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Why an Experimental License is Necessary:

An experimental license is required for the development and integration testing of a cellular device to support development and integration testing prior to FCC Parts 22, 24, and 27 certification.

Operation Description:

The Aircraft Interface Device (AID) includes a Cellular card from Sierra Wireless that will be integrated into the final device. The device will operate in the Cellular (4G/LTE) bands. Cellular service will be obtained through authorized cellular service provider and with their permission. Testing will be accomplished at multiple laboratories and locations around the U.S.

All of the experimental devices will be under control of Boeing during testing.

The Sierra Wireless EM7565 base equipment certified under FCC identification number SQG-60SIPT remains unchanged. The form factor and antenna are the only changes being made.