

28-Sep-17

DoD Coordination Exhibit

Textron Aviation coordinated these frequencies and emissions with DoD for an STA and a 2-year license. The STA, call sign WL9XIO, was needed for a quick grant so we could prepare for an Air Force sponsored demonstration event. A 2-year license is needed for continued development, testing, training and demonstrations at our facilities in Wichita, KS. The coordination term will expire on 16-June-2019, and we request that the license expiration be set to match the coordination. We expect to re-coordinate and renew the license at that time.

A copy of the DoD coordination email begins on page 2 of this exhibit. Our DoD coordination contact was Luis Sanchez. His contact information follows:

Luis (Guillo) Sanchez
AFMO – US&P
(210) 221-0454
Luis (Guillo) Sanchez (luis.g.sanchez10.civ@mail.mil)

Very Respectfully,

Dan Hankins
Spectrum Manager - Sr
Textron Aviation, Inc.

From: [Sanchez, Luis G \(Guillo\) CIV USARMY NETCOM \(US\)](mailto:Sanchez.Luis.G.(Guillo).CIV.USARMY.NETCOM.US)
To: [Hankins, Danny](mailto:Hankins.Danny)
Cc: [Sanchez, Edwin \(Ed\) CIV USARMY NETCOM \(US\)](mailto:Sanchez.Edwin.(Ed).CIV.USARMY.NETCOM.US)
Subject: RE: Textron Aviation Coordination Request for Wichita Vortex STA (UNCLASSIFIED)
Date: Monday, June 05, 2017 9:51:06 AM
Attachments: [image001.jpg](#)

CLASSIFICATION: UNCLASSIFIED

Dan,

AFMO-US&P CONCUR WITH TEXTRON AVIATION COORDINATION REQUEST FOR WICHITA VORTEX STA FROM 16-JUNE-2017 THRU 16-JUNE-2019. COORDINATION NUMBER AFM0170420//GUILLO-LUIS.G.SANCHEZ10.CIV@MAIL.MIL-210-221-0454//

V/R
Guillo
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From: Hankins, Danny [mailto:dhankins@txtav.com]
Sent: Monday, June 05, 2017 9:22 AM
To: Sanchez, Luis G (Guillo) CIV USARMY NETCOM (US) <luis.g.sanchez10.civ@mail.mil>
Cc: Sanchez, Edwin (Ed) CIV USARMY NETCOM (US) <edwin.sanchez1.civ@mail.mil>
Subject: [Non-DoD Source] Textron Aviation Coordination Request for Wichita Vortex STA

Hi Guillo,

Hope all is well in Texas. Looking forward to the Fall FMG in San Antonio.

Textron Aviation, Inc. needs to coordinate with you for an experimental STA (to get an authorization soonest possible), and follow up with an application for a 2-year experimental license. The frequencies I am requesting are already on experimental license WH2XCK (attached) that we have for the same location, but the transmitter make/model, power, bandwidth and emissions are different. We are OK with using the same frequencies as on the attached license. These frequencies will be used for development, testing, and demonstration of airborne platforms incorporating the Vortex datalink transceivers.

Request Parameters

Location Description: within 150 km of coordinates 37-38-42 N, 097-15-54 W, Wichita, Sedgwick County, KS

Operation start date: 16-June-2017

Transmitter Model: Vortex C-Band Digital Transceiver, J/F 12/10238

Frequencies: 4570 MHz and 4600 MHz

Emission Designators: 810KF1D, 1M62F1D, 1M94F1D, 2M40G1D, 4M05F1D, 4M79G1D, 9M58G1D

Transmitter Power: 20 W mean

Antenna: 3" blade

Antenna Gain: 6 dBi

Radiated Power: 48.6 W ERP / 80 W EIRP

Station Classes: Mobile aircraft, mobile ground

Aircraft Max Altitude: 20,000 ft MSL

Thanks,

Dan Hankins

Spectrum Manager - Sr

Textron Aviation

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