



**Certificate of Compliance
for the
Calibration of Redflex Camera Enforcement System**

We, Redflex Traffic Systems Pty Ltd of 31 Market Street, South Melbourne, Victoria, Australia 3205 hereby certify that the Redflex Enforcement Camera system comprising of the components as listed below, has been calibrated according to the Home Office Speed Meter Handbook (fourth edition) 15/05, and the timing of the secondary check has been verified and both comply with the terms of the specification for type approval.

Location	Dorset
Redflex NK7 - Serial number:	NK7-00303
Speed Radar - Serial number:	115523-0001
Tracking Radar - Serial number:	115522-0021
Date of calibration:	14/03/2022
Certificate Number:	CV10103370
Calibration carried out by:	Martin Watson
Signature:	
Checked By:	Ron Moore
Signature:	



CERTIFICATION RECORD

CALIBRATION CERTIFICATE NUMBER:	CV10103370	REDFLEX NK7 SERIAL NUMBER:	NK7-00303
SR CERTIFICATE NUMBER:	<i>706380</i>	SERIAL NUMBER:	<i>115523-0001</i>
PRODUCT MODEL:	AGD SR-340		
FIRMWARE VERSION:	<i>MI-096-1</i>	TEST SOFTWARE VERSION:	<i>1.3.1.7</i>
DATE OF CERTIFICATION:	<i>14 March 2022</i>	RADAR TEMPERATURE (°C):	<i>33.25</i>
RELATIVE HUMIDITY (%):	<i>46.00</i>	AMBIENT TEMPERATURE (°C):	<i>23.00</i>
CERTIFICATION TEST PROCEDURE REFERENCE:	See 1201-007 REDFLEXradar-Certification System User Manual		
DESCRIPTION	COMMENT		Pass/Fail
EQUIPMENT TESTS			<i>Pass</i>
VISUAL INSPECTION			<i>Pass</i>
SPEED MEASUREMENTS			<i>Pass</i>
DESCRIPTION	MEASURED	LIMITS	
TRANSMIT FREQUENCY MEASUREMENT (GHz)	<i>24.09535402</i>	24.080 - 24.120	<i>Pass</i>
TRACEABILITY RECORDS OF INSTRUMENTS USED IN CERTIFICATION TEST			
INSTRUMENT DESCRIPTION:	SERIAL NUMBER:	CALIBRATION CERTIFICATE NUMBER:	NEXT CALIBRATION DUE DATE:
TEKTRONIX AFG3022B Function Generator	<i>C037185</i>	<i>21081150</i>	<i>19th August 2022</i>
PENDULUM CNT-90XL Frequency Counter	<i>178903</i>	<i>3690360001</i>	<i>01st November 2022</i>
FLUKE 971 Temperature Humidity Meter	<i>17580804</i>	<i>21100752</i>	<i>14th October 2022</i>
AGD MC-116 Target Simulator	<i>117117-00017</i>	<i>116062</i>	<i>25th September 2022</i>
CERTIFICATION TEST CARRIED OUT BY:	Martin Watson	NEXT CERTIFICATION TEST DUE:	13 March 2023
CHECKED BY	Ron Moore	<i>Template V20201215 (SR)</i>	



SPEED MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:	CV10103370	REDFLEX NK7 SERIAL NUMBER:	NK7-00303
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SERIAL NO: *115523-0001*

Simulated Speed (mph)	Measured Speed (mph)				Speed Limits (mph)	Pass/Fail
	Advancing Min	Advancing Max	Receding Min	Receding Max		
13.05	<i>13.05</i>	<i>13.05</i>	<i>13.05</i>	<i>13.05</i>	12.74 - 13.36	<i>Pass</i>
18.64	<i>18.58</i>	<i>18.63</i>	<i>18.58</i>	<i>18.63</i>	18.33 - 18.95	<i>Pass</i>
24.85	<i>24.85</i>	<i>24.85</i>	<i>24.85</i>	<i>24.85</i>	24.54 - 25.17	<i>Pass</i>
31.07	<i>31.01</i>	<i>31.02</i>	<i>31.01</i>	<i>31.02</i>	30.76 - 31.38	<i>Pass</i>
37.28	<i>37.28</i>	<i>37.28</i>	<i>37.28</i>	<i>37.28</i>	36.97 - 37.59	<i>Pass</i>
43.50	<i>43.43</i>	<i>43.43</i>	<i>43.43</i>	<i>43.43</i>	43.19 - 43.81	<i>Pass</i>
49.71	<i>49.71</i>	<i>49.71</i>	<i>49.71</i>	<i>49.71</i>	49.40 - 50.02	<i>Pass</i>
55.92	<i>55.86</i>	<i>55.86</i>	<i>55.86</i>	<i>55.86</i>	55.61 - 56.23	<i>Pass</i>
62.14	<i>62.14</i>	<i>62.14</i>	<i>62.14</i>	<i>62.14</i>	61.83 - 62.45	<i>Pass</i>
68.35	<i>68.29</i>	<i>68.29</i>	<i>68.29</i>	<i>68.29</i>	68.04 - 68.66	<i>Pass</i>
74.56	<i>74.56</i>	<i>74.56</i>	<i>74.50</i>	<i>74.56</i>	74.25 - 74.88	<i>Pass</i>
80.78	<i>80.72</i>	<i>80.72</i>	<i>80.72</i>	<i>80.72</i>	80.47 - 81.09	<i>Pass</i>
86.99	<i>86.93</i>	<i>86.98</i>	<i>86.93</i>	<i>86.98</i>	86.68 - 87.30	<i>Pass</i>
93.21	<i>93.14</i>	<i>93.14</i>	<i>93.14</i>	<i>93.14</i>	92.89 - 93.52	<i>Pass</i>
99.42	<i>99.36</i>	<i>99.36</i>	<i>99.36</i>	<i>99.36</i>	99.11 - 99.73	<i>Pass</i>
105.63	<i>105.57</i>	<i>105.57</i>	<i>105.57</i>	<i>105.57</i>	105.32 - 105.94	<i>Pass</i>
111.85	<i>111.78</i>	<i>111.78</i>	<i>111.78</i>	<i>111.78</i>	111.54 - 112.16	<i>Pass</i>
118.06	<i>118.00</i>	<i>118.00</i>	<i>118.00</i>	<i>118.00</i>	117.75 - 118.37	<i>Pass</i>
124.27	<i>124.21</i>	<i>124.21</i>	<i>124.21</i>	<i>124.21</i>	123.96 - 124.58	<i>Pass</i>
136.70	<i>136.58</i>	<i>136.64</i>	<i>136.64</i>	<i>136.64</i>	136.39 - 137.01	<i>Pass</i>
149.13	<i>149.00</i>	<i>149.03</i>	<i>149.00</i>	<i>149.03</i>	148.82 - 149.44	<i>Pass</i>
161.56	<i>161.43</i>	<i>161.43</i>	<i>161.43</i>	<i>161.43</i>	161.25 - 161.87	<i>Pass</i>
173.98	<i>173.86</i>	<i>173.86</i>	<i>173.86</i>	<i>173.86</i>	173.67 - 174.29	<i>Pass</i>
186.41	<i>186.29</i>	<i>186.29</i>	<i>186.29</i>	<i>186.29</i>	186.10 - 186.72	<i>Pass</i>

Template V20201215 (SR)



CERTIFICATION RECORD

CALIBRATION CERTIFICATE NUMBER:	CV10103370	REFLEX NK7 SERIAL NUMBER:	NK7-00303
TR CERTIFICATE NUMBER:	31700879	SERIAL NUMBER:	115522-0021
PRODUCT MODEL:	AGD TR-317		
BIOS VERSION:	MI-135-7	DSP SOFTWARE VERSION:	MI-144-9
PIC FIRMWARE VERSION:	N/A	TEST SOFTWARE VERSION:	1.3.1.7
DATE OF CERTIFICATION:	14 March 2022	RADAR TEMPERATURE (°C):	N/A
RELATIVE HUMIDITY (%):	46.70	AMBIENT TEMPERATURE (°C):	22.60
CALIBRATED BANDWIDTH (MHz):	41.70		
CERTIFICATION TEST PROCEDURE REFERENCE:	See 1201-007 REDFLEXradar-Certification System User Manual		
DESCRIPTION	COMMENT		
EQUIPMENT TESTS			Pass
VISUAL INSPECTION			Pass
SPEED AND RANGE MEASUREMENTS			Pass
DESCRIPTION	MEASURED	LIMITS	PASS/FAIL
TRANSMIT FREQUENCY MEASUREMENT (GHz)	24.12442349	24.123 - 24.127	Pass
BANDWIDTH MEASUREMENT (MHz)	41.70	40.00 - 44.00	Pass
TRACEABILITY RECORDS OF INSTRUMENTS USED IN CERTIFICATION TEST			
INSTRUMENT DESCRIPTION:	SERIAL NUMBER:	CALIBRATION CERTIFICATE NUMBER:	NEXT CALIBRATION DUE DATE:
TEKTRONIX AFG3022B Function Generator	C037185	21081150	19th August 2022
PENDULUM CNT-90XL Frequency Counter	178903	3690360001	01st November 2022
FLUKE 971 Temperature Humidity Meter	17580804	21100752	14th October 2022
AGD MC-116 Target Simulator	117117-00017	116062	25th September 2022
CERTIFICATION TEST CARRIED OUT BY:	Martin Watson	NEXT CERTIFICATION TEST DUE:	13 March 2023
CHECKED BY:	Ron Moore	Template V20201215 (TR)	



SPEED AND RANGE MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:	CV10103370	REDFLEX NK7 SERIAL NUMBER:	NK7-00303
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SERIAL NO: 115522-0021

Simulated Range (m)	Simulated Speed (mph)	Measured Advancing Range (m)	Measured Advancing Speed (mph)	Measured Receding Range (m)	Measured Receding Speed (mph)	Range Limits (m)	Speed Limits (mph)	Pass/Fail
23.80	31.07	23.93	31.06	23.76	31.01	22.10 - 25.50	30.76 - 31.38	Pass
23.80	62.14	24.00	62.14	23.70	62.14	22.10 - 25.50	61.83 - 62.45	Pass
23.80	93.21	24.10	93.32	23.60	93.27	22.10 - 25.50	92.89 - 93.52	Pass
23.80	124.27	24.14	124.34	23.57	124.34	22.10 - 25.50	123.96 - 124.58	Pass
23.80	155.34	24.15	155.34	23.58	155.34	22.10 - 25.50	155.03 - 155.65	Pass
23.80	186.41	24.08	186.44	23.62	186.41	22.10 - 25.50	186.10 - 186.72	Pass
51.00	7.46	51.10	7.52	51.10	7.46	49.30 - 52.70	7.15 - 7.77	Pass
51.00	12.43	51.11	12.49	51.10	12.37	49.30 - 52.70	12.12 - 12.74	Pass
51.00	18.64	51.18	18.70	51.02	18.66	49.30 - 52.70	18.33 - 18.95	Pass
51.00	24.85	51.20	24.89	51.00	24.85	49.30 - 52.70	24.54 - 25.17	Pass
51.00	31.07	51.20	31.07	51.00	31.01	49.30 - 52.70	30.76 - 31.38	Pass
51.00	37.28	51.20	37.34	51.00	37.22	49.30 - 52.70	36.97 - 37.59	Pass
51.00	43.50	51.20	43.58	51.00	43.56	49.30 - 52.70	43.19 - 43.81	Pass
51.00	49.71	51.23	49.77	50.97	49.71	49.30 - 52.70	49.40 - 50.02	Pass
51.00	55.92	51.30	55.92	50.90	55.86	49.30 - 52.70	55.61 - 56.23	Pass
51.00	62.14	51.30	62.20	50.90	62.07	49.30 - 52.70	61.83 - 62.45	Pass
51.00	68.35	51.30	68.48	50.90	68.41	49.30 - 52.70	68.04 - 68.66	Pass
51.00	74.56	51.30	74.63	50.90	74.56	49.30 - 52.70	74.25 - 74.88	Pass
51.00	80.78	51.30	80.78	50.90	80.72	49.30 - 52.70	80.47 - 81.09	Pass
51.00	86.99	51.32	87.05	50.89	86.93	49.30 - 52.70	86.68 - 87.30	Pass
51.00	93.21	51.37	93.33	50.84	93.27	49.30 - 52.70	92.89 - 93.52	Pass
51.00	99.42	51.39	99.48	50.80	99.42	49.30 - 52.70	99.11 - 99.73	Pass
51.00	105.63	51.40	105.63	50.80	105.59	49.30 - 52.70	105.32 - 105.94	Pass
51.00	111.85	51.40	111.91	50.80	111.79	49.30 - 52.70	111.54 - 112.16	Pass
51.00	118.06	51.40	118.18	50.80	118.12	49.30 - 52.70	117.75 - 118.37	Pass
51.00	124.27	51.40	124.34	50.80	124.34	49.30 - 52.70	123.96 - 124.58	Pass
51.00	136.70	51.40	136.76	50.80	136.67	49.30 - 52.70	136.39 - 137.01	Pass
51.00	149.13	51.40	149.19	50.80	149.19	49.30 - 52.70	148.82 - 149.44	Pass
51.00	161.56	51.40	161.62	50.80	161.56	49.30 - 52.70	161.25 - 161.87	Pass
51.00	173.98	51.37	174.11	50.82	174.05	49.30 - 52.70	173.67 - 174.29	Pass
51.00	186.41	51.30	186.47	50.90	186.41	49.30 - 52.70	186.10 - 186.72	Pass
81.60	31.07	81.86	31.07	81.70	31.01	79.90 - 83.30	30.76 - 31.38	Pass
81.60	62.14	81.91	62.20	81.60	62.07	79.90 - 83.30	61.83 - 62.45	Pass
81.60	93.21	82.00	93.33	81.50	93.26	79.90 - 83.30	92.89 - 93.52	Pass
81.60	124.27	82.04	124.34	81.49	124.27	79.90 - 83.30	123.96 - 124.58	Pass
81.60	155.34	82.05	155.40	81.48	155.34	79.90 - 83.30	155.03 - 155.65	Pass
81.60	186.41	81.99	186.47	81.52	186.36	79.90 - 83.30	186.10 - 186.72	Pass

Template V20201215 (TR)