

## Martin Harms

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**From:** Wayne Morris <5600wayne@gmail.com>  
**Sent:** Friday, February 5, 2021 7:58 AM  
**To:** Martin Harms  
**Cc:** Chriss Brown; 'Hankins, Danny' (dhankins@txtav.com)  
**Subject:** Fwd: [Non-DoD Source] AFTRCC ICN 1138-21/8680 (Aerostar Tech STA/Stratovehicle Testing-Lawrence, TN)

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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: **HAMILTON, ARTHUR III GS-13 USAF HAF AFSMO/A2/6CO** <[arthur.hamilton.1@us.af.mil](mailto:arthur.hamilton.1@us.af.mil)>  
Date: Thu, Feb 4, 2021 at 10:01 AM  
Subject: RE: [Non-DoD Source] AFTRCC ICN 1138-21/8680 (Aerostar Tech STA/Stratovehicle Testing-Lawrence, TN)  
To: Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>  
Cc: CARTER, KHAN J GS-13 USAF HAF AFSMO/A2/6CO <[khan.carter.1@us.af.mil](mailto:khan.carter.1@us.af.mil)>

AFTRCC.

AF concurs with [Non-DoD Source] AFTRCC ICN 1138-21/8680 (Aerostar Tech STA/Stratovehicle Testing-Lawrence, TN) with no objections.

Arthur

**From:** Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>

**Sent:** Wednesday, January 27, 2021 1:12 PM

**To:** HAMILTON, ARTHUR III GS-13 USAF HAF AFSMO/A2/6CO <[arthur.hamilton.1@us.af.mil](mailto:arthur.hamilton.1@us.af.mil)>; [kahn.carter.1@us.af.mil](mailto:kahn.carter.1@us.af.mil)

**Cc:** AFSMO/AFTRCC <[afsmo.aftrcc@us.af.mil](mailto:afsmo.aftrcc@us.af.mil)>

**Subject:** [Non-DoD Source] AFTRCC ICN 1138-21/8680 (Aerostar Tech STA/Stratovehicle Testing-Lawrence, TN)

AFTRCC concurs with and requests DoD USAF AFC concurrence/coordination on

the following STA request.

Applicant:

Aerostar Technical Solutions

900 West Algonquin St

Sioux Falls, SD 57117

POC: Martin Harms (605-331-3500)

Frequency: 2380.0 MHz

Station Class: MOEB

Emission: 20M0D7W

Power: 8 watts (63 watts ERP)

Location: Lawrence, TN (35-14-03 N 87-15-28 W)

MIRAD: 250 miles (400 KM)

Dates: 2021-02-01 thru 2021-04-30

Frequency: 2380.0 MHz

Station Class: MOEA

Emission: 20M0D7W

Power: 8 watts (25 watts ERP)

Location: Lawrence, TN 35-14-03 N 87-15-28 W)

MIRAD: 250 miles (400 KM)

Maximum flight altitude: 0700,AGL

Dates: 2021-02-01 thru 2021-04-30

AFTRCC comments: MIMO testing via high altitude balloon platform with associated ground station for monitoring and C&C of the airborne platform. This request allows for an Eastern extension of flight path from Sulphur Springs, TX to Lawrence, TN. **No eastward transmission of data or C&C permitted East of Lawrence, TN.**

**This coordination is approved on a strict non-interference basis to current flight test license holders within radio line of sight to the aerial vehicle or ground station.**

**AFTRCC further states that this coordination is approved for testing/demo purposes only and**

**AFTRCC will not give favorable operational coordination for this device in the AMT band 2360-2395 MHz.**

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

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942