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Subject: Military Assignment Group (MAG) Pre-Coordination Request for FCC Application
Date: Friday, March 22, 2019 3:00:00 PM
Attachments: [Tech Description Telecommand.pdf](#)
Importance: High

Jessica,

Boeing is requesting Military Advisory Group (MAG) pre-coordination for a FCC OET application that we are submitting for the following:

System: RT-1990(A)C/ARC-210

Frequencies: 247.75 MHz, 319.875 MHz, 341 MHz, 366.125 MHz and 394.3875 MHz

Emission: 25K9F1D

Power: 14.024 watts (Mean ERP) for Unmanned Aircraft System (UAS); 35.228 watts (Mean ERP) for Ground Station

Location: MidAmerica St. Louis Airport St Clair County, Illinois

Coordinates: 383256N 0894912W

Radius Requested: 322 kilometers

Flight level for UAS: 40,000 feet.

Purpose/Detail: The Boeing Company requests a FCC license in order to test Rockwell Collins ARC-210 RT-1990(A) C radio system. Boeing was awarded US Navy government contract, N00019-18-C-1012, to develop MQ-25 Unmanned Aircraft Systems (UASs) that will require implementation of this radio system onboard. This license will allow testing of this radio system on a Boeing-owned and operated UAS prior to integration of the radio into the final MQ-25 UAS that will be delivered to the US Navy. The purpose of this system is Command and Control of the UAS. Frequencies chosen were from bands recommended from Annex B of the UHF channel plan by Pam Crispell of NAVAIR.

I'm am attaching the technical description that will be submitted with our FCC application.

Please let me know if you require any additional information from our group.

Thank you!

Very Respectfully,
Colin Thornsberry
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