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Approvals Sought at FCC for Experimental Operations

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Every year, thousands of applications are filed with the Federal Communications Commission (FCC) by defense contractors and equipment manufacturers seeking approval for experimental wireless operations in support of National Security objectives.

Experimental licensing is a critical and necessary tool for contractors seeking to test and develop defense-related wireless systems and equipment in support of government contracts or for research and development in support of military priorities.

ArentFox Schiff is pleased to provide the following list of notable

experimental filings from the past week:

Applications for New Experimental Licenses from the last week include the following:

- AeroVironment, Inc.
    - Transmission of “command and control data from the UAS and transmit NTSC video and telemetry to the ground control station”.
- Airbus US Manufacturing Facility
    - “to perform GPS ground tests inside the hanger”.
- Raytheon Company
    - “to assess the performance of the drone-to-antenna communication link.”

Applications for New Experimental Special Temporary Authority from the last week include the following:

- Anduril Industries, Inc.
    - “to operate a radar and radio at three locations”
- Kuiper Systems LLC
    - “to operate an experimental earth station to transmit test signals to an aerial receiver carried by a drone for the purpose of measuring the earth station antenna and its transmitter system performance “

Other Experimental Filings submitted to the FCC include the following:

- Modifications:
    - Electronic Warfare Associates, Inc.

    - BAE Systems Information and Electronic Systems Integration Inc.
- New Authority:
    - Space Exploration Technologies Corp.

Additional research provided by Zoe Tumminello.

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