**Miami-Dade Police Department**

**Micro Air Vehicle**

**AIR VEHICLE (AV) FUELING PROCEDURES CHECKLIST (MANUAL):**

1. Ensure that the AV is fully assembled and secured to starter base
2. Ensure that DEFUELING CHECKLIST-APPENDIX N was completed prior to proceeding with fueling
3. Close clip leading to AV (blue line) and open clip leading to fuel canister (red line)
4. Pulling up on syringe, extract fuel into syringe from fuel canister-fill syringe past red line
5. Push down on syringe to place excess fuel and air back into fuel canister, stopping at red line
6. Close clip leading to fuel canister (red line) and open clip leading to AV (blue line)
7. Push down on syringe to move fuel from syringe into AV
8. Repeat (steps 3 to 7) 4 more times, for a total of 5, counting each syringe out loud for observer to verify
9. Upon completion of fueling detach fuel line from syringe to AV (blue line) and fuel canister (red line)
10. Reattach AV fuel line. Pull gently to be sure that it has fully engaged and is secure
11. Check for leaking fuel from AV fuel line
12. Weigh AV and ensure that it is above standard weight
13. Secure lid to fuel canister
14. Upon completion of fueling, remove DEFUELED tag from AV