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Louisiana State University - Exemption/Rulemaking

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Content

To Whom it may concern,

We at Louisiana State University are interested filing a petition for an exemption under Section 333. As an academic institution and a land, sea, and space grant university we believe that an exemption will allow the university to conduct better research and emergency response measures. We have incorporated a list of justifications below.

UAS Operation

1. The University contains several schools that utilize UA for a teaching purpose. Many of these systems are based on a quadro-copter or single-engine fixed wing design. These designs are single man operations, that utilized remote control systems for control. These designs have a limited range based on limited fuel or battery requirements.
2. The university will comply with manufacturer guidelines and checklists. Also the University will establish regulations for preflight, location testing, repair, and overseeing operations.
3. The UA will incorporate a wide range of testing equipment specific to university needs, such as camera and radio, that is in compliance with FCC regulations.

UA PIC

The Director of Media Production Dan Noah, will oversee the safe operation of the University UA activity. He will educate and monitor the university UA activity. Dan holds a current Private Pilot Certificate (3770760), which makes him uniquely qualified for this particular task. He will work with university schools to inform them of proper safety procedures and train UA operators.

UA Use

refer to its website or the Federal Register document.

1. Louisiana State University provides a major role in the states research functions and emergency response. Primarily, we will be using UA for educational purposes, coupled with research goals. Some examples include, monitoring crop yields, petroleum pipelines, electrical engineering construction, and multimedia education. Our secondary goal is to provide disaster relief efforts for the state of Louisiana. During periods of state emergencies, drones can assist with disaster recovery, rescue, and archival footage for future study.
2. Operations of these UA will be with the utmost safety in mind. All operation shall be clear of clouds and any other air traffic. Operation that will exceed 200 feet AGL will monitor NAS ATC, and contact the FSDO for extended use with flight plans. UA use will comply with all TFR and other NOTAMS.
3. Areas of intend use include, but are not limited to, University grounds, Agricultural areas, coastal waterways, sporting events, and indoor venues. Some of these hazards, due to operation include, proximity to crowds, heavy machinery, aviation, and livestock. We shall mitigate any hazards to safety with a university training program for departments utilizing UA, as well as informing the administrator of intended use and having and observer make sure that all safety measures are followed.

Listing of potential regulation waivers

61.31
61.35
61.43
61.51
61.109
91.119
91.109
91.105
91.121
91.137
91.145
91.151
91.153
91.409
91.417
91.103 (b)(2)

Due to the nature of the University mission and its extended goal of education. We request the waiver be granted beyond to 2 year minimum.

Thank you again for you assistance. If you require any more information or assistance please feel free to contact us. Please send all Docket information to the contact below.

Regards,

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