

Rummel, Jeffrey

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 220917, Project: NFEJR03/03/2022(1)
Attachments: TRK 220917_NG T220929_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 220917 is assigned an FAA Coordination number NG T220929 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) THIS LICENSE IS FOR A TRANSMITTER OPERATING WITH ANTENNA TYPE AS-4349 IN CONJUNCTION WITH THE BEAM-FORMING NETWORK C-123 71; (2) 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; (3) LICENSE IS LIMITED TO INTERROGATION MODES 1,2,3A AND C; (4) MODES 4,5,S ARE NOT AUTHORIZED; (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 MILLISECONDS 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 IC AO 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 T220929
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-126,INTGR,FX,PD0.8
Antenna Type	LINEARARRY

Best regards,

FAA Spectrum Engineering Services

\$\$ADD NG T220929
TYP01 N
DAT01 220715
CLA01 U
FRQ01 M1030.0000
EXD01 240501
STC01 XT
EMS01 5M36VID
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-126,INTGR,FX,PD0.8
REM03 *NTS,M018,FAA ,220721,BLANDO,NG T220929
SUP01 SUPPORTS AN/APX-126 MODES 1, 2, 3/A, AND C. USAF CONTRACT NO.FA823217D00
SUP02 27; CONTRACT POC: JOHNNY BILLET/AFLCMC, 801-777-1602, JOHNNY.BILLET@US
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