

From: [MSP Drone Report \(POL\)](#)
To: [George, Michael \(POL\)](#); [Doak, Brian \(POL\)](#); [Tiberi, Jarred \(POL\)](#); thomas.menino@pd.boston.gov; [bric, bpd; Commonwealth Fusion Center \(POL\)](#); 208-MSPAlerts@massport.com; Daniel.Freddo-miller@pd.Boston.gov
Subject: FW: MassDOT Aeronautics Drone Team at Orient Heights MBTA
Date: Thursday, November 4, 2021 7:01:23 AM
Attachments: [FAA Form 7711-1 2021-P107-ESA-03021 \(BOS\) \(1\).pdf](#)

From: Grazioso, Christopher (DOT) <Christopher.Grazioso@dot.state.ma.us>
Sent: Thursday, November 4, 2021 7:01:16 AM (UTC-05:00) Eastern Time (US & Canada)
To: MSP Drone Report (POL) <dronereport@pol.state.ma.us>
Cc: Gomez, Ed (DOT) <Ed.Gomez@dot.state.ma.us>; Grace, Robin (DOT) <Robin.Grace@dot.state.ma.us>; Mihaley, Andrew (DOT) <Andrew.Mihaley@dot.state.ma.us>
Subject: MassDOT Aeronautics Drone Team at Orient Heights MBTA

Greetings,

The MassDOT Aeronautics Drone Team will be flying over the rail yard at the Orient Heights MBTA station in East Boston today, from 0900 till approximately 1400. We have a valid airspace authorization to 100', which is attached to this email.

If you have any questions, feel free to call me at **(c) privacy**.

Thanks,

Chris Grazioso
MassDOT Aeronautics Drone Team

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	
CERTIFICATE OF WAIVER OR AUTHORIZATION	
ISSUED TO	POC PHONE NUMBER
Massachusetts Dept. of Transportation - Aeronautics Division UAS857-777-6765	
ATTN: Jeffrey DeCarlo	
This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.	
OPERATIONS AUTHORIZED	
Operations under this certificate of authorization are limited to the maximum altitude listed below. This altitude is an absolute value and it shall not be added to the height of any structures. Class of Airspace: B At or Below: 100' Above Ground Level (AGL) Location: In accordance with Attachment 1 Under the Jurisdiction of: Boston Airport Traffic Control Tower (BOS ATCT) Airport Identifier: KBOS	
LIST OF WAIVED REGULATIONS BY SECTION AND TITLE	
N/A	
STANDARD PROVISIONS	
1. A copy of the application made for this certificate shall be attached and become a part hereof. 2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations. 3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein. 4. This certificate is nontransferable.	
NOTE - This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.	
SPECIAL PROVISIONS	
Special Provisions 1 to 3, inclusive, are set forth in this authorization. This certificate 2021-P107-ESA-03021 is effective from February 18, 2021 to December 31, 2022, and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.	
BY DIRECTION OF THE ADMINISTRATOR	
<u>FAA Eastern Service Center, ESC</u> (Region)	JUSTIN T RHODES <small>Digitally signed by JUSTIN T RHODES Date: 2021.02.17 14:54:30 -05'00'</small> <u>For Ryan Almasy</u> (Signature)
<u>Operations Support Group Manager, AJV-E2</u> (Title)	

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. Jeffrey DeCarlo is the person designated as responsible for the overall safety of UAS operations under this Certificate of Waiver or Authorization. During UAS operations for on-site communication/recall, the Responsible Person shall be continuously available for direct contact at 857-777-6765 by BOS ATCT or designated representative.
- b. The Responsible Person listed on this Authorization must maintain a current list of pilots by name and the remote pilot certificate number(s) associated with the Authorization holder's operation. This list must be presented for inspection upon request from the Administrator or an authorized representative.

2. SCHEDULE OF FLIGHT OPERATIONS:

- a. Night operations authorized at the altitude stated in this authorization and in accordance with Special Provisions established in 14 CFR § 107.29 Daylight operation waiver 107W-2020-00117 or until 60 days from the effective date of amendments to 14 CFR Part 107.29.
- b. This airspace authorization does not alter, in any way, any associated waiver(s) (including but not limited to waiver expiration date). If/when the associated waiver(s) expire, this COA reverts to a non-waivered authorization until its expiration date.
- c. This airspace authorization does not relieve the remote pilots from the responsibility to check the airspace they are operating in and comply with all restrictions that may be present in accordance with see 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.
- d. Every Mass. DOT UAS conducting operations in the Orient Heights areas must return to the "Operations area #1, Orient Heights Station" location and remain there until any Boston-Logan Airport aircraft operation involving an arrival to Runway 22R/22L, or a departure from Runway 4L/4R has vacated "Operations Areas #2 and #3." See Attachment 1, Picture B for location of Operational Areas.
- e. The facility may disapprove, terminate, restrict, or delay UAS flight operations covered by this authorization at any time.

3. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:

- a. If the UAS loses communications or loses its GPS signal, the UA must return to a pre-determined location within the operating area and land.
- b. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.

OPERATIONS AREA

Class of Airspace: B

At or Below: 100' Above Ground Level (AGL)

Location: In the Black Box Depicted Below

Picture A - Black Box is defined by the following coordinates:

42° 23' 12" N 71° 00' 24" W -- 42° 23' 10" N 71° 00' 19" W -- 42° 23' 12" N 71° 00' 12" W --
42° 23' 03" N 70° 59' 45" W -- 42° 23' 07" N 70° 59' 43" W -- 42° 23' 13" N 71° 00' 03" W --
42° 23' 19" N 70° 59' 56" W -- 42° 23' 18" N 71° 00' 02" W -- 42° 23' 16" N 71° 00' 10" W --
42° 23' 16" N 71° 00' 13" W



Picture B – Close-up View with Operational Areas

