

Zaklan, Dennis (Zak)

From: Wyman, Richard Mr CIV USA NETCOM/9TH SC A [richard.wyman@us.army.mil]
Sent: Tuesday, October 19, 2010 11:15 AM
To: Zaklan, Dennis (Zak); douglas.young@fcc.gov; doug.young@fcc.gov; Mark.R.Gallant@faa.gov
Cc: james.burtle@fcc.gov; Hottman, Stephen B. (Steve); Davis, Douglas K.; Desiree.Craig@holloman.af.mil
Subject: RE: TAAC Confernce UAS Spectrum Request/Petition (UNCLASSIFIED)
Attachments: Copy of TAAC Conf Freq STA 1.0.xlsx

Classification: UNCLASSIFIED

Caveats: FOUO

All:

DoD has the following assignments to support some of these systems;

1. AeroVironment Raven/Wasp III UAS- FM Video Downlink.
 - a. AR 106730 - M1810
 - b. AR 106731 - M1840
2. AeroVironment Raven/Wasp III UAS - FM Communication Uplink.
 - a. AR 056293 - M395.05
 - b. AR 056294 - M395.10

WSMR DoD will also coordinate with the Kirtland AFB Spectrum Manager in order to mitigate risk to Kirtland AFB operations, and schedule all frequencies in the Integrated Frequency Deconfliction System (IFDS).

V/R,

Richard J. Wyman
DoD Area Frequency Coordinator
White Sands Missile Range, NM
Phone - Comm: (575) 678-3402
Alt Phone: (575) 678-5417
Phone - DSN: 258-3402
Fax - Comm (575) 678-5281
Cell - (575) 993-0867
NIPR: richard.wyman@us.army.mil
SIPR: richard.wyman@us.army.smil.mil

-----Original Message-----

From: dzaklan@psl.nmsu.edu [mailto:dzaklan@psl.nmsu.edu]
Sent: Monday, October 18, 2010 7:57 AM
To: douglas.young@fcc.gov; doug.young@fcc.gov; Wyman, Richard Mr CIV USA NETCOM/9TH SC A; Mark.R.Gallant@faa.gov
Cc: james.burtle@fcc.gov; shottman@psl.nmsu.edu; ddavis@psl.nmsu.edu; Desiree.Craig@holloman.af.mil

Subject: TAAC Confernce UAS Spectrum Request/Petition

Mr Young.

I am with New Mexico State University (NMSU), Unmanned Aircraft Systems (UAS) area, and have been asked to coordinate/request through your organization, the frequencies for four (UAS) for a demonstration in early December (more specifics below and attached). Doug Davis of NMSU stated that through discussions with Mr James Burtle stated that I should contact you to make this request/application. Additionally, I was also advised to contact you in this method by Mr. Richard Wyman, DOD SW Area Frequency Coordinator, White Sands Missile Range. Richard asked me to ensure that Mr Gallant of the FAA was included as you three made-up the triad for obtaining the frequency or spectrum authorization.

NMSU/ Technical Analysis and Applications Center (TAAC), a holds an annual UAS conference at the Tamaya Resort, NW or Albuquerque NM each year. In attendance are the FAA, DOD, DHS, other Dept of Government Elements, major and some minor manufacturers, and other related/interested parties. This year we were asked to hold a small UAS demonstration as some of the attendees have never seen a UAS in operation/flight. To accommodate this important educational requirement on the new technology in aviation, it was determined to use small UAS to keep them in a small and low altitude box for safety and enable these key persons the understand the basics of UAS flight.

Date: 7 & 8 December 2010

Time: 0800 - 1700 each day

Location: 35 21' 00" N 106 32'34" W

Distance: Within ½ mile of location.

Altitude: Less than 400' AGL

Mr Wyman suggested I put together a matrix with the frequency hardware/signals information. This matrix is attached and also contains the information from both DOD and the FCC which we were able to obtain.

We appreciate your help and guidance. Let me know how you would like me to proceed with this issue. My contact information is listed below.

Dennis Zaklan

Deputy Director, UAS FTC

New Mexico State University

575-646-9417 W

575-635-1030 C

Classification: UNCLASSIFIED

Caveats: FOUO