

From: Robert Kruse

To: Web Filer

Date: July 17, 2018

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

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Message:

File No. 0086-EX-CR-2018

Ref. 40932, 41377

Ms. Nguyen:

This is to advise you that FAA coordination has been completed for this application (which has already been granted).

Please see the comments by FAA on the concurrences.

TRK 182188 - 1090 MHz:

&ldquo;FAU Line: SUPPORTS THE AN/APX-113(V) INTERROGATOR-TRANSPONDER SET PRODUCTION TESTING FOR THE F-16 MID-LIFE UPDATE PROGRAM. MODE 3A CODE WILL BE SET TO 5117 AND THE ALTITUDE WILL BE SET TO 90000 FEET. THE AVERAGE PRR IS 375 AND THE PRI MUST BE BETWEEN 2400 AND 2930 MICROSECONDS. OPERATE MODES 1,2,3 A AND C ONLY. MODE 4 INTERROGATIONS ARE NOT AUTHORIZED. FCC EXPERIMENTAL LICENSE IS WA2XFZ. RENEWAL PENDING UNDER FILE NO. 0086-EX-CR-2018. FOR IR&D AND US AIR FORCE CONTRACT. FAA POC DON BRISTOL 718-977-6611. CONTR ACT NO. FA8615-12-C-6016 CONTRACT POC STEVE NEMETH 937.904.6607&rdquo;

TRK 182189 &ndash; 1030 MHz:

&ldquo;FAU Line: SUPPORTS THE AN/APX-113(V) INTERROGATOR-TRANSPONDER SET PRODUCTION TESTING FOR THE F-16 MID-LIFE UPDATE PROGRAM. GROUND BASED INTERROGATIONS ONLY USING MODES 1,2,3A AND 3C ONLY. NO MODE 4 INTERROGATIONS ARE AUTHORIZED. AVERAGE PRR IS 375 PER SEC AND PRI SHALL BE BETWEEN 2400 AND 2930 MICROSECS. THE 1090MHZ ANTENNA SHALL BE ORIENTED TOWARD THE LOCAL 1030MHZ ANTENNA. FCC LICENSE IS WA2XFZ BUT MAX PWR IS 500W ERP. FAA POC DON BRISTOL 718-977-6611. CONTRACT NO. FA8615-12-C-6016 CONTRACT POC STEVE NEMETH 937.904.6607&rdquo;

Please note that for 1030 MHz (TRK 182189), BAE Systems agreed with FAA to limit the ERP on the frequency 1030 MHz to 500W unless additional FAA coordination obtained. That is why the FAA's comments for 1030 MHz above state &ldquo;MAX PWR IS 500W ERP&rdquo;

Best regards,

Jeff Rummel  
Attorney for BAE Systems