

CERTIFICATE OF CALIBRATION

ISSUED BY Steve Callaghan

DATE OF ISSUE 23 September 2025

CERTIFICATE NUMBER 34/2025



9944

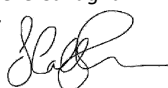


Road Safety Support Ltd
Unit 6 Sovereign Park
Cleveland Way
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Hertfordshire
HP2 7DA

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Approved Signatory

Name: Steve Callaghan

Signature: 

SLOPE (Calibration Factor) 1.012

Speedmeter Indication (mph)	Reference Speed (mph)
20.2	20.2
26.2	26.3
30.7	30.7
41.5	42.5
47	47.3
54.7	55.1
60	60.7
70	70.8
80	80.9
90	91.0
100	101.2
110	111.3
120	121.4

Reference speeds in *italics* were calculated using a multi-point linear regression calibration of a linear instrument

The results within this calibration certificate apply only to the equipment identified by the vehicle identification number:
10000-000400030

There were no deviations from the method

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 9944

Certificate Number 34/2025

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Venue Clyst Honiton Bypass, Devon
Calibration Date 22 September 2025
Temperature deg C 14.609091

RSS Test Technician 1 Steve Callaghan
Customer Representative Gary WILLIAMSON, Devon & Cornwall Police
Email gary.williamson@devonandcornwall.pnn.police.uk
Phone Phone: 01392 497531

Manufacturer Hazen
Model Hazen VistaPro
Equipment Serial Number 10000-000400030

Max Speed Reading Value 120
Condition of equipment New system in use for 4 months

Vbox file name VBOX0001.vbo; VBOX0002.vbo

Uncertainty Budget

Symbol	Source of uncertainty	Value (mph)	Probability distribution	Divisor	ci	U(w)	Squares
a1 type B	Quoted accuracy of speed indication (0.1km/h) 0.062km/h or 0.0311mph	0.0311	Rectangle	1.732050808	1	0.018	0.00032240
a2 type B	Quoted resolution of speed indication (0.01km/h) finite resolution 0.005km/h or 0.0031mph	0.0031	Rectangle	1.732050808	1	0.0018	0.00000320
a3 type B	Resolution of equipment under test 1mph finite resolution 0.5mph, 1 mph truncating	1	Rectangle	1.732050808	1	0.577	0.33333333
a3 type B	REPEATABILITY (The amount by which the test vehicle speed has varied in the analysis of the data)	0.919	Rectangle	1.732050808	1	0.531	0.28152033

Combined uncertainty

		Normal	2	Sum squares	0.61517927
				sqrt	0.78433365
U	Expanded uncertainty	k coverage			1.568667298
				coverage	0.95000000

Uncertainty**+/- 1.569 mph**

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a coverage probability of approximately 95% The uncertainty evaluation has been carried out in accordance with UKAS requirements