

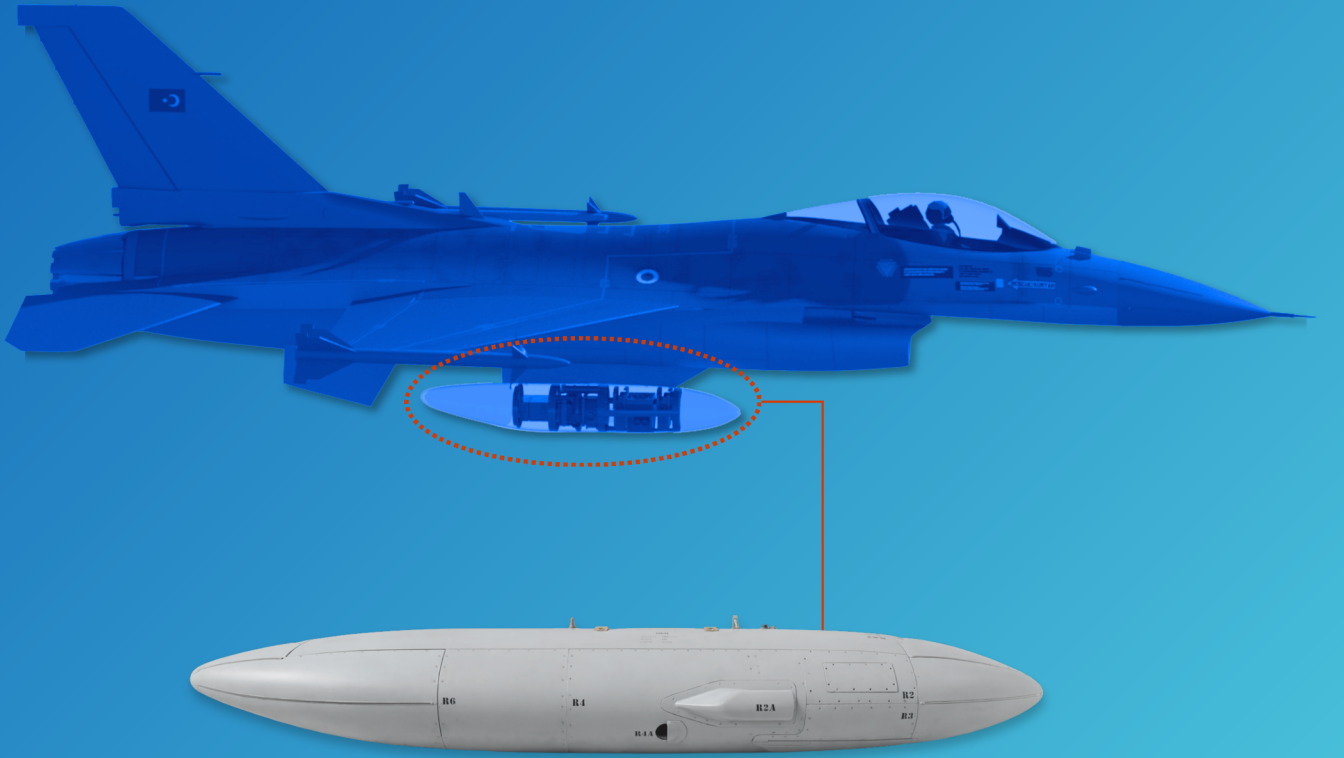


TÜBİTAK
BİLGEM



EDPOD

TACTICAL ELECTRONIC SUPPORT POD FOR FIGHTER JETS



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EDPOD is a Tactical Electronic Support (ES) Pod developed for fighter jets to enhance electromagnetic situational awareness and support the Electronic Warfare Order of Battle (EWOB) by detecting, identifying, and geolocating threat radars in real time.

KEY CAPABILITIES

Wideband and Narrowband Radar Detection
Threat Identification And Classification
Emitter Geolocation Based on Angle of Arrival (AoA)
High-Fidelity Data Recording (PDWs and Raw IF Data)
Networked Operations Via Link-16

EXTRACTED RADAR PARAMETERS

Angle of Arrival (AoA)
Frequency
Pulse Width (PW)
Pulse Repetition Interval (PRI)
Antenna Scan Characteristics
Intra-Pulse Modulation Features

Ground Support & Post-Mission Analysis

Recorded mission data is analyzed using dedicated Ground Support System (GSS) software. The analysis results are then utilized to update Electronic Warfare databases, refine emitter libraries, and enhance future mission planning as well as overall operational effectiveness.

OPERATIONAL BENEFITS

Improved Situational Awareness In Contested Electromagnetic Environments
Enhanced Threat Recognition and Tracking
Faster EW Intelligence Cycle Through Data-Driven Updates
Interoperable, Network-Centric EW Operations

