Rapiscan RPM Operational Testing Checklist

Country:		Date:	
Site Name:		Time (am/pm):	
Lane Name:		Temperature:	°C/°F (circle one)
RPM Model:		RPM Serial Number:	
Step	**Explanation**	**Results**	
1-1	Inspect RPM for physical damage or pest infestation	_Condition:_ 1 2 3 4 5 _(circle one)_ _(1-5 scale = 1 poor to 5 excellent)_ _Notes (damage/rust/moisture):_ _____	

2-1 to 2-3	Initiate a gamma alarm and verify that the red strobe and audible indication are functioning properly	Red strobe on control pillar activated?
		
		       Yes/No (circle one)
		
		Audible Alarm on control pillar activated?
		
		       Yes/No (circle one)
		
		Alarm indicated in CAS?
		
		       Yes/No (circle one)
		
		Alarm indicated on SC-770?
		
		       Yes/No (circle one)
		
		Alarm Indicated on External Alarm Box?
		
		       Yes/No (circle one)
		
		Note any deviations: _____	

2-6 to 2-7	Initiate a gamma hi background fault	Amber LED on control pillar activated? Yes/No (circle one) Fault indicated in CAS? Yes/No (circle one) Fault indicated on SC-770? Yes/No (circle one) Fault Indicated on External Alarm Box? Yes/No (circle one) Note any deviations: _____
2-10 to 2-11	Initiate a gamma lo background fault	Amber LED on control pillar activated? Yes/No (circle one) Fault indicated in CAS? Yes/No (circle one) Fault indicated on SC-770? Yes/No (circle one) Fault Indicated on External Alarm Box? Yes/No (circle one) Note any deviations: _____

3-1 to 3-3	Initiate a neutron alarm and verify that the blue strobe and audible indication are functioning properly	Blue strobe on control pillar activated?
		
		    Yes/No (circle one)
		
		Audible Alarm on control pillar activated?
		
		    Yes/No (circle one)
		
		Alarm indicated in CAS?
		
		    Yes/No (circle one)
		
		Alarm indicated on SC-770?
		
		    Yes/No (circle one)
		
		Alarm Indicated on External Alarm Box?
		
		    Yes/No (circle one)
		
		Note any deviations: _____

3-6 to 3-7	Initiate a neutron hi background fault	Amber LED on control pillar activated?
		
		    Yes/No (circle one)
		
		Fault indicated in CAS?
		
		    Yes/No (circle one)
		
		Fault indicated on SC-770?
		
		    Yes/No (circle one)
		
		Fault Indicated on External Alarm Box?
		
		    Yes/No (circle one)
		
		Note any deviations: _____

4-1 to 4-2	Initiate "Loss of AC" tamper fault	Amber LED on control pillar activated?

4-4 to 4-5	Initiate "cabinet open" tamper fault	Amber LED on control pillar activated? Yes/No (circle one) Fault indicated in CAS? Yes/No (circle one) Fault indicated on SC-770? Yes/No (circle one) Fault Indicated on External Alarm Box? Yes/No (circle one) Note any deviations: _____
Maintenance Provider Signature: _____		Date: _____