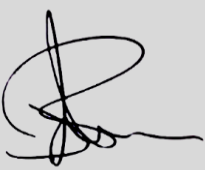




**Certificate of Compliance
for the
Calibration of Redflex Camera Enforcement System**

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	4434A - M1
Redflex NK7 - Serial number:	HAD00138
Speed Radar - Serial number:	32821-00901
Tracking Radar - Serial number:	36408-00018
Date of calibration:	18/02/2020
Certificate Number:	CV10102293
Calibration carried out by:	Martin Watson
Signature:	
Checked By:	Ron Moore
Signature:	



CERTIFICATION RECORD

CALIBRATION CERTIFICATE NUMBER:	CV10102293	REDFLEX NK7 SERIAL NUMBER:	HAD00138
SR CERTIFICATE NUMBER:	<i>34200012</i>	SERIAL NUMBER:	<i>32821-00901</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>18 February 2020</i>	RADAR TEMPERATURE (°C):	<i>30.87</i>
RELATIVE HUMIDITY (%):	<i>35.20</i>	AMBIENT TEMPERATURE (°C):	<i>23.30</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>24.09007269</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>C014082</i>	<i>20010679</i>	<i>15 January 2021</i>
PENDULUM CNT-90XL Frequency Counter	<i>413964</i>	<i>3208860001</i>	<i>16 January 2021</i>
FLUKE 971 Temperature Humidity Meter	<i>35181596</i>	<i>20010680</i>	<i>15 January 2021</i>
AGD MC-116 Target Simulator	<i>106553-0002</i>	<i>116055</i>	<i>21st January 2021</i>
CERTIFICATION TEST CARRIED OUT BY:	Martin Watson	NEXT CERTIFICATION TEST DUE:	16 February 2021
CHECKED BY	Ron Moore	<i>Template V20190304 (SR)</i>	



SPEED MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:			CV10102293		REDFLEX NK7 SERIAL NUMBER:		HAD00138	
SERIAL NO: 32821-00901								
Simulated Speed (mph)	Measured Speed (mph)				Speed Limits (mph)	Pass/Fail		
	Advancing		Receding					
	Min	Max	Min	Max				
13.05	13.05	13.05	13.05	13.05	12.74 - 13.36	Pass		
18.64	18.58	18.63	18.58	18.64	18.33 - 18.95	Pass		
24.85	24.85	24.85	24.85	24.85	24.54 - 25.17	Pass		
31.07	31.01	31.03	31.01	31.03	30.76 - 31.38	Pass		
37.28	37.28	37.28	37.28	37.28	36.97 - 37.59	Pass		
43.50	43.43	43.43	43.43	43.43	43.19 - 43.81	Pass		
49.71	49.71	49.71	49.71	49.71	49.40 - 50.02	Pass		
55.92	55.86	55.86	55.86	55.86	55.61 - 56.23	Pass		
62.14	62.14	62.14	62.14	62.14	61.83 - 62.45	Pass		
68.35	68.29	68.29	68.29	68.29	68.04 - 68.66	Pass		
74.56	74.56	74.56	74.56	74.56	74.25 - 74.88	Pass		
80.78	80.72	80.72	80.72	80.72	80.47 - 81.09	Pass		
86.99	86.93	86.99	86.93	86.99	86.68 - 87.30	Pass		
93.21	93.14	93.14	93.14	93.14	92.89 - 93.52	Pass		
99.42	99.36	99.38	99.36	99.38	99.11 - 99.73	Pass		
105.63	105.57	105.57	105.57	105.57	105.32 - 105.94	Pass		
111.85	111.78	111.78	111.78	111.78	111.54 - 112.16	Pass		
118.06	118.00	118.00	118.00	118.00	117.75 - 118.37	Pass		
124.27	124.21	124.21	124.21	124.21	123.96 - 124.58	Pass		
136.70	136.64	136.64	136.64	136.64	136.39 - 137.01	Pass		
149.13	149.00	149.06	149.00	149.06	148.82 - 149.44	Pass		
161.56	161.43	161.44	161.43	161.44	161.25 - 161.87	Pass		
173.98	173.86	173.86	173.86	173.86	173.67 - 174.29	Pass		
186.41	186.29	186.29	186.29	186.29	186.10 - 186.72	Pass		
					Template V20190304 (SR)			



CERTIFICATION RECORD

CALIBRATION CERTIFICATE NUMBER:	CV10102293	REDFLEX NK7 SERIAL NUMBER:	HAD00138
TR CERTIFICATE NUMBER:	31700154	SERIAL NUMBER:	36408-00018
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:	18 February 2020	RADAR TEMPERATURE (°C):	N/A
RELATIVE HUMIDITY (%):	35.20	AMBIENT TEMPERATURE (°C):	23.10
CALIBRATED BANDWIDTH (MHz):	41.30		
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)	24.12435181	24.123 - 24.127	Pass
BANDWIDTH MEASUREMENT (MHz)	42.00	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	C014082	20010679	15th January 2021
PENDULUM CNT-90XL Frequency Counter	413964	3208860001	16th January 2021
FLUKE 971 Temperature Humidity Meter	35181596	20010680	15th January 2021
AGD MC-116 Target Simulator	106553-0002	116055	21st January 2021
CERTIFICATION TEST CARRIED OUT BY:	Martin Watson	NEXT CERTIFICATION TEST DUE:	16 February 2021
CHECKED BY:	Ron Moore	Template V20190304 (TR)	



SPEED AND RANGE MEASUREMENT

CALIBRATION CERTIFICATE NUMBER:	CV10102293	REDFLEX NK7 SERIAL NUMBER:	HAD00138
--	-------------------	-----------------------------------	-----------------

SERIAL NO: 36408-00018

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	23.99	31.07	23.70	31.01	22.10 - 25.50	30.76 - 31.38	Pass
23.80	62.14	24.09	62.20	23.60	62.07	22.10 - 25.50	61.83 - 62.45	Pass
23.80	93.21	24.14	93.33	23.55	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	155.39	23.50	155.34	22.10 - 25.50	155.03 - 155.65	Pass
23.80	186.41	24.10	186.47	23.60	186.41	22.10 - 25.50	186.10 - 186.72	Pass
51.00	7.46	51.10	7.58	51.10	7.46	49.30 - 52.70	7.15 - 7.77	Pass
51.00	12.43	51.12	12.53	51.09	12.35	49.30 - 52.70	12.12 - 12.74	Pass
51.00	18.64	51.20	18.77	51.00	18.64	49.30 - 52.70	18.33 - 18.95	Pass
51.00	24.85	51.20	24.92	51.00	24.83	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	37.40	51.00	37.22	49.30 - 52.70	36.97 - 37.59	Pass
51.00	43.50	51.29	43.62	50.93	43.50	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	62.25	50.90	62.07	49.30 - 52.70	61.83 - 62.45	Pass
51.00	68.35	51.30	68.48	50.90	68.35	49.30 - 52.70	68.04 - 68.66	Pass
51.00	74.56	51.37	74.63	50.85	74.56	49.30 - 52.70	74.25 - 74.88	Pass
51.00	80.78	51.40	80.81	50.80	80.72	49.30 - 52.70	80.47 - 81.09	Pass
51.00	86.99	51.40	87.11	50.80	86.93	49.30 - 52.70	86.68 - 87.30	Pass
51.00	93.21	51.40	93.33	50.80	93.21	49.30 - 52.70	92.89 - 93.52	Pass
51.00	99.42	51.40	99.48	50.80	99.42	49.30 - 52.70	99.11 - 99.73	Pass
51.00	105.63	51.40	105.70	50.80	105.57	49.30 - 52.70	105.32 - 105.94	Pass
51.00	111.85	51.40	111.96	50.80	111.78	49.30 - 52.70	111.54 - 112.16	Pass
51.00	118.06	51.45	118.18	50.77	118.06	49.30 - 52.70	117.75 - 118.37	Pass
51.00	124.27	51.47	124.40	50.74	124.27	49.30 - 52.70	123.96 - 124.58	Pass
51.00	136.70	51.50	136.80	50.71	136.64	49.30 - 52.70	136.39 - 137.01	Pass
51.00	149.13	51.49	149.25	50.71	149.13	49.30 - 52.70	148.82 - 149.44	Pass
51.00	161.56	51.43	161.64	50.77	161.49	49.30 - 52.70	161.25 - 161.87	Pass
51.00	173.98	51.40	174.11	50.80	174.05	49.30 - 52.70	173.67 - 174.29	Pass
51.00	186.41	51.39	186.50	50.81	186.35	49.30 - 52.70	186.10 - 186.72	Pass
81.60	31.07	81.90	31.13	81.64	30.94	79.90 - 83.30	30.76 - 31.38	Pass
81.60	62.14	82.00	62.26	81.52	62.01	79.90 - 83.30	61.83 - 62.45	Pass
81.60	93.21	82.10	93.39	81.49	93.21	79.90 - 83.30	92.89 - 93.52	Pass
81.60	124.27	82.10	124.40	81.40	124.27	79.90 - 83.30	123.96 - 124.58	Pass
81.60	155.34	82.10	155.40	81.40	155.28	79.90 - 83.30	155.03 - 155.65	Pass
81.60	186.41	82.01	186.54	81.50	186.35	79.90 - 83.30	186.10 - 186.72	Pass

Template V20190304 (TR)