



# Fidelity Solutions

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

## CERTIFICATE OF ACCURACY

### Unit Information and Certification Summary

<b>Manufacturer:</b> Laser Technology, Inc.	<b>Date Certified:</b> 11/15/2022
<b>Model:</b> TruSpeed S	<b>Expiration Date:</b> 11/15/2024
<b>Serial Number:</b> TJ006972	<b>Technician Name:</b> Jorge Marciano
<b>Agency:</b> Puyallup Police Department	<b>Signature:</b> <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 Puyallup, Washington, on 11/15/22

### 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

<b>Pulse Frequency (Rep Rate)</b> . . . . .	Expected: <=2810 Hz	Tested: 2799.99 Hz	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Pulse Width</b> . . . . .	Expected: <=25 nS	Tested: 4.06 nS	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Double Pulse</b> . . . . .			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

### Speed & Distance Tests

<b>Speed</b> . . . . .	Expected: 167.6 MPH	Tested: 167.5 MPH	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Short Range.</b> . . . . .	Expected: 109.2 ft	Tested: 109.3 ft	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Long Range.</b> . . . . .	Expected: 210.1 ft	Tested: 210.2 ft	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail

### Beam Characteristics Tests

<b>Optical Power</b> . . . . .	Expected: <=900 mW	Tested: 23.96 uW	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Wavelength</b> . . . . .	Expected: 904 nM	Tested: 900.59 nM	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Horizontal Beam Width</b> . . . . .			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Vertical Beam Width</b> . . . . .			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail
<b>Sight Alignment.</b> . . . . .			<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)