



Fidelity Solutions

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

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 PUYALLUP & MILTON
 MUNICIPAL COURTS

CERTIFICATE OF ACCURACY

Unit Information and Certification Summary

| | | | |
|----------------|------------------------|------------------|--------------------------------|
| Manufacturer: | Laser Technology, Inc. | Date Certified: | 11/15/2022 |
| Model: | TruSpeed S | Expiration Date: | 11/14/2024 |
| Serial Number: | TJ008790 | Technician Name: | Ron |
| Agency: | Puyallup PD | Signature: | <i>[Handwritten Signature]</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 |
| RFI Indicator | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail |

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: 5.62 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: 0.0 mph | Tested: ND | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail |
| Short Range. | Expected: 109.2 ft | Tested: 108.9 ft | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail |
| Long Range. | Expected: 210.1 ft | Tested: 209.8 ft | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail |

Beam Characteristics Tests

| | | | | | |
|---------------------------------|--------------------|-------------------|------------------------------|--|-------------------------------|
| Optical Power | Expected: <=900 mW | Tested: 766.84 uW | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Pass | <input type="checkbox"/> Fail |
| Wavelength | Expected: 904 nM | Tested: 900.75 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)