



Memorandum

<i>To</i>	<i>Federal Communications Commission</i>
<i>From</i>	<i>Firefly Aerospace</i>
<i>Subject</i>	<i>Flight Level</i>
<i>Date</i>	<i>12/16/2022</i>
	<i>STA File Number: 2072-EX-ST-2022</i>

For a previous Firefly Aerospace Alpha flight, the FCC requested information on the flight levels for STA submissions. The flight levels for FLTA004 are undetermined at the date of filing, as the DoD TacRS-3 mission is a tactical response mission which does not allow for early determination of flight levels. The contract does identify a "Sample Orbit" of 550km and restricts inclination to a range of 95-100 degrees. Firefly will receive an Orbit List with seven (7) potential orbits on or about 17MAR2022. Transmissions will occur during launch to the initial orbit and while in both the initial and the final orbits.

Address questions and further inquiries to Launch Vehicle Safety and Licensing Specialist and FCC POC Adam Materne (Adam.materne@fireflyspace.com, 254-238-3426). Thank you.