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SINCE 1954

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RADAR CERTIFICATION

Unit Information and Certification Summary

Manufacturer:	Kustom Signals	Date Certified:	01-Mar-17
Model:	Raptor RP-1	Expiration Date:	01-Mar-18
Serial Number:	RP21877	Technician Name:	DANIEL GOODWIN
Agency/Location:	NH State Troop HQ	Signature:	<i>Daniel Goodwin</i>

Operational Tests

Controls Operational	[] N/A	[X] Pass	[] Fail
RFI Indicator	[] N/A	[X] Pass	[] Fail
Low Voltage Indicator	Actual Trip Voltage: ND V	[X] N/A	[] Pass [] Fail

Tuning Forks **Number of Forks Tested:** 2

#1	Serial Number: 68667	Operating Band: K	Tested Frequency: 2547 hz
		Stated Speed: 35.0 mph	Tested Speed: 35.4 mph
#2	Serial Number: 63074	Operating Band: K	Tested Frequency: 4741 hz
		Stated Speed: 65.0 mph	Tested Speed: 65.8 mph

Antenna Tests **Number of Antennas Tested:** 2

Antenna 1 (or built-in) S/N: RK28758					Antenna 2 (if applicable) S/N: RK28765				
Operating Band: K					Operating Band: K				
Stated Center Frequency: 24.150 GHz					Stated Center Frequency: 24.150 GHz				
Tested Center Frequency: 24.135 GHz					Tested Center Frequency: 24.123 GHz				
Stationary Mode		Moving @ Patrol 35.0			Stationary Mode		Moving @ Patrol 35.0		
Expected	Actual	Target	Actual Readings		Expected	Actual	Target	Actual Readings	
			Patrol	Target				Patrol	Target
25.0	25.0	30.0	35.0	29.0	25.0	25.0	30.0	35.0	30.0
35.0	35.0	75.0	35.0	75.0	35.0	35.0	75.0	35.0	75.0
45.0	45.0	Moving @ Patrol 65.0			45.0	45.0	Moving @ Patrol 65.0		
55.0	55.0	Target	Actual Readings		55.0	54.0	Target	Actual Readings	
65.0	ND		Patrol	Target	65.0	ND		Patrol	Target
75.0	75.0	30.0	65.0	30.0	75.0	75.0	30.0	65.0	29.0
95.0	95.0	75.0	65.0	75.0	95.0	95.0	75.0	65.0	74.0

All speeds listed in the table above are measured and expressed in Miles Per Hour (MPH)