

FCC form 442

Question 6

Kentucky Utilities Company is working very closely with the FAA and OCAS AS of Norway in the U. S. testing and development of a radar based obstacle collision avoidance system (OCAS). The radar consists of no moving parts and during the testing stage will be pole mounted. As an aircraft penetrates the radar coverage area it will turn on the strobe light near the top of the wire crossing support structures. The medium intensity white strobe light will be activated from a sleep mode. Should the aircraft continue to approach the wire crossing it will activate the voice warning which will be broadcast over the test frequencies.

The intention of the OCAS radar unit is to provide another method of protection to the flying public. This requested permit is for a testing period only. The tests are intended to take place in October 2004. Once the testing is completed, the unit will be dismantled. Assuming the tests prove successful, we will submit appropriate FCC permit forms requesting permission for a permanent OCAS radar unit to be installed nearby.