



TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, **including back up information**, 8 days prior to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

MEETING INFORMATION

Date Submitted: 9-28-2021
Submitted by: Deputy Chief Matthew Tarleton
Department: Police
Speakers: Deputy Chief Matthew Tarleton and Detective William Vandersyde

Date of Meeting: 10-14-2021
Time Required: 15 minutes
Background Info. Supplied: Yes: No:

CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment:	<input type="checkbox"/>	Recognition/Resignation/Retirement:	<input type="checkbox"/>
Public Hearing:	<input type="checkbox"/>	Old Business:	<input type="checkbox"/>
New Business:	<input checked="" type="checkbox"/>	Consent Agenda:	<input type="checkbox"/>
Nonpublic:	<input type="checkbox"/>	Other:	<input type="checkbox"/>

TITLE OF ITEM

Donation of money, \$7,273.99.

DESCRIPTION OF ITEM

Request to accept a donation of money, \$7,273.99, from Merrimack Crimeline, for the purpose of purchasing a new drone for the Merrimack Police Department

REFERENCE (IF KNOWN)

RSA:	31:95-b	Warrant Article:	_____
Charter Article:	8-15	Town Meeting:	_____
Other:		N/A	_____

EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector:	<input type="checkbox"/>	Grant Requirements:	<input type="checkbox"/>
Easel:	<input type="checkbox"/>	Joint Meeting:	<input type="checkbox"/>
Special Seating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Laptop:	<input type="checkbox"/>	None:	<input checked="" type="checkbox"/>

CONTACT INFORMATION

Name:	<u>Matthew Tarleton</u>	Address:	<u>Police</u>
Phone Number:	<u>603.420.1829</u>	Email Address:	<u>mtarleton@merrimacknh.gov</u>

APPROVAL

Town Manager: Yes No: Chair/Vice Chair: Yes No:

Hold for Meeting Date: _____



MERRIMACK POLICE DEPARTMENT

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www.merrimackpd.org

Denise I Roy
Chief of Police

Brian K. Levesque
Deputy Chief

MEMO

DATE: OCTOBER 6, 2021
TO: TM PAUL MICALI AND THE TOWN COUNCIL
FROM: DEPUTY CHIEF MATTHEW TARLETON
RE: CRIMELINE DONATION

The purpose of this memorandum is to officially request the scheduling of an agenda item regarding a donation of money from Crimeline for the purpose of purchasing a new drone for the Police Department. The total amount of the donation is \$7,273.99.

If you recall, back in March of 2020, we came before you to present a donation of a drone from a town resident. Although that drone has served this Department, and others well, we have discovered that it has limitations and feel the time has arrived for an upgrade. Attached for your review is a comparison of our currently owned Parrot Anafi Drone and the one Crimeline has graciously offered to purchase for us, the DJI Mavic 2.

As you will see, the Mavic 2 has longer flight times, is faster, has double the range, crash avoidance, night time visibility, payload abilities, and advanced HD video and thermal capabilities. Also attached for your review is our most up-to-date deployment chart, which shows any and all deployments to date (i.e. training, SRT, search and rescue and DPW).

Detective Vandersyde and I would greatly appreciate the opportunity to present this donation to you at your earliest convenience.

Parrot Anafi Thermal vs. DJI Mavic Enterprise Advanced Comparison.

Overall differences:

- Mavic 2 has a longer flight time than the Parrot (avg.5mins)
- Mavic 2 is faster.
- Mavic 2 has double the range of the Parrot.
- Mavic 2 can carry payloads/accessories, the Parrot cannot.
- Mavic 2 has a more sophisticated computer vision and safety systems.
- Mavic 2 has obstacle avoidance technology, the Parrot has none.

DJI Mavic 2 Enterprise

- *31 mins of Flight time
- *4.9 mile Range
- *44 mph
- *Omnidirectional obstacle Avoidance
- *4K Ultra HD video recording
- *48MP, 4K Ultra HD and a
- * 640 X 512 PixlesThermal FLir

Parrot Anafi Thermal

- *26 mins of Flight time
- *2.5 mile Range
- *34 mph
- *None
- *21MP
- *320 X 256 pixles

Merrimack Police Dept. sUAS Deployment Chart

Date	Type of Operation	Pilot in Command	Visual Observer	Location	Authorized By	Department	Mission Description
06/16/2020	Town Photography	Det. Vandersyde	Kyle Fox	Bedford @ Pearson	Chief Levesque	DPW	Bridge construction video
6/17/2020	Town Photography	Det. Vandersyde	Kyle Fox	Bedford @ Pearson	Chief Levesque	DPW	Bridge construction video
7/16/2020	Training	Det. Vandersyde	None	15 Lyons Road	Chief Levesque	Police	General Training
7/22/2020	Search and Rescue	Det. Vandersyde	ACO Gullino	31 Madeline Bennett	Chief Levesque	Police	Lost Hikers/ Found safe
8/27/2020	Attempt to Locate Suspect	Det. Vandersyde	ACO Gullino	11 Executive Park	Chief Levesque	Police	Attempt to locate suspect.
1/21/2021	Training	Det. Vandersyde	None	36 Mast Road	Dep.Chief Tarleton	Police	General Training
3/22/2021	Training	Det. Vandersyde	None	31 Baboosic Lk.Rd	Dep.Chief Tarleton	Police	General Training
5/7/2021	Training	Det. Vandersyde	None	Hutchinson Rd Tower	Chief Levesque	Police	Survey Tower for radio project
5/12/2021	Training	Det. Vandersyde	Off. Petruccelli	Talent Road	Dep.Chief Tarleton	SRT Unit	SRT Training
7/16/2021	Town Photography	Det. Vandersyde	Kyle Fox	Fearon Road	Chief Levesque	DPW	Town Landfill images of lines
7/27/2021	Town Photography	Det. Vandersyde	Matt Casparius	116 Naticook Road	Chief Levesque	Parks and Rec.	Images of new ball courts
8/2/2021	Town Photography	Det. Vandersyde	None	8 Baboosic Lk. Road	Chief Levesque	DPW	Images of Town Hall Lots
8/3/2021	Town Photography	Det. Vandersyde	None	6 Baboosic Lk. Road	Chief Levesque	DPW	Images of Town Hall Lots
9/8/2021	Town Photography	Det. Vandersyde	Kyle Fox	31 Madeline Bennett	Chief Levesque	DPW	Images of Madeline Bennett
9/16/2021	Town Photography	Det. Vandersyde	Kyle Fox	Turkey Hill@Baboosic	Chief Levesque	DPW	Images of Rotary Project
9/16/2021	Town Photography	Det. Vandersyde	None	Woodbury@McElwain	Chief Levesque	DPW	Images of Woodbury Project

