

From: donotreply_from_webfcr@faa.gov
To: [Lindsay \(US\), Allen S](#)
Cc: robert.ctr.lando@faa.gov
Subject: FAA Concurrence of Record TRK 221464, Project: NFEAL09/29/2022(3)
Date: Monday, October 17, 2022 2:06:00 PM
Attachments: [TRK 221464 NG T221478 Card3 Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear allen.s.lindsay@boeing.com,

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

TRK 221464 is assigned an FAA Coordination number NG T221478 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-A MICRO TRANSPONDER, PART NUMBER UAV-1005423-001, SOFTWARE UAV-1002393-005, AND FIRMWARE UAV-1002391-001 2) MODES 3/A, C, AND S (ELS) ONLY 3) TESTING LIMITED TO RESTRICTED AREA (R-5701) ONLY AND FLIGHT ALTITUDE MUST CONFORM TO THE DEFINITION OF THE RESTRICTED AREA 4) SHALL FOLLOW RESTRICTIONS PLACED ON COMMAND AND CONTROL LINKS 5) SHALL NOTIFY LOCAL ATC OF TRANSPONDER INTEGRATION TESTING AT LEAST ONE HOUR IN ADVANCE 6) IF ANY OPERATIONS, INCLUDING LAUNCH AND RECOVERY, ARE OUTSIDE OF WARNING/RESTRICTED AREAS, THEN OPERATOR SHALL MAINTAIN 2-WAY COMMUNICATION WITH ATC, FLY UNDER A FLIGHT PLAN, AND POSSESS A COA AND FOLLOW ANY RESTRICTIONS WITHIN THE COA 7) STOP BUZZER AT INSITU OPP CENTR 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 T221478
Frequency	M1090.0000
City	PENDLETON
State	OR
Transmitter Radius	1 NM
Transmitter Latitude	454221.01N

Transmitter Longitude	1185031.99W
Receiver Latitude	454221.01N
Receiver Longitude	1185031.99W
Equipment Type	C,RT-2087/ZPX-A,FX,PD0.45

Best regards,

FAA Spectrum Engineering Services