

**From:** Sean [REDACTED] maker info@nps-ddp.org  
**Subject:** Fundraising I Department Form  
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**To:** info@airborneworks.com



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From: Sean C S [REDACTED]

Name: Sean C S [REDACTED]  
Phone: 860207 [REDACTED]  
Email: [firemarshal@colchesterct\[REDACTED\]](mailto:firemarshal@colchesterct[REDACTED])  
Position: Fire Marshal/Chief Pilot  
Address: 52 Old Hartford Road, Colchester, CT 06415  
Services: Fire Department  
Other:

Message Body:  
To Whom It May Concern,

As you may have seen the in the news, the Colchester Fire Department is now using an Unmanned Aerial System (drone) for fire department operations. In Spring 2017 a former member and local business owner donated a DJI Phantom 4 drone to the fire department. In Fall 2017 after obtaining all the necessary legal authorizations the UAS program became operational. The department currently has three (3) FAA Certified Part 107 pilots and one DJI Phantom 4 drone. Our aircraft can be used at a number of types of incidents including: structure fires, hazardous materials incidents, lost person searches, fire investigations, brush fires and pre-fire planning/fire safety inspections. Most recently the fire departments drone was used to assist in locating a missing 85 year old Alzheimer's patient and the search for a missing 16 year old female who was a possible drowning victim.

While our program has been extremely successful and is one of the very few fully operational fire department UAS programs in the state, we do have some significant limitations. While we are authorized by the FAA to fly at night through our COA and our 107.29 Daylight waiver, our current UAS does not have night vision capability. This prevents or seriously limits us from using the aircraft for incidents such as lost person searches, brush fires, hazardous materials incidents and large structure fires that occur after dark.

This being the case, the fire department is reaching out to find partners in funding the upgrading of our UAS program capabilities. It is our hope that with the help of generous donors we can afford to purchase a new aircraft with the following additional capabilities: forward looking infrared camera, longer flight battery life, and all weather capabilities in order to allow the performance of missions in our wildly varied New England weather. At this time we do not have a specific aircraft specified for purchase but are hoping to raise enough money to purchase a Yuneec H520 with an E10T camera.

If there are any questions concerning our UAS program or if you would like to see a demonstration of our current aircraft please contact our programs Chief Pilot, Colchester Fire Marshal Sean S [REDACTED] ~~6870~~.

Please consider becoming a partner in the Colchester Fire Department's Unmanned Aircraft System program and thank you for your continued support of the Colchester Fire Department.

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