

Contractor/Name of Person Performing Maintenance:	
Barrier Location: SCAC	Barrier Model No: RSS- 2000
Barrier Serial No:	Voltage:
Barrier Cycle Count:	Date:

### Maintenace checklist

	Task	Yes	No	Comment
1	Turn power on to unit (if necessary) to check for proper voltage.	<input type="checkbox"/>	<input type="checkbox"/>	
2	Place necessary traffic safety cones to ensure worker safety.	<input type="checkbox"/>	<input type="checkbox"/>	
3	Check operation of unit by operating the barrier 3 times. Ensure that the post assembly rotates smoothly and reaches full UP and DOWN positions.	<input type="checkbox"/>	<input type="checkbox"/>	
4	Check LED safety lights on barrier for proper operation.	<input type="checkbox"/>	<input type="checkbox"/>	
5	Make sure the vehicle barrier is in the UP position and disconnect power to the barrier by turning off the Main Disconnect and lock out with a wire tie or IAW local lockout procedures.	<input type="checkbox"/>	<input type="checkbox"/>	
6	Remove all access plates (3 ea Large; 5 ea small over bearings; and 1 ea over Servo Drive Panel). Using a cordless drill with a TORX 45 Tamper Resistant Head Bit, remove the screws from all access plates. After all screws are removed move the access plates from the barrier.	<input type="checkbox"/>	<input type="checkbox"/>	
7	Check sump pump and drainage ports (if applicable). Make sure that the drain ports and/or sump pump are clear of debris and the sump pump operates properly.	<input type="checkbox"/>	<input type="checkbox"/>	
8	Check actuator and spring assembly pivot arm clevis bracket bolts. If these connections are not kept tight, it might cause loose motion that could result in excessive wear. Spray down pins that hold spring packs in with white lithium.	<input type="checkbox"/>	<input type="checkbox"/>	
9	Check actuator clevis bolt and nut. Make sure these are tight. A loose fit might cause excessive wear and improper barrier operation.	<input type="checkbox"/>	<input type="checkbox"/>	

10	Check spring assembly front clevis pin and retaining pin and pivot tube end bolt and nut. Make sure these are tight. A loose fit might cause excessive wear and improper barrier operation. Spray down pins that hold spring packs in with white lithium.	<input type="checkbox"/>	<input type="checkbox"/>	
11	Check spring assembly. Make sure springs are not broken. Also, check the anchor bolts to ensure none are loose. A loose fit or broken spring might cause excessive wear and improper barrier operation.	<input type="checkbox"/>	<input type="checkbox"/>	
12	Check chain pins. If these connections are not kept tight, it might cause loose motion that could result in excessive wear.	<input type="checkbox"/>	<input type="checkbox"/>	
13	Check split journal bearing bolts. Make sure these are tight. A loose fit might cause excessive wear and improper bollard operation.	<input type="checkbox"/>	<input type="checkbox"/>	
14	Inspect Servo Drive Panel in barrier.			
	a. Check cables for damage and ensure all connectors are seated properly.	<input type="checkbox"/>	<input type="checkbox"/>	
	b. Check for corrosion on Ethernet Termination at the Servo Drive Panel.	<input type="checkbox"/>	<input type="checkbox"/>	
	c. Check for signs of water intrusion in power connector at Servo Drive Panel.	<input type="checkbox"/>	<input type="checkbox"/>	
	d. Check Mounting Bolts/Nuts for the Servo Drive Panel. Make sure they are tight.	<input type="checkbox"/>	<input type="checkbox"/>	
	e. Check that Servo Drive Panel is not sitting in water (if so, re-check item #7).	<input type="checkbox"/>	<input type="checkbox"/>	
15	Check post assembly and touch up paint as needed.	<input type="checkbox"/>	<input type="checkbox"/>	
16	Check the barrier interior for dirt and debris. Remove as necessary. Use vacuum cleaner.	<input type="checkbox"/>	<input type="checkbox"/>	
17	Replace the access cover plates and screws. Apply Permatex anti-seize lubricant or equal to screws.	<input type="checkbox"/>	<input type="checkbox"/>	
18	Reinstate power to the barrier by turning on the Main Disconnect	<input type="checkbox"/>	<input type="checkbox"/>	
19	Remove traffic safety cones.	<input type="checkbox"/>	<input type="checkbox"/>	
20	Return barrier to NORMAL operation.	<input type="checkbox"/>	<input type="checkbox"/>	
21	Complete this checklist, report any deficiencies to your supervisor, and maintain a copy in files.	<input type="checkbox"/>	<input type="checkbox"/>	