

Form 442 Question 7: Experimentation Description

A transmit license is needed to support the continuation of uAvionix Corporation development and testing of C-band airborne and ground radios for command and Control of UAS. The airborne radio is SkyLink-5060 (Class AXS) and the ground radio is SkyStation-5060 (Class GLXS). The development effort was previously undertaken with an STA having Station License WX9XMK. FAA Concurrence of Record was under Project NFEJD04/23/2024() valid through 11/5/2024. The eventual goal is a pair of FAA-compliant radios in accordance with RTCA/DO-362A [*Command and Control (C2) Data Link Minimum Operational Performance Standards (MOPS) (Terrestrial)*] and FAA TSO-C213a [*Unmanned Aircraft Systems Control and Non-Payload Communications Terrestrial Link System*] which invokes it.