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UAV EDPOD

UAV ELECTRONIC SUPPORT POD

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UAV EDPOD represents a state-of-the-art SWAP-C optimized ESM system, which uses highly accurate direction-finding receiver technology to pinpoint the source of threat radars in order to provide a full tactical picture of the operational environment. It estimates the direction and geolocation information of threat radars and creates the electronic order of battle. The system extracts parameters of the detected radars (angle of arrival, frequency, pulse width, pulse amplitude, pulse repetition interval and intra-pulse modulation) and calculates the geolocation of the radars using the direction of arrival information. It has the capability of recording radar position information and Pulse Description Words for post-mission analysis.

KEY FEATURES
Wide Frequency Band Operation
Wide Instantaneous Bandwidth
Wide Angular Coverage
AI Based Detection And Identification Algorithms
Detailed Parameter Extraction
Programmable Mission Data File Based Operation
Direction Finding And Geolocation
In-Mission Recording And Post-Mission Analysis

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