

LIDAR CERTIFICATE OF ACCURACY

21-04

I hereby certify the following STALKER® LIDAR Speed Measuring Device Serial # LF006255

Under my supervision, this Speed Measuring Device has been checked for accuracy and correct operation to the manufacturer's specifications. All tests performed per the IACP LIDAR Performance Standards Vol. 1, Oct. 15, 2006.

This STALKER® LIDAR Speed Measuring Device is certified accurate within +1 mph, -2 mph (+2 km/h, -3 km/h) for speed measurements and to within ± 1 foot (± 1 meter) for distance measurements.

The Laser wavelength of this Speed Measuring Device has been tested and found to be within the specified limits of 905 ± 10 nanometers.

The Laser pulse repetition rate of this Speed Measuring Device has been measured and found to be within the specified limits of $130 \pm 0.1\%$ pulses per second.

The transmitted power of this Speed Measuring Device has been tested and found to be within the F.D.A. (Food and Drug Administration) standard for a Class 1 Laser device and is determined to be EYESAFE.

All test instruments are traceable to NIST.

Technician (signature) 

Date: 07/02/2021

Technician: Jeff Jones

Tested at approximately 23°C

Technician overseen by: Roland Rickerd

Applied Concepts, Inc. | Plano, Texas 75074

011-0002-00 Rev F
112745