

From: Robert Kruse

To: Web Filer

Date: August 07, 2018

Subject: 0086-EX-CR-2018 pre-coordination data request

Message:

Ms. Nguyen:

This is to advise you that the FAA has issued revised coordination reports for Station WA2XFZ – for the following records:

- TRK 182188 - NG T180174 (1090 MHz)
- TRK 182189 - NG T180175 (1030 MHz)

The revised reports have been emailed directly to you.

As you can see, the notes for each frequency are listed below. Please let me know if any additional action by BAE Systems is required.

1030 MHz:

THIS ASSIGNMENT SUPPORTS THE AN/APX-113(V) INTERROGATOR-TRANSPONDER SET PRODUCTION TESTING FOR THE F-16 MID-LIFE UPDATE PROGRAM. USAF CONTRACT FA8615-12-C WITH POC STEVE NEMETH 937-904-6607. FCC EXPERIMENTAL LICENSE WA2XFZ TO INCLUDE THE FOLOWING TEN FAA CONDITIONS FOR 1030MHZ:

- (1) THIS LICENSE IS FOR A TRANSMITTER OPERATING WITH ANTENNA TYPE AS-4349 IN CONJUNCTION WITH THE BEAM-FORMING NETWORK C-12371;
 - (2) MAX POWER IS 500W ERP;
 - (3) LICENSE IS LIMITED TO INTERROGATION MODES 1,2,3A AND C;
 - (4) MODES 4,5,S ARE NOT AUTHORIZED;
 - (5) THE PRR MUST BE AN AVERAGE OF 375 INTERROGATIONS PER SECOND AND THE PULSE REPETITION INTERVAL (PRI) MUST BE BETWEEN 2400 AND 2930 MICROSECONDS;
 - (6) INTERROGATIONS MUST BE MANUALLY INITIATED;
 - (7) THERE MUST BE AT LEAST 5 MINUTES BETWEEN EACH INITIATED SET OF INTERROGATIONS;
 - (8) MULTIPLIER IS NOT ALLOWED;
 - (9) WHENEVER POSSIBLE INTERROGATIONS WILL BE LIMITED TO MODES 1 AND 2 ONLY OR A DUMMY LOAD WILL BE USED;
 - (10) ALL EQUIPMENT USED UNDER THE AUTHORITY OF THIS LICENSE WILL BE IN CONFORMANCE WITH ICAO AERONAUTICAL TELECOMMUNICATIONS ANNEX 10.
- 1090 MHz:

THIS ASSIGNMENT SUPPORTS THE AN/APX-113(V) INTERROGATOR-TRANSPONDER SET

PRODUCTION TESTING FOR THE F-16 MID-LIFE UPDATE PROGRAM. USAF CONTRACT FA8615-12-C-6016 WITH POC STEVE NEMETH 937-904-6607. FCC EXPERIMENTAL LICENSE WA2XFZ TO INCLUDE THE FOLOWING TWO FAA CONDITIONS FOR 1090MHZ:

- (1) MODE 3A CODE MUST BE SET TO 5117 AND THE ALTITUDE MUST BE SET TO 90,000FT;
- (2) ALL EQUIPMENT USED UNDER THE AUTHORITY OF THIS LICENSE WILL BE IN CONFORMANCE WITH ICAO AERONAUTICAL TELECOMMUNICATIONS ANNEX 10.

Best regards,

Jeff Rummel
Attorney for BAE Systems