

RON TAYLOR



# Fidelity Solutions

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253-258-1200

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NOV 17 2022

PUYALLUP & MILTON  
MUNICIPAL COURTS

## RADAR CERTIFICATION

### Unit Information and Certification Summary

|                  |                  |                  |                    |
|------------------|------------------|------------------|--------------------|
| Manufacturer:    | Applied Concepts | Date Certified:  | 16-Nov-22          |
| Model:           | Stalker II SDR   | Expiration Date: | 15-Nov-24          |
| Serial Number:   | AS009674         | Technician Name: | Ron                |
| Agency/Location: | Puyallup PD      | Signature:       | <i>[Signature]</i> |

By my signature above, I do hereby certify, under the penalty of perjury according to the laws of the State of Washington, County of Pierce, that all applicable tests and measurements were made on the following Traffic Speed Measurement equipment; and that all statements herein are true and correct.  
Signed at Puyallup, Washington, on 11-15-22

### Operational Tests

|                       |                           |          |                   |
|-----------------------|---------------------------|----------|-------------------|
| Controls Operational  | [ ] N/A                   | [X] Pass | [ ] Fail          |
| RFI Indicator         | [ ] N/A                   | [X] Pass | [ ] Fail          |
| Low Voltage Indicator | Actual Trip Voltage: ND V | [X] N/A  | [ ] Pass [ ] Fail |

### Tuning Forks . . . . . Number of Forks Tested: 2

|    |                       |                        |                           |
|----|-----------------------|------------------------|---------------------------|
| #1 | Serial Number: 306891 | Operating Band: Ka     | Tested Frequency: 2616 Hz |
|    |                       | Stated Speed: 25.3 mph | Tested Speed: 25.3 mph    |
| #2 | Serial Number: 415150 | Operating Band: Ka     | Tested Frequency: 4170 Hz |
|    |                       | Stated Speed: 40.3 mph | Tested Speed: 40.3 mph    |

When operated between the temperature of -22F to +140F, no correction is required.

### Antenna Tests . . . . . Number of Antennas Tested: 1

|                                     |  |                 |                                  |  |           |
|-------------------------------------|--|-----------------|----------------------------------|--|-----------|
| <b>Antenna 1 (or built-in)</b>      |  | S/N: (BUILT-IN) | <b>Antenna 2 (if applicable)</b> |  | S/N: NONE |
| Operating Band: Ka                  |  |                 | Operating Band: NA               |  |           |
| Stated Center Frequency: 34.700 GHz |  |                 | Stated Center Frequency: NA GHz  |  |           |
| Tested Center Frequency: 34.764 GHz |  |                 | Tested Center Frequency: NA GHz  |  |           |

| Stationary Mode |        | Moving @ Patrol 35.0        |                 | Stationary Mode |          | Moving @ Patrol 35.0        |        |                 |        |
|-----------------|--------|-----------------------------|-----------------|-----------------|----------|-----------------------------|--------|-----------------|--------|
| Expected        | Actual | Target                      | Actual Readings |                 | Expected | Actual                      | Target | Actual Readings |        |
|                 |        |                             | Patrol          | Target          |          |                             |        | Patrol          | Target |
| 25.0            | 25.0   | 30.0                        | ND              | ND              | 25.0     | NA                          | 30.0   | NA              | NA     |
| 35.0            | 35.0   | 75.0                        | ND              | ND              | 35.0     | NA                          | 75.0   | NA              | NA     |
| 45.0            | 45.0   | <b>Moving @ Patrol 65.0</b> |                 | 45.0            | NA       | <b>Moving @ Patrol 65.0</b> |        | 45.0            | NA     |
| 55.0            | 55.0   | Target                      | Actual Readings |                 | 55.0     | NA                          | Target | Actual Readings |        |
| 65.0            | 65.0   |                             | Patrol          | Target          | 65.0     | NA                          |        | Patrol          | Target |
| 75.0            | 75.0   | 30.0                        | ND              | ND              | 75.0     | NA                          | 30.0   | NA              | NA     |
| 95.0            | 95.0   | 75.0                        | ND              | ND              | 95.0     | NA                          | 75.0   | NA              | NA     |

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