

20-Jul-2023

Question 7: Purpose of Experiment

- a) Textron Aviation is developing and testing Remotely Piloted Aircraft (RPA). The requested frequencies will be used for datalinks to connect the RPA and Ground Control Station.
- b) The objective is to develop and certify safe, efficient, and reliable Remotely Piloted Aircraft.
- c) The testing will involve multiple transmitter and antenna configurations to evaluate and optimize the Command and Control datalink performance. Initial testing will be done on the ground and/or using manned aircraft. Airborne testing of unmanned aircraft will only be conducted as approved by the Federal Aviation Administration.

Very Respectfully,

Dan Hankins
Engineer Spc
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