

## Rummel, Jeffrey

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**From:** donotreply\_from\_webfcr@faa.gov  
**Sent:** Thursday, July 21, 2022 4:25 PM  
**To:** Rummel, Jeffrey  
**Cc:** robert.ctr.lando@faa.gov  
**Subject:** FAA Concurrence of Record TRK 220981, Project: NFEJR03/15/2022(1)  
**Attachments:** TRK 220981\_NG T220992\_Card3\_Approved.txt; NTIA-Card3-Descriptions.pdf

Dear rummelj@arentfox.com,

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

TRK 220981 is assigned an FAA Coordination number NG T220992 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: SPECIAL CONDITIONS: (1) LICENSE IS LIMITED TO INTERROGATION MODES 1,2,3A , AND C (2) MODES 5 AND S ARE NOT AUTHORIZED (3) THIS LICENSE IS FOR A T RANSMITTER OPERATING WITH ANTENNA TYPE AS-4349 IN CONJUNCTION WITH THE B EAMFORMING NETWORK C-12371 (4) THE ANTENNA OF ALL EQUIPMENT OPERATING ON 1030 MHZ SHALL BE LIMITED TO TRANSMITTING FROM 0 TO 180 DEGREES AZIMUTH WITH RESPECT TO TRUE NORTH (5) THE PRR MUST BE AN AVERAGE OF 375 INTERROGATIONS PER SECOND AND THE PULSE REPETITION INTERVAL (PRI) MUST BE BETWEEN 2400 AND 2930 MICROSECONDS (6) INTERROGATIONS MUST BE MANUALLY INITIATED (7) THERE MUST BE AT LEAST 5 MINUTES BETWEEN EACH INITIATED SET OF INTERROGATIONS (8) MULTIPLIER IS NOT ALLOWED (9) WHENEVER POSSIBLE INTERROGATIONS WILL BE LIMITED TO MODES 1 AND 2 ONLY OR A DUMMY LOAD WILL BE USED (10) ALL EQUIPMENT USED UNDER THE AUTHORITY OF THIS LICENSE WILL BE IN CONFORMANCE WITH ICAO AERONAUTICAL TELECOMMUNICATIONS ANNEX 10.

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 1/17/2023; 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 T220992
Frequency	M1030.0000
City	GREENLAWN
State	NY
Transmitter Latitude	405148.00N
Transmitter Longitude	0732227.00W
Antenna Height	30 Feet
Receiver Latitude	405148.00N

Receiver Longitude	0732231.00W
Equipment Type	G,AN/APX-113(V),INTGR,FX,PD0.8
Antenna Type	LINEARARRY

Best regards,

FAA Spectrum Engineering Services

\$\$ADD NG T220992  
TYP01 N  
DAT01 220715  
CLA01 U  
FRQ01 M1030.0000  
EXD01 240501  
STC01 XT  
EMS01 6M00M1D  
PWR01 W50.00000  
XSC01 NY  
XAL01 GREENLAWN  
XLA01 405148N  
XLG01 0732227W  
XAD01 11GLINEARARRY00069H0009T  
XAZ01 ND  
RSC01 NY  
RAL01 GREENLAWN  
RLA01 405150N  
RLG01 0732231W  
RAD01 0001T  
RAZ01 ND  
BUR01 FCC  
BIN01  
REM01 \*PRR, 375  
REM02 \*EQT, G, AN/APX-113(V), INTGR, FX, PD0.8  
REM03 \*EQR, C, KIN KT-76A  
REM04 \*NTS, M018, FAA , 220721, BLANDO, NG T220992  
SUP01 ASSIGNMENT SUPPORTS AN/APX-113(V) TESTING IN SUPPORT OF AF CONTRACT FA82  
SUP02 3217D0027. SPECIAL CONDITIONS: (1) LICENSE IS LIMITED TO INTERROGATION M  
SUP03 ODES 1, 2, 3A, AND C (2) MODES 5 AND S ARE NOT AUTHORIZED (3) THIS LICENSE  
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SUP13 AD WILL BE USED (10) ALL EQUIPMENT USED UNDER THE AUTHORITY OF THIS LICE  
SUP14 NSE WILL BE IN CONFORMANCE WITH ICAO AERONAUTICAL TELECOMMUNICATIONS ANN  
SUP15 EX 10. STOP BUZZER POC DAVID C. WONG, 631-262-8643.