

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.

This new application is a renewal, identical to the expired license associated with call sign WO2XOR.

- File Number: 1112-EX-CN-2024
- Confirmation Number: EL354167
- Class of Station: FX
- Station Locations: FIXED
- Effective: 11/04/2024
- 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

Mike Clayton, mwclayton@rtx.com, 714-446-3851, 714-930-6751