freed", written over a horizontal line.

David Freed  
Acting State Superintendent



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: May 2, 2023

DATE NEXT DUE: May 1, 2024

CONTROLS OPERATIONAL PASS  FAIL

ACTUAL DISTANCE MEASUREMENT TEST 102.8/203.9 FT. READS: 102.9-204.1 (+-1FT)

POWER OUTPUT TEST (TRANS) 239.16 MICROWATTS (Max. Limit 300 uW)

WAVELENGTH SPECIFICATION TEST SPECIFIED 905 Nm ACTUAL 905.9 (+ - 10Nm)

PULSE WIDTH 9.38 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"



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: 



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### LIDAR CERTIFICATION

MANUFACTURER: LASER TECHNOLOGY, INC.

MODEL: TRUSPEED S

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 \_\_\_\_\_

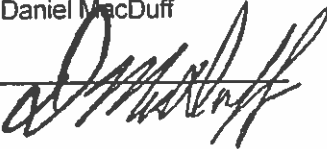
VERTICAL BEAM WIDTH PASS X FAIL \_\_\_\_\_

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

LIDAR MEETS MANUFACTURERS SPECIFICATIONS AND IACP STANDARDS

AGENCY: West Windsor Police Department

TECHNICIAN NAME: Daniel MacDuff

SIGNATURE: 

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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

LIDAR MEETS MANUFACTURERS SPECIFICATIONS AND IACP STANDARDS

AGENCY: West Windsor Police Department

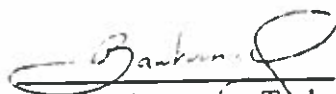
TECHNICIAN NAME: Daniel MacDuff

SIGNATURE: 

## 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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### 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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