

Administrative Section Cont.

Question 7:

- a. Bell Textron Inc. (formerly known as Bell Helicopters) is developing a logistics delivery UAV. This license is needed for the Command and Control of the vehicle's datalink to perform functional test for data collection and also demonstrate integration within the National Air Space which the project was awarded by NASA Armstrong Research Center.*

- b. The transmitter must be tested to verify functionality and reliability of the systems. It must not create nor inhibit interference from the surrounding environment.*

- c. The capability provided by this transceiver is needed to fulfill the functional requirements for our UAV platforms.*

Operating Procedure

1. Ground Auto Tracker Antenna setup within radius of operation at indicated base/mobile location as the Ground Data Terminal.
2. Ground Auto Tracker Antenna automatically switched to Omni antennas during close-up operation.
3. Aircraft fly to destination within radius of operation of the mobile station. Max altitude 1000 ft.
4. Ground Auto Tracker Antenna automatically switched to Directional antenna if necessary during flight.
5. Aircraft reached destination and proceed back to home base.
6. Ground Auto Tracker Antenna automatically switched to Omni antennas during close-up operation.
7. Aircraft landed and shutdown.