**Miami-Dade Police Department**

**Micro Air Vehicle**

**AIR VEHICLE (AV) DEFUELING PROCEDURES CHECKLIST (E FUELER):**

1. Ensure that the AV is fully secured to starter base
2. Check area for potential hazards/sources of ignition- no open flames/vehicles/generators/smoking
3. Eye protection in place
4. Fire extinguisher is in fuel area and is properly charged
5. Ensure fuel canister with e-fueler adapter is available in fuel area
6. Touch duct in order to discharge any static electricity
7. Open battery door using two screws
8. Install battery in electric fueler
9. Secure battery door using two screws
10. Detach the AV fuel line at quick disconnect fitting
11. Utilize fuel container with e-fueler can adapter only
12. Attach e-fueler female coupler (bottom of white plastic filter) to AV male fuel coupler
13. Attach e-fueler return line with female connection to male fuel connection on fuel can
14. Attach e-fueler main line with male connection to female fuel connection on fuel can
15. Open air vent on fuel can
16. Turn on electric fueler by pushing on/off button
17. Press the defuel button on e-fueler
18. Monitor the e-fueler as it fully defuels the AV
19. Defueling is complete when the DEFUEL LED goes out
20. Turn off e-fueler by pushing on/off button
21. If finished with e-fueler then remove battery
22. Disconnect e-fueler female coupler from AV
23. Disconnect fuel lines from fuel can
24. Close fuel can vent
25. Reconnect AV fuel line
26. Pull gently to be sure that coupler has fully engaged and is secure
27. Check for leaking fuel from AV fuel line
28. Place defueled tag on AV