Request to Operate

Name of Person Submitting the Request and affiliation with the University:
John Doe, Graduate Student

Date Submitted: January 30, 2017

Legal Authority for the Operation:
14 C.F.R. Part 107. The flights will conform to the operational limitations contained in Part 107, will be conducted with a registered aircraft, which will be flown by a pilot with a remote pilot certificate with a small UAS rating.

Name of the Remote Pilot in Command and applicable certificate:
John Smith, Part 107 Remote Pilot Certificate with a Small UAS Rating, Certificate number 8888888

Time and Place of the Flight(s):
September 22-24 from 9 AM to 3 PM, Thornton Hall "Quad" 38 01.98'N 78° 30.64'W

Distance to nearest Airport/helipad and class of airspace: [1] [If flight will be in controlled airspace (Class B, C, D or within the lateral boundaries of the surface area of Class E airspace) supply a copy of the required ATC authorization.]
Charlottesville-Albemarle Airport, KCHO, 6.4 Nautical Miles, Class D airspace; University of Virginia Medical Center, 8VA5, 0.56 Nautical Miles, Class G airspace.

Is a COA Required and has it been Obtained (attach a copy):
None Required

Purpose of the Flight:
Conduct a UAS test flight with a UAS created in my engineering course, Course # _____.

Aircraft Make/Model, Type, FAA Registration Certificate Number, Take-off Weight and Maximum Speed
3D Robotics Solo, quad copter, UAS Certificate Number NXXXXX, maximum weight 3.9 pounds, maximum speed 55 MPH.

Flight Profile/Operational limits and Safety Concerns and Mitigations:
The flight will be conducted entirely within the space defined by the Thornton Hall "Quad". The maximum altitude for the flight will be 50' above ground level, at speeds below 10 MPH, and will be conducted based on Visual Line of Sight. A visual observer will be utilized. Prior to flight, the Remote Pilot in Command and visual observer will walk the area to determine if there

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[1] A flight on UVA Grounds is over 5 miles from the Charlottesville-Albemarle Airport (CHO) but would be very close to the UVA Medical Center Heliport (8VA5), as well as close to a heliport for Virginia State Police on Fontaine Avenue. For flights off-Grounds, consideration must be given to any and all nearby airports and heliports; operators are urged to consult B4UFLY for up-to-date information. A flight on the North Grounds may be within the Class E airspace (to the surface) and would require FAA approval.

are any potential hazards to the flight. The Remote Pilot in Command will obtain a weather briefing prior to flight to ensure that VFR meteorological conditions are prevailing during the time of the expected flight. In addition, the FAA's B4UFLY App will be consulted before flight to ensure there are no temporary flight restrictions in effect at the time of flight.

A return to home point will be designated in advance which will be used if the flight has to be terminated unexpectedly. The Visual Observer will be briefed on procedures to be used to alert the Remote Pilot in Command if any hazard is detected. The Remote Pilot in Command will have the phone numbers of the University of Virginia Medical Center's Medical Communications Center ("MedCom") and the Charlottesville-Albemarle Airport at hand prior to flight in order to be able to contact the airport in the event of a lost link or flyaway event. The pilot will call MedCom before taking off and after landing. The aircraft will not be operated directly over any persons or moving vehicles. The flight will be terminated once the aircraft's battery reaches 20% charge.

Emergency contact information: Provide cellular telephone numbers for the Remote Pilot in Command and each designated observer, which can be used to reach the Remote Pilot in Command and each designated observer prior to and during the flight(s).

Determination Regarding Request to Operate

The Request to Operate is:

- o Approved
- o Rejected
- o Approved with the following conditions:
- o Returned for the following additional information:

Date: _____   Signature: _____
                                                             UAS Operations Manager

_____   _____
Applicant's Signature   Applicant's Printed Name

_____   _____
Parent/Guardian Signature   Parent/Guardian Name
(required if applicant is under the age of 18)

If applicant differs from Remote Pilot in Command:

_____   _____
Remote Pilot in Command's Signature   Remote Pilot in Command's Printed Name