**Miami-Dade Police Department**

**Micro Air Vehicle**

**Air Vehicle (AV) Assembly:**

1. Remove AV from storage carrier
2. Screw in starter legs(3) to the starter base
3. Connect and secure the starter to starter base
4. Adjust the screws(3), If necessary
5. Insert landing gear (4) to AV
6. Insert foot plate to starter base
7. Remove avionics pod from storage carrier
8. Install avionics Pod to AV(match white tape & circle) and tighten pod coupler past red line
9. Attach straps to secure avionics pod to AV
10. Remove payload pod (Camera) from storage carrier
11. Install payload pod to AV(match blue tape & square) and tighten pod coupler past red line
12. Attach straps to secure payload pod to AV
13. Attach video link antenna to avionics pod (video link antenna is shorter antenna and points down)
14. Attach data link antenna to avionics pod (data link antenna is longer and points up)
15. Remove battery cover from top of avionics pod
16. Install battery, matching plug colors (red to red and black to black)
17. Replace battery cover and secure straps