



Thomas Sorensen <thomas.sorensen@xwing.com>

Fwd: [Non-DoD Source] AFTRCC ICN 1539-22/9570 (Xwing Inc FCC STA Mod Request/WS9XNL-Concord, CA)

Wayne Morris <5600wayne@gmail.com>

Mon, Aug 29, 2022 at 6:15 PM

To: Thomas Sorensen <thomas.sorensen@xwing.com>

Cc: Chriss Brown <dataentry@aftrcc.org>, "'Hankins, Danny' (dhankins@txtav.com)" <dhankins@txtav.com>

PLEASE NOTE THAT PRE-SCHEDULING WITH DoD WESTERN AFC IS REQUIRED PRIOR TO ALL GROUND MOBILE OPERATIONS.

This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942

----- Forwarded message -----

From: **Heaton, Jamie CIV USN (USA)** <jamie.heaton.civ@us.navy.mil>

Date: Mon, Aug 29, 2022 at 11:10 AM

Subject: RE: [Non-DoD Source] AFTRCC ICN 1539-22/9570 (Xwing Inc FCC STA Mod Request/WS9XNL-Concord, CA)

To: Wayne Morris <5600wayne@gmail.com>, jamie.heaton@navy.mil <jamie.heaton@navy.mil>

Cc: Canterbury, Christian N CIV USN NAWCWD (USA) <christian.n.canterbury.civ@us.navy.mil>

Wayne,

WAFC concur with AFTRCC ICN 1539-22/9570 (Xwing Inc FCC STA Mod Request/WS9XNL-Concord, CA) IFDS scheduling and deconfliction via WAFC required. WAFC ctrl nbr 22-904.

Thx,

Jamie

Jamie Heaton, CIV

DOD Western Area Frequency Coordinator

M/S 3008 130 Easy Road

China Lake CA 93555

Code DB1130M

Comm: 760-939-6832

DSN: 437-6832

From: Wayne Morris <5600wayne@gmail.com>

Sent: Sunday, August 28, 2022 5:27 PM

To: jamie.heaton@navy.mil

Subject: [Non-DoD Source] AFTRCC ICN 1539-22/9570 (Xwing Inc FCC STA Mod Request/WS9XNL-Concord, CA)

AFTRCC concurs with the following request for modification of FCC WS9XNL **with the stipulation that all ground based mobile transmitters are required to IFDS pre-schedule via DoD Western AFC** due to excessive ERP of ground based transmitters. Additionally, this concurrence is based on a strict non interference basis to all authorized users with radio line-of-sight.

Applicant:

Xwing Inc.

[292 Ivy St., Ste A](#)

[San Francisco, CA](#) 94012

POC: Thomas Sorensen (571-314-8033)

Location: Concord, CA (37-58-59 N 122-03-23 W)

Station Class(es): FX / MO

Frequencies: (MHz) 1439-1465.0

Station Class: FX

Emission: 20M0D7W

Power: 48.5 watts (ERP)

Frequencies: (MHz) 1470-1525.0 MHz

Station Class: FX

Emission: 20M0D7W

Power: 48.5 watts (ERP)

Frequencies: (MHz) 2360-2395.0

Station Class: FX

Emission: 20M0D7W

Power: 48.5 watts (ERP)

Frequencies: (MHz) 2360-2395.0

Station Class: MOEA (Aero Mobile)

Emission: 20M0D7W

Power: 48.5 watts (ERP)

MIRAD: 322 KM (200 miles)

Maximum flight altitude: 15000.AGL

Frequencies: (MHz) 2360-2395.0

Station Class: MOEB (Ground Mobile)

Emission: 20M0D7W

Power: 20 watts

Antenna gain: 23dbi (2433 watts ERP) / 12 dbi (193 watts ERP) / 122 watts (ERP)

MIRAD: 322 KM (200 miles)

Dates: 2022-09-10 thru 2024-09-09

AFTRCC comments: non-interference basis to Flight Test telemetry.

Non-interference basis to other authorized users within radio line-of-sight.

Ground mobile operations require pre scheduling with DoD Western AFC

prior to operations. Contact Jamie Heaton (jamie.heaton@navy.mil)

For test/experimental purposes only in bands 1435-1525 and 2360-2395 MHz.

No operational use permitted nor will be considered in future requests.

Please reply via return email as to concurrence, non-concurrence, or additional comments.

Signed:
Wayne Morris

AFTRCC Telemetry Coordinator