

**C. W. ELECTRONICS**  
**346 Columbia Turnpike**  
**Rensselaer, New York 12144**  
**(518) 477-2569**

CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

This is to certify that on the 23<sup>rd</sup> day of August, 2010 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER : LASER TECHNOLOGIES INC.

MODEL: TRU SPEED

SERIAL NO: TS-1844

PROPERTY NO: FP-12872

	<u>PASS</u>	<u>FAIL</u>
VISUAL INSPECTION	<u>X</u>	<u>    </u>
INITIALIZATION TEST	<u>X</u>	<u>    </u>
DISPLAY TEST	<u>X</u>	<u>    </u>
SCOPE ALIGNMENT TEST	<u>X</u>	<u>    </u>

MEASURED TEST RESULTS

DELTA DISTANCE TD/1 150FT. / 150ft.

TD/2 200FT. / 200ft.

DELTA DISTANCE =  $[(td2-td1) \times 2] \pm 1$  / 50ft.

FIXED DISTANCE / ZERO VELOCITY 156ft. and 685ft.

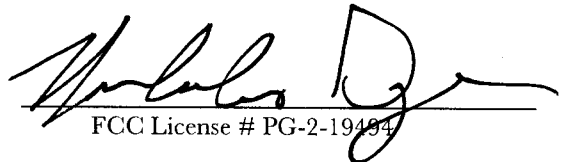
<u>REFERENCE SPEED</u>	<u>SPEED REGISTERED</u>
15 MPH	<u>    15    </u> MPH
30 MPH	<u>    30    </u> MPH
55 MPH	<u>    55    </u> MPH

As a result of these tests, I do hereby certify that the instrument is in compliance with the Rules and Regulations as set forth by the Federal Communications Commission. Also, the instrument is operating within tolerance of the manufacturer's specifications.

I do hereby certify that the laser speed measurement instrument identified above is accurate. This is a true and accurate document made and kept in the normal course of business.

Tested and certified on August 23, 2010

By:

  
FCC License # PG-2-19494

# Certificate of Calibration

This certifies that the LTI 20/20 TruSpeedSpeed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

<b>Serial Number:</b>	TS005289
<b>Laser Power:</b>	90 $\mu$ W nominal
<b>Beam Divergence:</b>	3.0 mrad nominal
<b>Speed Accuracy:</b>	$\pm 2$ kph ( $\pm 1$ mph)
<b>Range Accuracy:</b>	$\pm 15$ cm ( $\pm 6$ in)
<b>Scope Alignment:</b>	<input checked="" type="checkbox"/>
<b>Field Test:</b>	<input checked="" type="checkbox"/>

*Py Salgado*  
Quality Assurance Tech

Apr 10, 2020  
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: 0144820 Rev. 4 Feb 2011

**LASER**  
**TECHNOLOGY**  
6912 SOUTH QUENTIN STREET  
CENTENNIAL, CO 80112  
TEL. (303) 649-1000  
TOLL FREE 1 (877) OWN.A.LTI  
FAX (303) 649-9710

# INVOICE

Page	1 of 1
Date	4/10/2020
Customer	109882
Brn/Plt	60
Order Nbr	763362 SV
Invoice	173208

Sold To: NEW YORK STATE POLICE  
261 GENESEE ST  
ONEIDA NY 13421

Ship To: NEW YORK STATE POLICE  
261 GENESEE ST  
ONEIDA NY 13421

Serial Number TS005289	Request Date 3/27/2020	Customer P.O. ALAN HEATH
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Description	Item Number	UOM	Units	Extended Amount
Repair Part Charge	3130002	EA	1.00	55.00
Labor, Service	3014624	EA	2.00	125.00
Freight	F	EA	1.00	13.00
Recertification	3014652	EA	1.00	125.00
HUD,BRACKET, TRUSPEED	2200054	EA	1.00	0.00
HUD,LENS GLASS COVER,TRUSPEE	2200060	EA	1.00	0.00
HUD,OCULER TUBE,TRUSPEED	2200057	EA	1.00	0.00

----- INVOICE SUMMARY -----

**Total Taxable Amount** 318.00  
**Total Tax Amount** 0.00  
**Total Invoice Amount** 318.00

----- INVOICE SUMMARY -----

Problem Found: The unit has impact damage. The scope ocular lens is broken, and the tube is bent. Scope is out of alignment.

Repair Performed: Replace needed parts, align and verify unit operations.

\*\* Recertify \*\*

Shipping: FedEx Ground

<b>Terms</b>	<b>Due Date</b>	<b>Customer Number</b>	<b>Total Invoice Amount</b>
NET 30 (Override)	5/10/2020	109882	\$318.00

These commodities, technology and/or software are subject to export control laws, including the U.S. Export Administration Regulations. Exports and re-exports may require an export license from the U.S. and/or other governments. Diversion contrary to U.S. or other export control laws is prohibited.

For terms and conditions of sales, please visit our website at [www.lasertech.com/Terms-and-Conditions-of-Sale.aspx](http://www.lasertech.com/Terms-and-Conditions-of-Sale.aspx)

**REMIT TO:**

Laser Technology, Inc.  
Key Bank  
P.O. Box 1068  
Englewood, CO 80150-1068

**FOR PAYMENT MADE BY WIRE TRANSFER OR EFT REMIT TO:**

**Domestic Wire Transfers or EFT's:**  
Laser Technology, Inc.  
ACCT #: 769681004370  
ABA #: 307070267 Key Bank, N.A.

**International Wire Transfers or EFT's:**  
Laser Technology, Inc.  
ACCT #: 769681004370  
Keybank Swift Code: KEYBUS33

# Dräger safety

Breathalyzer® 7410 - Alcotest® 7410 - Alcotest 7410® Plus - Alcotest® 6510 / 6810

## CERTIFICATE OF CALIBRATION

This is to certify that the 7410 - 6510 / 6810 series have been calibrated and found to be in compliance with the Model Specifications for Devices to Measure Breath Alcohol according to the National Highway Traffic Safety Administration, DOT.

Calibration date:

10/05/09

SERIAL NUMBER

ARAF - 0422

Model:  Breathalyzer® 7410

Alcotest® 7410

Alcotest® 7410<sup>Plus</sup>

Alcotest® 6510

Alcotest® 6810

Draeger Safety Diagnostics, Inc.  
Technical Service Department

TC

# NEW YORK STATE POLICE

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## MEMORANDUM

Troop D Station SP Pulaski

Date 04/28/2020

**To:** Troop Commander, Troop D, Oneida, New York

**From:** Trooper Dylan D. Catlin

**Subject:** **RADAR REPAIR**

### **Stalker Radar**

Property #: 19067  
Indicator #: DE010061  
Antenna #1: KC134328  
Antenna #2: KC132301  
25 MPH tuning fork #: FA 249866  
55 MPH tuning fork #: FF011718

### **Radar Malfunctions as follows:**

Fails pre-test, displays obviously incorrect speeds, squelches max volume periodically during all functions even when not in xmit mode. Problem has become progressively worse and is now unusable.

**C.W. ELECTRONICS**  
**350 Columbia Turnpike**  
**Rensselaer, New York 12144**  
**(518) 477-2569**

I, Nicholas Dyer, owner, C.W. Electronics, was directed by the New York State Police to repair and test the below listed radar speed measuring instrument. Upon completion of repairs, I conducted the following tests.

**Radar Instrument and Component Identification**

Make: <u>ACI</u>	Model: <u>DSR</u>	Antenna 1 S/N <u>KC-029289</u>	Tuning Fork 1 <u>FA-010452</u>
Troop <u>D</u>	Indicator S/N <u>DS-33868</u>	Antenna 2 S/N <u>KC-029291</u>	Tuning Fork 2 <u>FF-001429</u>
Property #: <u>74300</u>			

1. Radar transmitter and indicator test.
  - A) Measured transmitter frequency of Antenna #1 34764 megahertz and Antenna #2 34747 megahertz by means of a microwave frequency meter.  
 Manufacturer's frequency tolerance of 34600 mhz to 34800 mhz.  
 Transmitter input power less than 5 watts and output power less than 100 milliwatts.
  - B) Light segment test of patrol window 888 and of target window 888.
  - C) Internal circuitry test of the patrol speed crystal indicates 10-35-65 with a manufacturer's tolerance of 0.  
 Circuitry test must display 10-35-65
  - D) Internal circuitry test of the target speed crystal indicates 10-35-65 with a manufacturer's tolerance of 0.  
 Circuitry test must display 10-35-65.

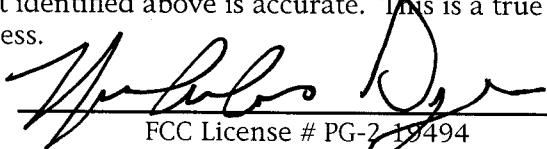
2. Tuning fork tests.
  - A) Each tuning fork was tested independent of the radar to ascertain its true simulated MPH speed by means of a frequency counter.

SERIAL #	INDICATED MPH	FREQUENCY	TRUE MPH
<u>FA-010452</u>	<u>25</u>	<u>2616</u>	<u>25</u>
<u>FF-001429</u>	<u>55</u>	<u>5724</u>	<u>55</u>

- B) Each tuning fork was tested separately with the radar instrument so as to simulate a stationary mode of operation. Stationary mode test results are:  
 The 25 MPH fork tested, displayed 25 in the target window.  
 The 55 MPH fork tested, displayed 55 in the target window.
  - C) Both tuning forks were tested together with the radar instrument so as to simulate a moving police vehicle and a moving target vehicle approaching each other. Moving mode test results are:  
 The 25 MPH fork tested, displayed 25 in the patrol window while the 55 MPH fork tested, displayed 30 in the target window.  
 The 25 MPH fork represents the police vehicle speed and the 55 MPH fork represents the closing rate speed of the two vehicles. When the police vehicle speed is subtracted from the closing rate speed, the difference of that of the target vehicle, is displayed in the target window.
3. As a result of all my tests, I do hereby certify that the transmitter is in compliance with the Rules and Regulations as set forth by the Federal Communications Commission. Also, the transmitter is operating within tolerance of the manufacturer's specifications. In addition to the transmitter, I have tested the tuning forks both together and independently with the radar instrument described above and find that the radar instrument accurately made speed measurements.

I do hereby certify that the radar speed measurement instrument identified above is accurate. This is a true and accurate document made and kept in the normal course of business.

Tested and certified on April 16, 2020

By:   
 FCC License # PG-219494

**RADAR WORK ORDER**

C. W. ELECTRONICS • 350 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144  
(518) 477-2569 FAX (518) 479-0777

DATE: 4-16-20 WARRANTY DATE: \_\_\_\_\_ P.O. # \_\_\_\_\_

CUSTOMER: \_\_\_\_\_ SHIP TO: \_\_\_\_\_

NYSP  
Roop D

PROPERTY # 74300 MANUFACTURER: ACI MODEL: DSR

SERIAL # DS-33868 ANT. 1 KC-029289 ANT. 2 KC-029291

COMPLAINT: NOT WORKING PROPERLY

PARTS USED:	Quantity	Quantity
<u>155-2055-02</u>	<u>1</u>	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**SERVICE PERFORMED:**

Repair     Bench Test     Certification    2  Road Test

Other REPLACES INTERMITTENT ANTENNA CABLE. CHANGED SET UP FROM FLORIDA TO USA.

All units are tested and certified as accurate in the normal course of business.

Hours: 1 UPS: X

Technician NICHOLAS DYER

FCC Lic. # PG-2-19494

Customer Signature: \_\_\_\_\_

INVOICE TO FOLLOW