

## Purpose of Operation for FCC License Application - APM-424(V)5 Flight Line Test Set

### Purpose of Operation

The APM-424(V)5 is a critical component designed for flight line testing, specifically intended for the Model 5800 interrogator. The primary purpose of obtaining an FCC license for the APM-424(V)5 is to facilitate intermittent, short-duration checkouts of the Model 5800 interrogator during operational testing at various locations.

The expected usage of the APM-424(V)5 interrogations from the Model 5800 interrogator to a co-located APM-424(V)5 test set. The APM-424(V)5 will receive and respond over-the-air to these interrogations.

This FCC license application aims to ensure regulatory compliance for the utilization of the APM-424(V)5 in these specific testing scenarios, enabling the seamless and efficient evaluation of the Model 5800 interrogator across different locations.

- File Number: 0096-EX-CN-2024
- Confirmation Number: EL420174
- Class of Station: FX
- Station Locations: FIXED
- Effective: 02/05/2024
- Expiration: 02/04/2026

### 2 Experimental Explanation

As detailed in paragraph 1 above, Raytheon seeks this Experimental License in order to allow testing and technical demonstrations of the APM-424(V)5.

### 3. Stop Buzzer

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