

To: Jacob Portukalian
E-Mail: jacob@astraspace.com
From: Nimesh Sangani
Date: April 25, 2019

Subject: Additional Information Request

Message:

Is this strictly a ground based test or will you be launching the rocket in space?

You have marked an exhibit as confidential. You must submit an item-by-item justification for the confidentiality request to answer the nine subsections of Part 0.459(b) of the FCC's rules. All non-confidential material must be separated from the confidential material and must be viewable by the public, as must the confidentiality justification.

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 April 25, 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 : 47631