

August 16, 2019

In re Application of

AviSight, Inc.
7370 Eastgate Road
Henderson, NV 89011

To operate in the 2360-2390MHz Telemetry Band near Lake Arthur, Louisiana

ATTN.: Microwave Branch

AviSight, Inc., hereby requests Special Temporary Authority (STA) to operate within the 2360-2390MHz telemetry band pursuant to Section 21.25 of the Commission's Rules. AviSight, Inc., requests that the Commission grant it temporary authority to operate on the frequency centered at 2380MHz with a 10MHz bandwidth from September 15, 2019 through September 22, 2019 with intermittent usage. As explained below, AviSight, Inc. is filing an STA request to demonstrate their UAV inspection technology as it relates to pipeline right of way. AviSight, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Shell Oil has invited AviSight, Inc. to demonstrate new UAV inspection technology as it relates to pipeline right of way. Due to the extreme frequency congestion in the Lake Arthur area, AviSight, Inc. requests the use of this channel.

AviSight, Inc. certifies that the operation of the requested channel for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for the 2.3GHz band would serve the public interest by enabling AviSight, Inc. to demonstrate how UAV inspection technology allows for a shift from reactive maintenance to preventative maintenance and increased safety in industrial inspections. The proposed service would enable the demonstration of Silvus Technologies, Inc. Streamcaster SC4240/4480 transceivers in a MIMO / MANET array in an aerial exercise.

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

Applicants Name: AviSight, Inc.
Address: 7370 Eastgate Road
Henderson, NV 89011

Type and Manufacturer Of Equipment: Silvus Technologies, Inc.
Streamcaster SC4240/4480

Power Output: 4W

ERP: **200W TERRESTRIAL**

Emission: 10M00D7W

Frequency: **2380.0MHz, 10M00D7W @ 4W AERIAL**

Area of Operation: 33Km

Coordinates: N 30 04 17.28
W 092 43 35.20

Antenna Height: 400' AGL

Antenna: 4dBi Vertical

Antenna Gain: 4dBi

Dates of Operation: September 15, 2019 – September 22, 2019
(Intermittent Usage during these days)

AviSight, 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.

AviSight, Inc., 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

cc: Wayne Morris, AFTRCC