

Court
copy

**CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"**

**STATE OF WASHINGTON
COUNTY OF KING**

I, Edward E. Cole, swear under penalty of perjury of the laws of the State of Washington that the following is true and correct:

- 1) I am employed by, and proprietor of, **Wescom Communications** located at 207 SW 41st Street, Renton WA 98055, telephone (425) 251-6666;
- 2) In this employment, I maintain, repair, calibrate and certify the accuracy of electronic speed measuring devices;
- 3) Wescom is retained by the **City of Renton Police Department** to maintain, repair, calibrate and certify electronic speed measuring devices;
- 4) I have the following education, experience and qualifications with respect to maintaining, repairing, calibrating and certifying speed measuring devices:
 - a) I hold a Federal Communications Commission license with, a radar endorsement; dated August 1984, license **#PG-14-1247**;
 - b) I am a N.A.B.E.R. Certified Electronic Technician, and hold a National Association of Business and Educational Radio certificate, dated August 1984;
 - c) I have successfully completed a two (2) year course at Clover Park Vocational Technical College and hold a Land, Mobile, Marine Communications certificate, dated July 1985;
 - d) I have successfully completed a radar Manufacturer's training course which encompassed the design and construction of radar instruments, the repair, maintenance, calibration and certifying of speed measuring devices, and hold a Kustom Traffic Radar Safety Systems certificate, dated May 1987;
 - e) I have accumulated over 30 years and approximately thirty thousand (30,000) hours in repair, maintenance, calibration and certification of speed measuring devices, as of the date of this affidavit;
- 5) Wescom is an authorized service center for speed measuring devices, and as a course of business, maintains service manuals with schematics on these radar instruments, of which I am personally familiar, and make these available for inspection, upon request, at the above office address, for any contest of a notice of infraction;
- 6) Through education and experience, am personally familiar with the design, construction, and operation of these speed measuring devices, which are designed and constructed to accurately employ the Doppler radar principal;

- 7) Wescom maintains a quality assurance testing, calibration, and certification program wherein each speed measuring device is routinely inspected and tested approximately every **12 months** by the following means;
- a) **Precision Signal Generator test**; a frequency injection test which simulates a vehicle's speed through changing frequencies wherein each speed measuring device must correctly measure and register those simulated speeds in order to be certified accurate;
 - b) **General Operation and Maintenance Check**, wherein all components of the speed measuring device are checked for accurate operation;
 - c) **Internal Calibration Test**, wherein each speed measuring device's internal calibration is verified ;
 - d) **Radio Frequency Interference Check**, wherein each speed measuring device's Radio Frequency Interference detection circuitry is verified;
 - e) **Tuning Fork Test**, wherein each speed measuring device's measurement and reading is checked against a known result indicated on the tuning fork;
 - f) **Field Test**, where in all operations of each speed measuring device are checked by testing against conditions in the field;
- 8) The speed measuring device/radar instrument listed below was submitted to **Wescom Communications** by the, **City of Renton Police Department** to be tested and evaluated by the quality assurance program noted above, and pursuant to that request, **I Edward E. Cole**, performed all of the program tests, and found that this speed measuring device/radar met or exceeded existing performance standards;
- 9) Based upon my education, training and experience, and my knowledge of the speed measuring device listed below, it is my opinion that this instrument is so designed and constructed as to accurately and reliably employ the Doppler effect in such a manner that it will give accurate measurements of the speed of motor vehicles, when properly calibrated and operated by a trained operator, to within plus (+) or minus (-) one (1) mile per hour.

Kustom Talon T1323, tuning fork 13172 55mph.	Test Date 09-25-2018
Kustom Falcon FF4836, tuning fork 19523 50mph.	Test Date 09-25-2018
Kustom Falcon FF5002, tuning fork 63500 65mph.	Test Date 09-27-2018
Kustom Falcon FF10398, tuning fork 56558 35mph.	Test Date 09-25-2018
Kustom Falcon FF12507, tuning fork 19529 50mph.	Test Date 09-27-2018
Kustom Falcon FF15364, tuning fork 19215 50mph.	Test Date 09-25-2018
Kustom Falcon FF17570, tuning fork 19245 50mph.	Test Date 09-25-2018
Kustom Falcon FF17678, tuning fork 16848 50mph.	Test Date 09-25-2018
Kustom Falcon FF18303, tuning fork 19171 50mph.	Test Date 09-25-2018

State of Washington

County of King

Signature: 
 Printed Name: Edward E. Cole

Date and Place 9-27-2018 Renton, Wa.

Court Copy

**CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"**

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2017 SEP 27 AM 11:02

STATE OF WASHINGTON
COUNTY OF KING

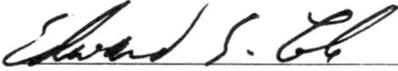
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- 9) Based upon my education, training and experience, and my knowledge of the speed measuring device listed below, it is my opinion that this instrument is so designed and constructed as to accurately and reliably employ the Doppler effect in such a manner that it will give accurate measurements of the speed of motor vehicles, when properly calibrated and operated by a trained operator, to within plus (+) or minus (-) one (1) mile per hour.

Kustom Talon T1323, tuning fork 13172 55mph. Test Date 09-14-2017

State of Washington
County of King

Signature: 
Printed Name: Edward E. Cole

Date and Place 9-14-2017 Renton, Wa.

CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"

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RENTON MUNICIPAL COURT

16 JUN 14 PM 1:54

STATE OF WASHINGTON
COUNTY OF KING

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8) The speed measuring device/radar instrument listed below was submitted to **Wescom Communications** by the, **City of Renton Police Department** to be tested and evaluated by the quality assurance program noted above, and pursuant to that request, **I Edward E. Cole**, performed all of the program tests, and found that this speed measuring device/radar met or exceeded existing performance standards;

9) Based upon my education, training and experience, and my knowledge of the speed measuring device listed below, it is my opinion that this instrument is so designed and constructed as to accurately and reliably employ the Doppler effect in such a manner that it will give accurate measurements of the speed of motor vehicles, when properly calibrated and operated by a trained operator, to within plus (+) or minus (-) one (1) mile per hour.

Kustom Talon T1323, tuning fork 13172 55mph. Test Date 06-13-2016.

State of Washington
County of King

Signature: 
Printed Name: Edward E. Cole

Date and Place 6-13-2016 Renton, Wa.

Court copy

**CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"**

FILED
MUNICIPAL COURT
15 JUN 17 AM 7:22

**STATE OF WASHINGTON
COUNTY OF KING**

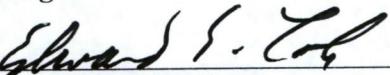
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Kustom Talon T1323, tuning fork 13172 55mph. Test Date 06-11-2015.

State of Washington
County of King

Signature: 
Printed Name: Edward E. Cole

Date and Place 6-11-2015 Renton, Wa.

COURTY COPY

CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"

FILED
MUNICIPAL COURT
14 APR 30 AM 7:37

STATE OF WASHINGTON
COUNTY OF KING

I, **Edward E. Cole**, swear under penalty of perjury of the laws of the **State of Washington** that the following is true and correct:

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Kustom Talon T1323, tuning fork 13172 55mph. Test Date 04-14-2014.

State of Washington

County of King

Signature: _____

Edward E. Cole

Printed Name: Edward E. Cole

Date and Place _____

4-14-2014

Renton, Wa.

COURT COPY

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MUNICIPAL COURT
13 APR 18 AM 7:26

**CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
OF SPEED MEASURING DEVICES "RADAR"**

**STATE OF WASHINGTON
COUNTY OF KING**

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THE HISTORY OF THE UNITED STATES

BY JOHN B. HENNINGSEN

The history of the United States is a story of a people who have grown from a small colony of English settlers to a great nation of free men and women. It is a story of struggle and achievement, of hope and despair, of triumph and tragedy.

In the beginning, the Pilgrims came to the New World seeking a better life, a place where they could worship God as they saw fit. They found a land of opportunity, but also a land of hardship and danger.

As the years passed, the colonies grew in number and in size. They developed their own laws and customs, and they began to look upon themselves as a people distinct from the mother country.

But the British government would not allow the colonies to govern themselves. It imposed taxes and laws that the colonists felt were unjust. They fought for their rights, and they won.

The American Revolution was a war for independence. It was a war that changed the course of history. It was a war that created a new nation, a nation of free men and women.

The new nation was born in 1776. It was a nation of hope and promise. It was a nation that believed in the rights of all people, and it was a nation that was determined to live up to those beliefs.

But the road ahead was not easy. There were many challenges to be met. There were many battles to be fought. There were many sacrifices to be made.

Yet, through it all, the United States has remained a nation of hope and promise. It has remained a nation of free men and women, and it has remained a nation that believes in the rights of all people.

Today, the United States is a great nation. It is a nation of many peoples, many languages, and many cultures. It is a nation that has achieved many great things, and it is a nation that continues to strive for a better future.

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Kustom Talon T1323, tuning forks 13172 55mph. Test Date 03-05-2013.

State of Washington
County of King

Signature: *Edward E. Cole*
Printed Name: Edward E. Cole

Date and Place 3-5-2013 Renton, Wa.

The first part of the report deals with the general situation of the country. It is a very interesting and detailed study of the economic and social conditions of the country. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

The second part of the report deals with the specific details of the country's economy. It is a very thorough and detailed study of the various industries and sectors of the economy. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

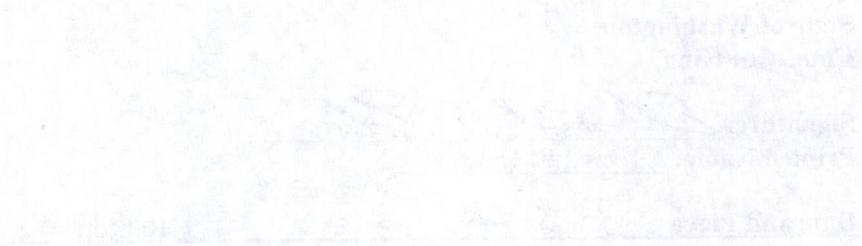


Figure 1: Trend of the variable over time.

CERTIFICATION CONCERNING DESIGN & CONSTRUCTION
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12 JAN 10 AM 8:53

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**Kustom Talon T1323, tuning fork 13172 55mph.
Test Date 01-06-2012.**

State of Washington
County of King

Signature: Edward E. Cole Printed Name: Edward E. Cole

Date and Place 1-6-2012 Renton, Wa.