

Fairbanks Alaska FCC

7. If all the answers to Items 4, 5, 6 are "NO", include as an exhibit a narrative statement describing in detail the following items:

- a. The complete program of research and experimentation proposed including description of equipment and theory of operation.
- b. The specific objectives sought to be accomplished.
- c. How the program of experimentation has a reasonable promise of contribution to the development, extension, expansion or utilization of the radio art, or is along line not already investigated

Purpose of this station request is to support UAS flight tests to evaluate a Command & Control (C2) CNPC C-Band communication link based on the RTCA/DO-362A standard and what's expected from TSO-C213A. This will be evaluated in a hostile environment (in and around Fairbanks, Alaska) while using:

- uAvionix SkyLink-5060 airborne radios,
- uAvionix SkyStation-5060 Ground-based radios, and
- A uAvionix cloud-managed BVLOS C2 network termed SkyLine.