



Fidelity Solutions

32110 Botts Drive
 Black Diamond, WA 98010
 253-258-1200

CERTIFICATE OF ACCURACY

Unit Information and Certification Summary

Manufacturer: Laser Technology, Inc.	Date Certified: 03/16/2023
Model: TruSpeed S	Expiration Date: 03/16/2025
Serial Number: TJ004858	Technician Name: Jorge Marciano
Agency: Milton Police Department	Signature: <i>J. Marciano</i>

By my signature above, I do hereby certify, under the penalty of perjury that all statements herein are true and correct. All applicable tests and measurements were made on the following LIDAR Speed Measuring Device (SMD) and it was found to meet or exceed all manufacturer's specifications.

Signed at Tacoma, Washington, on 4/5/23

Operational Tests

Controls Operational	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
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Pulse Characteristics Tests

Pulse Frequency (Rep Rate)	Expected: <=2810 Hz	Tested: 2799.99 Hz	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Pulse Width	Expected: <=25 nS	Tested: 6.56 nS	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Double Pulse			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

Speed & Distance Tests

Speed	Expected: 167.6 MPH	Tested: 167.6 MPH	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Short Range.	Expected: 109.2 ft	Tested: 109.0 ft	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Long Range.	Expected: 210.1 ft	Tested: 210.0 ft	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

Beam Characteristics Tests

Optical Power	Expected: <=900 mW	Tested: 714.69 uW	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Wavelength	Expected: 904 nM	Tested: 906.77 nM	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Horizontal Beam Width			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Vertical Beam Width			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
Sight Alignment.			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

All speeds listed in the tables above are measured and expressed in Miles Per Hour (MPH)