

From: Matthew Lukasiewicz

To: Web Filer

Date: June 01, 2021

Subject: File Num#0655-EX-ST-2021 reminder on FAA pre-coordination data request

Message:

FAA pre-coordination concurrence received and assigned FAA Coordination number NG T210307. Below is the concurrence notice along with the Card 3 file. Please let me know if further information is required.

FAA concurrence notice:

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Subject: FAA Concurrence of Record TRK 210309, Project: NFEBB04/26/2021(1)

Dear ben.banks@astronics.com,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210309 is assigned an FAA Coordination number NG T210307 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence.

The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: EXCLUDE 5100-5150 MHZ AND 5610-5620 MHZ FREQUENCIES AS DIRECTED.

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 11/21/2021; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute Record Parameter
Serial Number NG T210307
Frequency M5100.0000
City ATLANTA
State GA
Transmitter Longitude 0842448.00W
Antenna Height 0005
Receiver Latitude 333835.00N
Receiver Longitude 0000000.00W
Antenna Type BICONICAL

Best regards,
FAA Spectrum Engineering Services

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Card 3 File:

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\$\$ADD NG T210307
TYP01 N
DAT01 210525
CLA01 U
FRQ01 M5100.0000
EXD01 211222
STC01 XT
EMS01 1K60P0N
PWR01 W7.92447
XSC01 GA
XAL01 ATLANTA
XLA01 333835N
XLG01 0842448W
XAD01 05GBICONICAL 0002T
XAP01 H
XAZ01 ND
RSC01 GA
RAL01 ATLANTA
RAZ01 ND
BUR01 FCC
BIN01 -
REM01 *FRB,M05100.000000,M05900.000000
REM02 *PRR,200
REM03 *AGN,+NOTCH OUT M5100-M5150,M5610-M5620
REM04 *NTS,M018,FAA ,210525,MEBATE,NG T210307
SUP01 PURPOSE OF THE REQUEST:EMI TESTING: THE PURPOSE OF THE OPERATION IS
TO A
SUP02 SSESS AIRCRAFT SYSTEMS FOR EMI SUSCEPTIBILITY TO THE TRANSMITTED
FREQUEN
SUP03 CIES. POC MATT LUKASIEWICZ, MANAGER, AIRCRAFT CERTIFICATION, 847-821-
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SUP04 00 X 837;;;;

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