

Maintenance Check List for the Robotic EndoLaryngeal Flexible (Robo-ELF) Scope

Date:

Person Performing Maintenance:

Checklist Item	Results
1. Log Review	
2. Boot up robot and recalibrate	
3. Check Joystick	
4. Check e-stop	
5. Check relay	
6. Check grounding	
7A. Scope manipulator bearing	
7B. Cover seal	
7C. Roll bearing seal	
8A. Roll bearing seal	
8B. Arm joint seal	
8C. Cover seal	
9A. Arm flange seal	
9B. Connector seal	
9C. Cover seal	
10. Elbow friction collar	
11. Tilt friction collar	
12. Locking collars	