

To: Laura Stefani
E-Mail: lastefani@Mintz.com
From: Nimesh Sangani
Date: March 28, 2019

Subject: Additional Information Request

Message:

Please provide the following information:

1. Concerning Page 3, Section 4, first paragraph, please provide information concerning the "integrated customer payloads". Does the subsystem description at p. 3 describe all subsystems including any customer payloads?
2. Please indicate which version of DAS was utilized for analysis.
3. The response at 7.2.1 does not address explosion risk. Please update to provide a full analysis. Please indicate whether there is a propulsion system, or any pressure vessels on board. Describe batteries and any batter flight heritage.
4. Please provide the inputs used for the DAS calculation of collision risk shown at 7.4 and provide the DAS output number.
5. In 7.5, the altitude shown is 505 km—but the mission statement indicates 600-700 km. Please clarify and update exhibits as necessary.
6. At 7.6.1, please indicate which, if any, of the mitigation measures identified in the European Manual will be utilized.
7. At 7.7.1, please provide the DAS inputs and outputs. Will all components demise that would otherwise reach the ground with greater than 15 J energy?
8. Concerning the use of the 846.5-849.0 MHz and 891.5-894.0 MHz, please provide an FCC and ITU data search for other licensed operators that may be operating in these bands, specifically FIXED MOBILE and Radiolocation, as coordination may be required.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of March 28, 2019 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://apps.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 47015