

**SPECIAL OPERATIONS
AERIAL RECONNAISSANCE
UNIT.**



[S.O.A.R]



SO YOU WANT TO FLY?

- ▣ **IN THIS PRESENTATION, I WILL BRIEFLY DESCRIBE IN SIX (6) STEPS, WHAT THE SEPTA TRANSIT POLICE HAVE DONE TO IMPLEMENT A UAV PROGRAM.**
- ▣ **DISCUSS STORAGE OPTIONS**
- ▣ **DESCRIBE THE BENEFITS WE HAVE OBSERVED HAVING A UAV PROGRAM**

STEP 1

- ▣ **ESTABLISH A BUDGET**
 - **THIS WILL DEFINE WHAT YOU AS A DEPT. CAN AFFORD.**

- ▣ **BUDGET SHOULD BE BROKEN DOWN INTO THREE SECTIONS:**
 - **START UP COSTS**
 - **CONTINUATION COSTS**
 - **GROWTH.**

STEP 2

- ▣ **ESTABLISH DEPARTMENTAL GOALS:**
 - **WHAT DO YOU WANT TO ACCOMPLISH?**
 - **WHAT DO YOU WANT YOUR UAV/UAS TO DO?**

- ▣ **CREATE A DEPARTMENTAL UAV MISSION STATEMENT.**

- ▣ **START WRITING DIRECTIVES/POLICY NOW!**
 - **NOTE: THE PERSON WRITING THE POLICY SHOULD BE A PILOT/PIT OR A PERSON WITH A WORKING KNOWLEDGE OF UVA OPERATION.**

STEP 3

- ▣ **UAV SELECTION:**
 - **WHAT TYPE OF UAV IS BEST FOR YOUR DEPARTMENT / FOR YOUR ENVIRONMENT**
 - **HOW MANY UAV'S DO YOU NEED / WANT.**

- ▣ **PERIPHERALS**
 - **ACCESSORIES**

- ▣ **POTENTIAL PROVIDERS**
 - **PROCUREMENT PROCEDURES**

STEP 4

- ▣ **PILOTS:**
 - **PILOT SELECTION**
 - **HOW MANY/WHAT SHIFTS/ON-CALL/SCHEDULING**
 - **TRAINING/TESTING/LICENSING**
 - **CONTINUED EDUCATION OF PIC'S**
 - **PILOT DOSSIER**

STEP 5

- ▣ COA's
- ▣ APPLICATION PROCESS:
 - FAA
- ▣ LAW ENFORCEMENT TEMPORARY COAs

STEP 6

- ▣ **PAPERWORK:**
 - **FLIGHT HISTORY**
 - **PRE-FLIGHT CHECKLISTS**
 - **POST-FLIGHT CHECKLISTS**
 - **FLIGHT LOGS**
 - **INCIDENT REPORTS**
 - **MAINTENANCE REPORTS**

INFORMATION STORAGE

- ▣ HARD COPY V DIGITAL
- ▣ STORAGE CONSIDERATIONS
- ▣ DISSEMINATION
- ▣ TRAINING REVIEW

UAV Benefits

- ▣ Program Cost:
 - Properly planned- extremely cost effective
- ▣ Safety:
 - UAV can be instrumental in officer safety.
- ▣ UAV as a part of a patrol unit:
 - Force Multiplier
- ▣ As a patrol function:
 - time saver
- ▣ Technology:
 - is only getting better.

THANK YOU

**SERGEANT WILLIAM B. SAUNDERS JR.
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