☐ **Laser Power Output Set to:**

- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LLX017430 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

03/23/07
Certification Date

LASER TECHNOLOGY
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

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

CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

This is to certify that on the 30th day of January, 2020 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-017430

PROPERTY NO: FP-11403

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 January 30, 2020

By: _____
FCC License # PG-2-19494

Work Order #14378

# RADAR WORK ORDER

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

DATE: 1-30-20 WARRANTY DATE: _____ P.O. #_____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # FP-11403 MANUFACTURER: LTI MODEL: ULTRALYTE LR

SERIAL # UX-017430 ANT. 1 _____ ANT. 2 _____

COMPLAINT: CERTIFY LASER

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

SERVICE PERFORMED:

☐ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other CERTIFIED LASER UNIT

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

Hours: 1 CERT UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020098 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/21/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

☐ **Laser Power Output Set to:**

- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020099 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/21/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

**C. W. ELECTRONICS**
**350 COLUMBIA TURNPIKE**
**RENSSELAER, NEW YORK 12144**
**(518) 477-2569**

## CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

THIS IS TO CERTIFY THAT ON THE 7TH DAY OF JUNE, 2016 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-020101

PROPERTY NO: 74373

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 JUNE 7, 2016

BY: _____
FCC LICENSE # PG-2-19494

Work Order # 13269

# RADAR WORK ORDER

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

DATE: 6-7-16 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # 74373 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX-20101 ANT. 1 _____ ANT. 2 _____

COMPLAINT: SCOPE OUT OF ALIGNMENT

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other SCOPE ALIGNED BY MANUFACTURER USING BORESIGHT MACHINE

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

Hours: 1.5 UPS: X Technician NICHOLAS
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

☐ **Laser Power Output Set to:**

- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020103 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/21/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

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

CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

This is to certify that on the 24th day of January, 2020 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-020104

PROPERTY NO: 74376

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 January 24, 2020

By: _____
FCC License # PG-2-19494

Work Order #14373

# RADAR WORK ORDER

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

DATE: 1-24-20 WARRANTY DATE: _____ P.O. #_____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY #_____ MANUFACTURER: LTI MODEL: ULTRALYTE LR

SERIAL #_____ ANT. 1_____ ANT. 2_____

COMPLAINT: CERTIFY TWO LASERS

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | 74376 UX 20104 | |
| | | 74413 UX 20178 | |
| | | | |
| | | | |
| | | | |

SERVICE PERFORMED:

☐ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other CERTIFIED TWO LASERS

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

Hours: 2 CERT UPS: X 1 Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature:_____

INVOICE TO FOLLOW

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020105 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/21/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number 0XC3C1175 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/06/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020176 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/06/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020177 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/08/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

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

# CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

THIS IS TO CERTIFY THAT ON THE 18TH DAY OF MARCH, 2014 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-020177

PROPERTY NO: 74412

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 MARCH 18, 2014

BY: _____
FCC LICENSE # PG-2-19494

In vehicle "D110"

Work Order # 12033

# RADAR WORK ORDER

C. W. ELECTRONICS • ~~346~~ 350 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144
(518) 477-2569 FAX (518) 479-0777

DATE: 3-18-14 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # 74412 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX20177 ANT. 1 _____ ANT. 2 _____

COMPLAINT: POOR RANGE

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

SERVICE PERFORMED:

☐ Repair ☐ Bench Test ☐ Certification ☐ Road Test

☐ Other REPAIR BY MANUFACTURER. THEY ALIGNED RECEIVER AND SCOPE.

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

Hours: 1.5 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

☐ **Laser Power Output Set to:**
- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing ~~safe~~ and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LUX020178 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/08/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

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

CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

This is to certify that on the 24th day of January, 2020 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-020178

PROPERTY NO: 74413

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 January 24, 2020

By: _____
FCC License # PG-2-19494

Work Order # 14373

# RADAR WORK ORDER

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

DATE: 1-24-20 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # _____ MANUFACTURER: LTI MODEL: ULTRALYTE LR

SERIAL # _____ ANT. 1 _____ ANT. 2 _____

COMPLAINT: CERTIFY TWO LASERS

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | 74376 UX 20104 | |
| | | 74413 UX 20178 | |
| | | | |
| | | | |
| | | | |

SERVICE PERFORMED:

☐ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other CERTIFIED TWO LASERS

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

Hours: 2 CERT UPS: X 1 Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX0205455 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

07.31.08
Certification Date

LASER TECHNOLOGY INC
Measurably Superior

6912 S. Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 5 November 2012*

- ☑ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☒ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☒ **Transmit Beam Width Set to 3 Milli-Radians**
- ☒ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☒ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☒ **Scope Alignment**
- ☒ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

❑ **Laser Power Output Set to:**

- ❑ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ❑ 40 microwatts (Standard UltraLyte)
- ❑ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ❑ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX020568 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

08/11/08
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

☐ **Laser Power Output Set to:**

- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☒ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX028874 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Richard Prentiss
Quality Assurance Technician

LASER TECHNOLOGY
Measurably Superior™

05-05-15
Certification Date

6912 S. Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 5 November 2012*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LUX030203 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

06/29/18
Certification Date

LASER TECHNOLOGY INC
Measurably Superior™

6912 S. Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 5 November 2012*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS001843 |
| **Calibration Date:** | Apr 20, 2009 |
| **Calibration Tech(s):** | M. Southard<br>Y. Sherman<br>B. Wells |
| **Laser Power:** | 90µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6 in or ±15 cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Apr 23, 2009
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 3 July 2008*

**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 23rd day of August, 2008 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER : LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE LR B

SERIAL NO: TS-1844

PROPERTY NO: FP-12872

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS001845 |
| **Calibration Date:** | Apr 20, 2009 |
| **Calibration Tech(s):** | M. Southard<br>M. Curry<br>B. Wells |
| **Laser Power:** | 90µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6 in or ±15 cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Apr 23, 2009
Certification Date

LASER TECHNOLOGY INC
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 3 July 2008*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® S Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TJ003084 |
| **Laser Power:** | 736 µW nominal |
| **Beam Divergence:** | 4 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Jan 13, 2015
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114635 Rev. 3 OCT 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS004273 |
| **Calibration Date:** | Jun 15, 2010 |
| **Calibration Tech(s):** | J. Shaffer |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Jun 16, 2010
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS004277 |
| **Calibration Date:** | Jun 15, 2010 |
| **Calibration Tech(s):** | J. Shaffer |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Jun 16, 2010
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS004281 |
| **Calibration Date:** | Jun 15, 2010 |
| **Calibration Tech(s):** | J. Shaffer |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Jun 17, 2010
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS005284 |
| **Calibration Date:** | Jan 28, 2011 |
| **Calibration Tech(s):** | R. Prentiss<br>K. Boone |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 14, 2011
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS005288 |
| **Calibration Date:** | Jan 28, 2011 |
| **Calibration Tech(s):** | R. Prentiss<br>K. Boone |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 14, 2011
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# NEW YORK STATE POLICE

## MEMORANDUM

Troop D Station North Syracuse

Date March 12 2020

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

**From:** Trooper Nathaniel A. Seiffert

**Subject:** **LIDAR REPAIR**

Property #: 14499
Serial #: TS00 5289

**Laser Malfunctions as follows:**

Writer was instructed by SGT/SC Vincentsis to transport above laser to Troop Traffic for broken lens repair

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS005289 |
| **Calibration Date:** | Jan 28, 2011 |
| **Calibration Tech(s):** | R. Prentiss<br>K. Boone |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 14, 2011
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

**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 9th day of January, 2015 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER : LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE LR B

SERIAL NO: TS-005289

PROPERTY NO: FP-14499

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | ____ |
| INITIALIZATION TEST | X | ____ |
| DISPLAY TEST | X | ____ |
| SCOPE ALIGNMENT TEST | X | ____ |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 January 9, 2015

By: Nicholas Dyer
FCC License # PG-2-19494

Work Order # 12432

# RADAR WORK ORDER

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

DATE: 1-9-15 ~~1-9-15~~ WARRANTY DATE:_____ P.O. #_____

CUSTOMER: NYSP TROOP D

SHIP TO:

PROPERTY # FP-14499 MANUFACTURER:_____ MODEL: TRUSPEED

SERIAL # TS-5289 ANT. 1_____ ANT. 2_____

COMPLAINT: BELIEVE UNIT WAS DROPPED. LENS BROKEN

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other REPAIR BY MANUFACTURER

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

Hours: 6 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature:_____

INVOICE TO FOLLOW

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS005290 |
| **Calibration Date:** | Jan 28, 2011 |
| **Calibration Tech(s):** | R. Prentiss<br>K. Boone |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 14, 2011
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed™ Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS005291 |
| **Calibration Date:** | Jan 28, 2011 |
| **Calibration Tech(s):** | R. Prentiss<br>K. Boone |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6in or ±15cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 14, 2011
Certification Date

LASER TECHNOLOGY
Measurably Superior

7070 South Tucson Way
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 4 Feb 2010*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS007633 |
| **Calibration Date:** | Mar 19, 2013 |
| **Calibration Tech(s):** | K. Boone |
| **Laser Power:** | 90 μW nominal |
| **Beam Divergence:** | 2.5 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Range Accuracy:** | ±6 in or ±15 cm |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Apr 18, 2013
Certification Date

LASER TECHNOLOGY INC
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 5 Feb 2011*

**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 29th day of September, 2017 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER : LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE LR B

SERIAL NO: TS-007633

PROPERTY NO: FP-14927

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | ____ |
| INITIALIZATION TEST | X | ____ |
| DISPLAY TEST | X | ____ |
| SCOPE ALIGNMENT TEST | X | ____ |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 September 29, 2017

By: _____
FCC License # PG-2-19494

Work Order #13494

# RADAR WORK ORDER

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

DATE: 9-29-17 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # FP-14927 MANUFACTURER: LTI MODEL: TRUSPEED

SERIAL # TS-7633 ANT. 1 _____ ANT. 2 _____

COMPLAINT: TRIGGER INOP

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other IMPACT DAMAGE REPAIR BY FACTORY. REPLACED TRIGGER ASSY. FRAME REALIGNED SIGHT & RCVR

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

Hours: 6.25 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS008247 |
| **Calibration Date:** | Jan 13, 2014 |
| **Calibration Tech(s):** | M. Southard |
| **Laser Power:** | 90 μW nominal |
| **Beam Divergence:** | 3.0 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Jun 19, 2014
Certification Date

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 5 Feb 2011*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS008907 |
| **Calibration Date:** | May 07, 2015 |
| **Calibration Tech(s):** | R. Prentiss |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3.0 mrads nominal |
| **Speed Accuracy:** | ±1 mph or ±2 kph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

May 07, 2015
Certification Date

LASER TECHNOLOGY, INC.
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 5 Feb 2011*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009653 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Aug 30, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY INC
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009654 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Aug 30, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009656 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Aug 30, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY INC
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009659 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Aug 30, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009664 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Aug 30, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY INC
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS009823 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Sep 27, 2016
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

This certifies that the LTI 20-20 TruSpeed® Speed Detection Instrument listed below has been thoroughly tested and meets or exceeds all manufacturer specifications.

| | |
|---|---|
| **Serial Number:** | TS010527 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

May 22, 2018
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY INC
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

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

| | |
|---|---|
| **Serial Number:** | TS010800 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 13, 2019
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

# Certificate of Calibration

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

| | |
|---|---|
| **Serial Number:** | TS010801 |
| **Laser Power:** | 90 µW nominal |
| **Beam Divergence:** | 3 mrads nominal |
| **Speed Accuracy:** | ±2 kph or ±1 mph |
| **Speed Range Accy:** | ±15cm (±6in),2σ* |
| **Scope Alignment:** | ☑ |
| **Field Test:** | ☑ |

Quality Assurance Tech

Feb 11, 2019
Certification Date

* Nominal Calibration Distance (Reflective Target) or Angle Tolerance is 95% level of Confidence under normal test conditions at a Temperature of 23°C and a Barometric Pressure of 101kPa

LASER TECHNOLOGY
Measurably Superior

6912 South Quentin Street
Centennial, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0144803 Rev. 6 Sept 2014*

**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 18TH DAY OF MARCH, 2010 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-004719

PROPERTY NO: 66788

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 MARCH 18, 2010

BY: _____
FCC LICENSE # PG-2-19494

Work Order # 9839

# RADAR WORK ORDER

C. W. ELECTRONICS • 346 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144
(518) 477-2569 FAX (518) 479-0777

DATE: 3-18-10 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # 66788 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX·004719 ANT. 1 _____ ANT. 2 _____

COMPLAINT: TRIGGER STICKS - KILLS BATTERIES

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| 031-0064-00 | 1 | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other REPAIR BY MANUFACTURER. THEY REPLACED THE TRIGGER SWITCH & CAP. CLEANED TRIGGER BLOCK, ALIGNED SCOPE + REPAIRED STOCK

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

Hours: 4 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

Prop # 66788

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LLX004721 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/31/07

Certification Date

LASER INC TECHNOLOGY
7070 South Tuscon Way
Englewood, CO 80112 USA
Phone: 303-649-1000

**LaserPower Output Set to:**

- [ ] 18 Micro-Watts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- [ ] 40 Micro-Watts (Standard UltraLyte)
- [ ] 50 Micro-Watts (UltraLyte LR, REV 1)
- [x] 62 Micro-Watts (UltraLyte LR, REV 2)

- [x] **Transmit Beam Width Set to 3 Milli-Radians**
- [x] **Speed Accuracy (+/-1 mph or +/-2 kph)**
- [x] **Range Accuracy (+/-6 in. or +/-15 cm)**
- [x] **Scope Alignment**
- [x] **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

*Part Number: 0114621* *Rev. 3 November 1999*

Prop # 66788

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LLX004721 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

05/31/07

Certification Date

LASER INC TECHNOLOGY
7070 South Tuscon Way
Englewood, CO 80112 USA
Phone: 303-649-1000

**LaserPower Output Set to:**

- [ ] 18 Micro-Watts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- [ ] 40 Micro-Watts (Standard UltraLyte)
- [ ] 50 Micro-Watts (UltraLyte LR, REV 1)
- [x] 62 Micro-Watts (UltraLyte LR, REV 2)

- [x] **Transmit Beam Width Set to 3 Milli-Radians**
- [x] **Speed Accuracy (+/-1 mph or +/-2 kph)**
- [x] **Range Accuracy (+/-6 in. or +/-15 cm)**
- [x] **Scope Alignment**
- [x] **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

*Part Number: 0114621* *Rev. 3 November 1999*

**LaserPower Output Set to:**

- ☐ 18 Micro-Watts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 Micro-Watts (Standard UltraLyte)
- ☐ 50 Micro-Watts (UltraLyte LR, REV 1)
- ☑ 62 Micro-Watts (UltraLyte LR, REV 2)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

*Part Number: 0114621* *Rev. 3 November 1999*

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX006355 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

07/31/02
Certification Date

LASER TECHNOLOGY INC
7070 South Tuscon Way
Englewood, CO 80112 USA
Phone: 303-649-1000

**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 15TH DAY OF AUGUST, 2017 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-006355

PROPERTY NO: FP-7244

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 15, 2017

BY: _____

FCC LICENSE # PG-2-19494

**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 15TH DAY OF OCTOBER, 2008 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-006355

PROPERTY NO: FP-7244

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 OCTOBER 16, 2008

BY: _____
FCC LICENSE # PG-2-19494

Work Order #13462

# RADAR WORK ORDER

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

DATE: 8-15-17 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

N.Y.S.P.
TROOP D

SHIP TO:

PROPERTY # FP-7244 MANUFACTURER: LTI MODEL: _____

SERIAL # LTX-006355 ANT. 1 _____ ANT. 2 _____

COMPLAINT: REPAIR - SCOPE OUT OF ALIGNMENT

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other REPAIR BY MANUFACTURER

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

Hours: 3.75 UPS: — Technician _____

FCC Lic.# PG-2-19494

Customer Signature: Pat Cc

INVOICE TO FOLLOW

Work Order # 8839

# RADAR WORK ORDER

C. W. ELECTRONICS • 346 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144
(518) 477-2569 FAX (518) 479-0777

DATE: 10-16-08 WARRANTY DATE:_____ P.O. #_____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # FP-7244 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX006355 ANT. 1_____ ANT. 2_____

COMPLAINT: HANDLE BADLY CORRODED

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☒ Certification ☒ Road Test

☐ Other MANUFACTURER REPLACED HANDLE, LOWER BASE PLATE ASSEMBLY. ADJUSTED SCOPE

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

Hours: 5.25 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature:_____

INVOICE TO FOLLOW

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LIX009569 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/06/04
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

**C. W. ELECTRONICS**
**350 COLUMBIA TURNPIKE**
**RENSSELAER, NEW YORK 12144**
**(518) 477-2569**

## CERTIFICATE OF ACCURACY - SPEED MEASURING LASER

THIS IS TO CERTIFY THAT ON THE 11TH DAY OF OCTOBER, 2014 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-009569

PROPERTY NO: FP-9994

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 OCTOBER 11, 2014 BY: _____

FCC LICENSE # PG-2-19494

**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 1ST DAY OF APRIL, 2011 THE INSTRUMENT LISTED BELOW WAS TESTED AND MEETS THE MANUFACTURER'S SPECIFICATIONS.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-009569

PROPERTY NO: FP-9994

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200FT.

DELTA DISTANCE = [(TD2-TD1) X2] +/- 1 / 50FT.

FIXED DISTANCE / ZERO VELOCITY 156FT. AND 685FT.

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 APRIL 1, 2011

BY: _____
FCC LICENSE # PG-2-19494

Work Order # 10471

# RADAR WORK ORDER

C. W. ELECTRONICS • 346 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144
(518) 477-2569 FAX (518) 479-0777

DATE: 4-1-11 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # FP-9994 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX9569 ANT. 1 _____ ANT. 2 _____

COMPLAINT: E-61

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☑ Repair ☑ Bench Test ☑ Certification ☒ Road Test

☐ Other REPAIR BY MANUFACTURER. LTI REPLACED "FAILED COMPONENTS" ON THE CPU BOARD.

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

Hours: 4.25 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW

Work Order # 12284

# RADAR WORK ORDER

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

DATE: 10-11-14 WARRANTY DATE:_____ P.O. #_____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # FP-9994 MANUFACTURER: LTI MODEL: ULTRALYTE

SERIAL # UX-9569 ANT. 1_____ ANT. 2_____

COMPLAINT: QUITS WORKING AFTER A WHILE

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

SERVICE PERFORMED:

☑ Repair ☑ Bench Test ☑ Certification ☑ Road Test

☐ Other REPAIR BY MANUFACTURER.
THEY REPAIRED CONNECTIONS, REPLACED CONTROLLER BOARD & TUNED RECEIVER & SCOPE.

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

Hours: 4.25 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature:_____

INVOICE TO FOLLOW

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number LIX014186 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

12/21/05
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

☐ **Laser Power Output Set to:**

- ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
- ☐ 40 microwatts (Standard UltraLyte)
- ☐ 50 microwatts (UltraLyte LR, REV 1)
- ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
- ☐ 62 microwatts (UltraLyte Compact)

☑ **Transmit Beam Width Set to 3 Milli-Radians**
☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
☑ **Scope Alignment**
☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX015016 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

04/07/06
Certification Date

LASER TECHNOLOGY INC
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

# Certificate of Calibration

This is to certify that LTI UltraLyte Laser Speed Detection Instrument serial number UX016550 meets or exceeds all manufacturer's specifications for velocity and range measurements. An itemized calibration checklist is on the reverse.

Quality Assurance Technician

10/20/06
Certification Date

LASER TECHNOLOGY
Redefining Measurement

7070 South Tucson Way
Englewood, CO 80112 USA
Phone: 1-303-649-1000
Fax: 1-303-649-9710
Web Site: www.lasertech.com

*Part Number: 0114621 Rev. 4 June 2002*

- ☐ **Laser Power Output Set to:**
  - ☐ 18 microwatts (IEC 825-1:1993, AS/NZS 2211.1:1997)
  - ☐ 40 microwatts (Standard UltraLyte)
  - ☐ 50 microwatts (UltraLyte LR, REV 1)
  - ☑ 62 microwatts (UltraLyte LR, REV 2, UltraLyte LR B)
  - ☐ 62 microwatts (UltraLyte Compact)

- ☑ **Transmit Beam Width Set to 3 Milli-Radians**
- ☑ **Speed Accuracy (+/-1 mph or +/-2 kph)**
- ☑ **Range Accuracy (+/-6 in. or +/-15 cm)**
- ☑ **Scope Alignment**
- ☑ **Field Test**

This instrument has been thoroughly tested and meets or exceeds all manufacturer's specifications providing safe and accurate ranging and speed detection.

**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 11th day of October, 2012 the instrument listed below was tested and meets the manufacturer's specifications.

MANUFACTURER: LASER TECHNOLOGIES INC.

MODEL: ULTRALYTE

SERIAL NO: UX-016550

PROPERTY NO: 73043

| | PASS | FAIL |
|---|---|---|
| VISUAL INSPECTION | X | |
| INITIALIZATION TEST | X | |
| DISPLAY TEST | X | |
| SCOPE ALIGNMENT TEST | X | |

MEASURED TEST RESULTS

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

TD/2 200FT. / 200ft.

DELTA DISTANCE = [(td2-td1) x2] +/- 1 / 50ft.

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

| REFERENCE SPEED | SPEED REGISTERED |
|---|---|
| 15 MPH | 15 MPH |
| 30 MPH | 30 MPH |
| 55 MPH | 55 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 October 11, 2012

By: _____
FCC License # PG-2-19494

Work Order # 11284

# RADAR WORK ORDER

C. W. ELECTRONICS • 346 COLUMBIA TURNPIKE • RENSSELAER, NEW YORK 12144
(518) 477-2569 FAX (518) 479-0777

DATE: 10-11-12 WARRANTY DATE: _____ P.O. # _____

CUSTOMER:

NYSP
TROOP D

SHIP TO:

PROPERTY # 73043 MANUFACTURER: LEI MODEL: ULTRALYTE LRB

SERIAL # UX-16550 ANT. 1 _____ ANT. 2 _____

COMPLAINT: POOR RANGE

| PARTS USED: | Quantity | | Quantity |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**SERVICE PERFORMED:**

☒ Repair ☒ Bench Test ☑ Certification ☒ Road Test

☐ Other REPAIR BY MANUFACTURER - THEY REPLACED THE POWER MODULE, REALIGNED RECEIVER AND SCOPE. CERTIFIED & ROAD TESTED

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

Hours: 5 UPS: X Technician NICHOLAS DYER
FCC Lic.# PG-2-19494

Customer Signature: _____

INVOICE TO FOLLOW