

From: Craig Harbeson

To: Web Filer

Date: June 11, 2020

Subject: 0503-EX-CN-2020 pre-coordination data request

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Message:

This installation is going to be used in an enclosed aircraft hangar for the rebroadcasting of GPS signals to aid the Avionics department in daily operations. The repeating antenna will be located inside the building, where the ceiling and wall meet, in the South/Western corner of Hangar A. This mounting location combined with the addition of mounting the repeating antenna behind a large steel girder, will provide excellent shielding from any spurious emissions going outside the hangar building when the door is open during normal operations.

In addition to the mounting location, the directional repeating antenna will be pointed toward the South/Eastern corner of the hangar, and coupled with the front to back ratio of directional antenna, will further isolate spurious emission from exiting the hangar.

Please contact myself, Craig Harbeson, with any further questions regarding this installation.