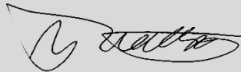




**Certificate of Compliance
for the
Calibration of Redflex Camera Enforcement System**

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:	NK7-00321
Speed Radar - Serial number:	115523-0019
Tracking Radar - Serial number:	115522-0024
Date of calibration:	16/05/2022
Certificate Number:	CV10103428
Calibration carried out by:	Martin Watson
Signature:	
Checked By:	Ron Moore
Signature:	



CERTIFICATION RECORD

CALIBRATION CERTIFICATE NUMBER:	CV10103428	REFLEX NK7 SERIAL NUMBER:	NK7-00321
SR CERTIFICATE NUMBER:	706398	SERIAL NUMBER:	115523-0019
PRODUCT MODEL:	AGD SR-340		
FIRMWARE VERSION:	MI-096-1	TEST SOFTWARE VERSION:	1.3.1.7
DATE OF CERTIFICATION:	16 May 2022	RADAR TEMPERATURE (°C):	38.19
RELATIVE HUMIDITY (%):	70.00	AMBIENT TEMPERATURE (°C):	21.00
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)	24.09449771	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	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:	15 May 2023
CHECKED BY	Ron Moore	<i>Template V20201215 (SR)</i>	



SPEED MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:	CV10103428	REDFLEX NK7 SERIAL NUMBER:	NK7-00321
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SERIAL NO: *115523-0019*

Simulated Speed (mph)	Measured Speed (mph)				Speed Limits (mph)	Pass/Fail
	Advancing		Receding			
	Min	Max	Min	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>18.64</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>31.04</i>	<i>31.01</i>	<i>31.04</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>43.44</i>	<i>43.43</i>	<i>43.44</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>74.56</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>86.99</i>	<i>86.99</i>	<i>86.99</i>	<i>86.99</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>99.41</i>	<i>99.36</i>	<i>99.41</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>111.79</i>	<i>111.78</i>	<i>111.80</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>136.64</i>	<i>136.64</i>	<i>136.64</i>	<i>136.64</i>	136.39 - 137.01	<i>Pass</i>
149.13	<i>149.07</i>	<i>149.07</i>	<i>149.07</i>	<i>149.07</i>	148.82 - 149.44	<i>Pass</i>
161.56	<i>161.43</i>	<i>161.48</i>	<i>161.43</i>	<i>161.48</i>	161.25 - 161.87	<i>Pass</i>
173.98	<i>173.86</i>	<i>173.87</i>	<i>173.86</i>	<i>173.87</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:	CV10103428	REDFLEX NK7 SERIAL NUMBER:	NK7-00321
TR CERTIFICATE NUMBER:	<i>31700882</i>	SERIAL NUMBER:	<i>115522-0024</i>
PRODUCT MODEL:	AGD TR-317		
BIOS VERSION:	<i>MI-135-7</i>	DSP SOFTWARE VERSION:	<i>MI-144-9</i>
PIC FIRMWARE VERSION:	<i>N/A</i>	TEST SOFTWARE VERSION:	<i>1.3.1.7</i>
DATE OF CERTIFICATION:	<i>16 May 2022</i>	RADAR TEMPERATURE (°C):	<i>N/A</i>
RELATIVE HUMIDITY (%):	<i>70.40</i>	AMBIENT TEMPERATURE (°C):	<i>20.50</i>
CALIBRATED BANDWIDTH (MHz):	<i>41.60</i>		
CERTIFICATION TEST PROCEDURE REFERENCE:	See 1201-007 REDFLEXradar-Certification System User Manual		
DESCRIPTION	COMMENT		
EQUIPMENT TESTS			<i>Pass</i>
VISUAL INSPECTION			<i>Pass</i>
SPEED AND RANGE MEASUREMENTS			<i>Pass</i>
DESCRIPTION	MEASURED	LIMITS	PASS/FAIL
TRANSMIT FREQUENCY MEASUREMENT (GHz)	<i>24.12447619</i>	24.123 - 24.127	<i>Pass</i>
BANDWIDTH MEASUREMENT (MHz)	<i>41.60</i>	40.00 - 44.00	<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:	15 May 2023
CHECKED BY:	Ron Moore	<i>Template V20201215 (TR)</i>	



SPEED AND RANGE MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:	CV10103428	REDFLEX NK7 SERIAL NUMBER:	NK7-00321
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SERIAL NO: 115522-0024

Simulated Range (m)	Simulated Speed (mph)	Measured Advancing		Measured Receding		Range Limits (m)	Speed Limits (mph)	Pass/Fail
		Range (m)	Speed (mph)	Range (m)	Speed (mph)			
23.80	31.07	23.96	31.04	23.73	31.01	22.10 - 25.50	30.76 - 31.38	Pass
23.80	62.14	24.04	62.14	23.66	62.14	22.10 - 25.50	61.83 - 62.45	Pass
23.80	93.21	24.10	93.29	23.60	93.27	22.10 - 25.50	92.89 - 93.52	Pass
23.80	124.27	24.20	124.34	23.50	124.34	22.10 - 25.50	123.96 - 124.58	Pass
23.80	155.34	24.20	155.34	23.50	155.34	22.10 - 25.50	155.03 - 155.65	Pass
23.80	186.41	24.10	186.42	23.60	186.41	22.10 - 25.50	186.10 - 186.72	Pass
51.00	7.46	51.10	7.52	51.10	7.52	49.30 - 52.70	7.15 - 7.77	Pass
51.00	12.43	51.12	12.46	51.10	12.40	49.30 - 52.70	12.12 - 12.74	Pass
51.00	18.64	51.20	18.70	51.00	18.70	49.30 - 52.70	18.33 - 18.95	Pass
51.00	24.85	51.20	24.85	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	37.30	51.00	37.26	49.30 - 52.70	36.97 - 37.59	Pass
51.00	43.50	51.23	43.56	51.00	43.56	49.30 - 52.70	43.19 - 43.81	Pass
51.00	49.71	51.30	49.77	50.90	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	62.16	50.90	62.12	49.30 - 52.70	61.83 - 62.45	Pass
51.00	68.35	51.30	68.43	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	51.36	80.78	50.88	80.73	49.30 - 52.70	80.47 - 81.09	Pass
51.00	86.99	51.40	87.00	50.80	86.99	49.30 - 52.70	86.68 - 87.30	Pass
51.00	93.21	51.40	93.33	50.80	93.27	49.30 - 52.70	92.89 - 93.52	Pass
51.00	99.42	51.40	99.48	50.80	99.48	49.30 - 52.70	99.11 - 99.73	Pass
51.00	105.63	51.40	105.63	50.80	105.63	49.30 - 52.70	105.32 - 105.94	Pass
51.00	111.85	51.40	111.87	50.80	111.85	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	136.74	50.80	136.70	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	161.61	50.80	161.56	49.30 - 52.70	161.25 - 161.87	Pass
51.00	173.98	51.40	174.08	50.80	174.05	49.30 - 52.70	173.67 - 174.29	Pass
51.00	186.41	51.34	186.47	50.89	186.41	49.30 - 52.70	186.10 - 186.72	Pass
81.60	31.07	81.90	31.07	81.70	31.01	79.90 - 83.30	30.76 - 31.38	Pass
81.60	62.14	82.00	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	93.27	79.90 - 83.30	92.89 - 93.52	Pass
81.60	124.27	82.10	124.34	81.40	124.34	79.90 - 83.30	123.96 - 124.58	Pass
81.60	155.34	82.10	155.40	81.41	155.34	79.90 - 83.30	155.03 - 155.65	Pass
81.60	186.41	82.00	186.47	81.50	186.41	79.90 - 83.30	186.10 - 186.72	Pass

Template V20201215 (TR)