

**From:** [donotreply\\_from\\_webfcr@faa.gov](mailto:donotreply_from_webfcr@faa.gov)  
**To:** [Lindsay \(US\), Allen S](mailto:Lindsay (US), Allen S)  
**Cc:** [robert.ctr.lando@faa.gov](mailto:robert.ctr.lando@faa.gov)  
**Subject:** FAA Concurrence of Record TRK 221462, Project: NFEAL09/29/2022(3)  
**Date:** Monday, October 17, 2022 2:06:14 PM  
**Attachments:** [TRK 221462\\_NG T221476\\_Card3\\_Approved.txt](#)  
[NTIA-Card3-Descriptions.pdf](#)

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Dear allen.s.lindsay@boeing.com,

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

TRK 221462 is assigned an FAA Coordination number NG T221476 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 GROUND TESTING ONLY OF RT-2087/ZPX MICRO TRANSPONDER, PART NUMBER UAV-1003850-001, SOFTWARE UAV-1005267-001, AND FIRMWARE UAV-1005268-001 2) MODES 3/A, C, 5 (LEVEL 1 AND 2) AND S (EL S ) 3) SET 3/A CODE TO 1200 OR AS DICTATED BY ATC 4) ALTITUDE MUST BE 600 FT BELOW GROUND LEVEL OR ABOVE 90000FT 5) MAXIMUM OF 4 INTERROGATION SEQUENCES PER MINUTE 6) ANY GROUND TESTING OF TRANSPONDER SYSTEM MUST PREVENT BEING A SOURCE OF INTERFERENCE TO AC OPERATING IN THE AREA 7) RADIOATION OVER THE AIR IS LIMITED TO VERIFICATION OF ANTENNA AND CABLE CONNECTION, ALL OTHER TESTING SHALL BE PERFORMED USING DIRECT CONNECT METHOD OR USE ANTENNA COVERS 8) TESTING MUST BE COORDINATED WITH ATC 9) STOP BUZZER AT INSITU OPERATOR CENTER 509-493-4691.

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 4/15/2023; 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 T221476
Frequency	M1090.0000
City	BINGEN
State	WA
Transmitter Radius	1 NM
Transmitter Latitude	454223.00N

Transmitter Longitude	1212729.00W
Receiver Latitude	454223.00N
Receiver Longitude	1212729.00W
Equipment Type	C,RT-2087/ZPX,FX,PD0.45

Best regards,

FAA Spectrum Engineering Services