

CRIMINAL JUSTICE EDUCATION AND TRAINING STANDARDS COMMISSION



CRIMINAL JUSTICE STANDARDS DIVISION
POST OFFICE DRAWER 149, RALEIGH, NC 27602
TELEPHONE: (919) 661-5980

FORM SMI 12
LIDAR 06.17

RECORD OF LIDAR INSTRUMENT CALIBRATION AND ACCURACY TESTS
[Statutory Authority G.S. 17C-6(a)(13) & G.S. 8-50.2(c)]

Agency/Organization \_\_\_\_\_

I. LIDAR ACCURACY AND STANDARDS TEST RESULTS:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

LIDAR Serial No. \_\_\_\_\_ Features: [ ] Stationary Only [ ] Other \_\_\_\_\_

Table with 4 columns: Test Name, PASS, FAIL. Rows include Range Accuracy Test at 100 ft and 300 ft (+/- 1 foot), Verify Non-retention of last clocked or locked speed, Verify Audio Tone works as designed, Verify Pulse Repetition Rate, Verify Low Supply Voltage (10.8 V max), Verify Horizontal Functional Beamwidth (<= 5 mr), Verify Vertical Functional Beamwidth (<= 5 mr), Verify Maximum Low Speed (10 mph), Verify Minimum High Speed (200 mph), Verify Speed Accuracy (+ 1, -2 mph), Verify Display (Readable with no expired pixels or elements).

II. TESTING TECHNICIAN:

Full Name \_\_\_\_\_

License or Certification Issued by \_\_\_\_\_ Number \_\_\_\_\_

License Expiration Date \_\_\_\_\_ Class \_\_\_\_\_

Business Name \_\_\_\_\_

Business Address \_\_\_\_\_ Zip Code \_\_\_\_\_

III. CERTIFICATE:

I, the undersigned, possessing at least a valid general radiotelephone license from the Federal Communications Commission or a Certified Electronic Technician Certificate issued by a Federal Communications Commission Commercial Operators Examination Manager, do attest and acknowledge that I, did this day personally subject the above equipment to technical examination and operational testing with the resulting determination that it is operationally sound, accurate, and meets the established standards.

This the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_
(Year) Signature of Testing Technician

NOTE: THIS CERTIFICATE OF ACCURACY SHALL BE VALID FOR A PERIOD OF TWELVE (12) CALENDAR MONTHS FROM THE DAY OF ITS EXECUTION [G.S. 8-50.2(c) AND 12 NCAC 9C .0607]. This form is developed and distributed under 12 NCAC 9C .0607 by the North Carolina Criminal Justice Education and Training Standards Commission for uniform utilization in accord with G.S. 8-50.2. The Commission does not serve as a repository or maintain files on equipment testing and calibration certificates.

Original - organization/agency. 1st copy - individual unit. 2nd copy - testing technician.