

January 02, 2024

In re Application of

FLYMOTION, LLC
4416 Eagle Falls Place
Tampa, Florida 33619

To operate in the 2200-2290MHz and 4400-4940MHz Telemetry Bands in Tampa, Florida.

ATTN.: Microwave Branch

FLYMOTION, LLC hereby requests Special Temporary Authority (STA) to operate within the 2200-2290MHz and 4400-4940MHz telemetry bands pursuant to Section 21.25 of the Commission's Rules. FLYMOTION, LLC requests that the Commission grant it temporary authority to operate on the frequencies centered at 2210MHz, 2230MHz, 4510MHz and 4790MHz with a 20MHz bandwidth from February 20, 2024, through February 19, 2025, with intermittent usage. If the 2210MHz, 2230MHz 4510MHz or the 4790MHz frequency range is unavailable, any 20MHz channel within the bands 2200-2290MHz and the 4400-4940MHz will suffice. As explained below, FLYMOTION, LLC is filing an STA request to demonstrate and train those who serve across Public Safety, Government, Defense, Security and Enterprise in the utilization and application of drones and robotic technology in a MIMO/MANET emission scheme. FLYMOTION, LLC submits that there are extraordinary circumstances warranting a grant of the STA request.

FLYMOTION, LLC is demonstrating and training those who serve across Public Safety, Government, Defense, Security and Enterprise in the utilization and application of drones and robotic technology in their field. Due to the extreme frequency congestion in the Tampa area, coupled with the added congestion from traditional Television and News coverage of area events, FLYMOTION, LLC requests the use of these channels.

FLYMOTION, LLC certifies that the operation of the requested channels for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for the 2.2GHz band and the 4.5GHz bands would serve the public interest by enabling FLYMOTION, LLC to provide a platform to train and demonstrate multiple UAV and robotic technologies for individuals who support Public Safety, Government, Defense, Security and Enterprise.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name: FLYMOTION, LLC
Address: 4416 Eagle Falls Place
Tampa, Florida 33619

Type and Manufacturer Of Equipment: Silvus Technologies, Inc.
Streamcaster SC4200/4400

Power Output: 4W

ERP: 10W AERIAL

Emission: 20M00D7W

Frequency: 2210.0MHZ, 20M00D7W @ 10W AERIAL
2230.0MHZ, 20M00D7W @ 10W AERIAL
4510.0MHZ, 20M00D7W @ 10W AERIAL
4790.0MHZ, 20M00D7W @ 10W AERIAL

Type and Manufacturer Of Equipment: Persistent Systems MPU5

Power Output: 4W

ERP: 10W AERIAL

Emission: 20M00D7W

Frequency: 2210.0MHZ, 20M00D7W @ 10W AERIAL
2230.0MHz, 20M00D7W @ 10W AERIAL
4510.0MHz, 20M00D7W @ 10W AERIAL
4790.0MHz, 20M00D7W @ 10W AERIAL

Area of Operation: 20Km

Coordinates: N 27 54 16.82
W 082 23 13.42

Antenna Height: UNMANNED AERIAL VEHICLE @ OR BELOW 400' AGL

Antenna: Vertical Polarized

Antenna Gain: 2dBi

Dates of Operation: February 20, 2024 – February 19, 2025
(Intermittent Usage during these days)

FLYMOTION, LLC Inc., requests an STA to operate on the above-referenced frequency for a period not to exceed six months. No application for regular authorization will subsequently be filed.

FLYMOTION, LLC certifies that no party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C § 853(a).

Should you have any questions regarding this matter, please contact, John Winch, by telephone 626 676 1470.

Respectfully submitted,

By: John Winch
Frequency Coordinator