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Subject: FAA Concurrence of Record TRK 200128
Date: Monday, March 30, 2020 3:33:51 PM
Attachments: [TRK 200128 NG T200127 FieldsSummary.pdf](#)

Dear Proponent,

Your Frequency Coordination Request has been engineered by FAA Spectrum Engineering. TRK 200128 is assigned an FAA Coordination number NG T200127 which indicates FAA's concurrence. Please note that this does not constitute authority to transmit.

A formal application must be filed with the FCC, that includes reference to the above FAA Coordination number which is valid until 9/26/2020. If an extension is desired, please submit an inquiry via WebFCR for an extension. Your authority to transmit accordingly must be obtained from the FCC. FAA Spectrum has provided the following comment:

FAU Line: BAND APPROVAL: 5140-5150 MHZ FOR THIS LOCATION ONLY. (TO BE ADDED TO BOTH FCC GRANT AND ACKNOWLEDGED BY AEROVIRONMENT) FAA IS CONDITIONALLY CONCURRING WITH THIS HAPS TESTING AS A SHORT-TERM, PROOF OF CONCEPT OPERATION ONLY. THE FAA WILL NOT ENDORSE NOR APPROVE THE USE OF 5091-5150 MHZ FOR THE DEVELOPMENT OF ANY AVIATION-RELATED COMMERCIAL APPLICATIONS BEYOND AEROMACS OPERATIONS. HOWEVER, THE FAA IS GIVING AN EXCEPTION FOR TELEMETRY TESTING AT TRUTH OR CONSEQUENCES DUE TO THE UNIQUE, HIGH-ALTITUDE NATURE OF THE PROPONENT'S REQUIREMENTS. THE PROPONENT SHALL CEASE OPERATIONS WITHIN 60 DAYS UPON BEING NOTIFIED THAT AN AEROMACS SYSTEM IS BEING INSTALLED AT AN AIRPORT WITHIN RADIO LINE OF SIGHT OF 85,000 FEET AGL. IN ADDITION, THE FAA IS ONLY APPROVING 5140-5150 MHZ AS A TEMPORARY MEASURE TO SUPPORT THIS TEST. AEROVIRONMENT MUST BE PREPARED TO FIND A SUITABLE FREQUENCY BAND OTHER THAN 5091-5150 MHZ TO SUPPORT THE DEVELOPMENT AND FUTURE OPERATION OF THIS HAPS PLATFORM. FURTHER RENEWALS AND EXPANSION OF HAPS OPERATIONS BEYOND THIS LOCATION IS DEPENDENT UPON A TRANSITION PLAN TO ANOTHER FREQUENCY BAND. FINALLY, ALL OPERATIONS SHALL BE COORDINATED WITH DOD WSMR AREA FREQUENCY COORDINATOR PRIOR TO START, TO AVOID RADIO FREQUENCY INTERFERENCE WITH OTHER TELEMETRY OPERATIONS.

The attached file contains a Summary Table of the key record parameters documented throughout the process. The following Revision Table outlines the attributes which were revised:

Attribute	Revised Value
Frequency	M5140.0000

Thank You

FAA Spectrum Engineering