

Moore (US), Byron T

From: donotreply_from_webfcr@faa.gov
Sent: Wednesday, February 16, 2022 10:24 AM
To: Moore (US), Byron T
Cc: robert.ctr.lando@faa.gov
Subject: FAA Concurrence of Record TRK 220202, Project: NFEBM02/15/2022(1)
Attachments: TRK 220202_NG T220213_Card3_Approved.txt; NTIA-Card3-Descriptions.pdf

Categories: Red Category

Dear byron.t.moore@boeing.com,

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

TRK 220202 is assigned an FAA Coordination number NG T220213 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) SUPPORTS TESTING TO VERIFY THE OPERATIONS OF INTERROGATOR MODES 1, 2, 3A, AND C ON MULTIPLE AIRCRAFTS. 2) T-47G MUST BE OPERATED UNDER A HOOD WITH A DUMMY LOAD OR DIRECTLY CONNECTED VIA CABLE TO THE AIRCRAFT RECEIVER TO REDUCE FREE SPACE RADIATION. 3) MODE C RESPONSE MUST INDICATE AN ALTITUDE BELOW SEA LEVEL OR ABOVE 90K FEET. 4) OVER-THE-AIR TESTING ON AIRCRAFT AT THE FLIGHT LINE IS LIMITED TO A SINGLE MODE 1 OR MODE 2 TEST AT THE END OF DIRECT-CONNECT MAINTENANCE TESTING TO CONFIRM INTERROGATOR OPERATION (WITH THE ENGINE RUNNING). 5) AREA OF OPERATION IS 2 KM AROUND KELLY FIELD, SAN ANTONIO, TX. 7) STOP BUZZER POC MIKE MCINTYRE 425-499-2804 OR JOHN HENTZE, 206-369-0339

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 8/15/2022; 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 T220213
Frequency	M1090.0000
City	SAN ANTONIO
State	TX
Transmitter Radius	1 NM
Transmitter Latitude	292320.00N
Transmitter Longitude	0983429.00W
Receiver Latitude	292320.00N
Receiver Longitude	0983429.00W
Equipment Type	C,TIE T-47G

Best regards,

FAA Spectrum Engineering Services