

AIRCRAFT SURVIVABILITY

ELECTRONIC WARFARE SOLUTIONS

Electronic Attack

Multi-Function

IEW

SIGINT

SPECTRUM CONTROL

ECM

Battle Proven

COMJAM

ELINT

Survivability

Multi-Mission

COMINT

GSR

Surveillance

FOLLOW



WHO WE ARE

BUILD WITH US

FLY WITH US



WHO WE ARE ELBITAMERICA

For over 25 years, we have provided innovative and advanced capabilities for our nation's military, border patrol agents and commercial pilots; sustainment and support solutions for aircraft and ground combat vehicles; and life-saving medical instrumentation technologies. With facilities throughout the United States, our dedicated employees support those who help **keep America safe.**

OUR U.S. LOCATIONS

Boca Raton, FL	Ogden, UT
Choctaw, MS	Orlando, FL
Dayton, OH	PaX River
Ft. Benning, GA	Quantico, VA
Ft. Walton, FL	Reston, VA
Ft. Worth, TX – HQ	Roanoke, VA
Huntsville, AL	San Antonio, TX
Merrimack, NH	Talladega, AL
	Washington, DC



AIRCRAFT SURVIVABILITY SYSTEMS

Work alongside our engineers to develop and test new technologies for current and future vertical lift missile warning, jamming, and RF detection systems.

COMPUTING

SURVIVABILITY

TRAINING

SITUATIONAL
AWARENESS

SUSTAINMENT
& SUPPORT

ADVANCED THREAT DETECTION

ALL-IN-SMALL

MWS

PAWS

SPEAR

UNIFIED EW

COMPLETE SOLUTION

ELECTRONIC WARFARE SOLUTIONS | COMPLETE PROTECTION AGAINST ALL THREAT TYPES



ALL-IN-SMALL

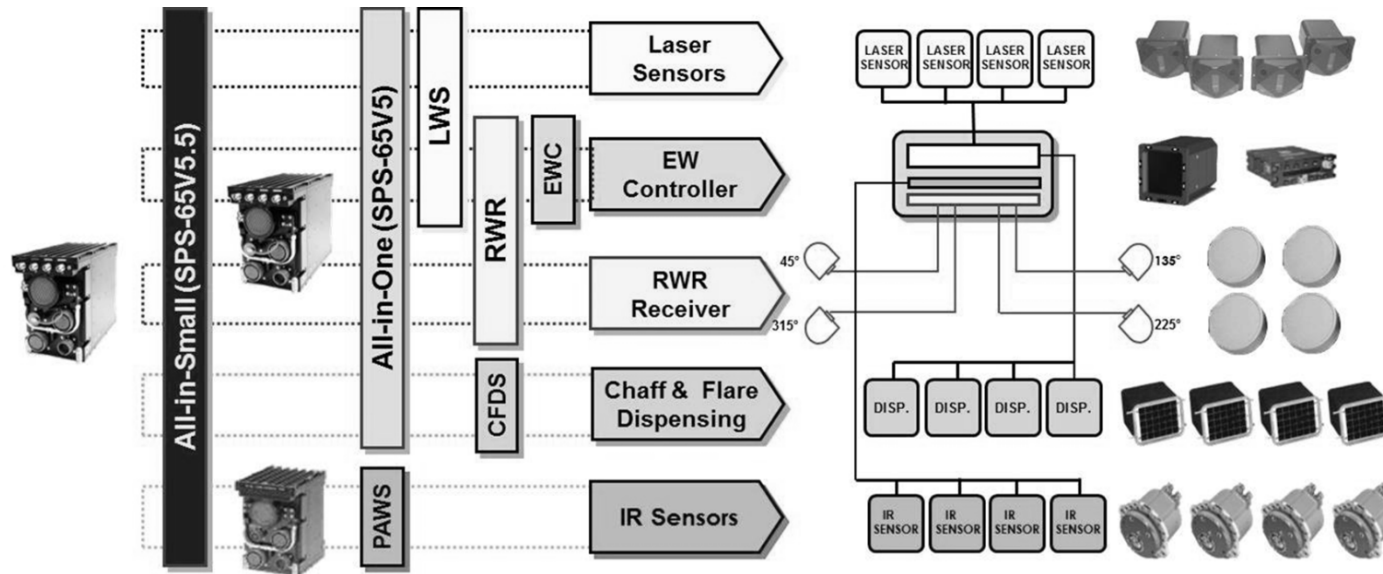
MWS

PAWS

SPEAR

UNIFIED EW

ALL-IN-SMALL™



A FAMILY OF IR BASED SELF PROTECTION SOLUTIONS

Our All-In-Small provides complete protection against air and ground threats.

- IR Detection & Processing
- Laser Detection
- Digital RF Receivers
- Robust Algorithms
- Miniaturization
- Advanced COTS compatible
- Standalone or Fully/Partially Integrated
- Optional DIRCM
- Affordable
- Modular
- Scalable
- Programmable
- Lightweight
- Full organic support

MWS

UNIFIED EW

PAWS

COMPLETE SOLUTION

SPEAR

COMPUTING

SURVIVABILITY

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AWARENESS

SUSTAINMENT
& SUPPORT



MISSILE WARNING SYSTEMS

COMBAT PROVEN MWS

Our MWS is IR-CENTRIC® ready and provides sustainable, all weather, all combat scenario, high performance missile warning protection.

- expanded situational awareness
- distributed aperture enhancements and other mission support features
- open System - Integrated with a variety of sensors
- optimal coverage with Large FOV sensors

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PAWS

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SITUATIONAL
AWARENESSSUSTAINMENT
& SUPPORT

PAWS™

☐ IR Based Full Self-Protection:

- ☐ Missile Warning System MWS
- ☐ Hostile Fire Detection
- ☐ Fully Integrated with DIRCM

☐ IR-CENTRIC™ - A force Multiplier :

- ☐ Mission Support
- ☐ Situational Awareness
- ☐ VISINT Sensors

Passive Airborne Warning System (PAWS) Family



Situational Awareness



DIRCM Integration



A FAMILY OF IR BASED SELF PROTECTION SOLUTIONS

COMPUTING

SURVIVABILITY

TRAINING

SITUATIONAL
AWARENESS

SUSTAINMENT
& SUPPORT

A FAMILY OF ADVANCED INFRARED BASED SELF PROTECTION SOLUTIONS FOR ALL AIRCRAFT TYPES

ALL-IN-SMALL

UNIFIED EW

MWS

COMPLETE SOLUTION

SPEAR



SPEAR/MICRO SPEAR™

SELF PROTECTION, ELECTRONIC ATTACK & RECONNAISSANCE

- ECM – Electronic Countermeasures
- RWR – Advanced Digital Radar Warning Receiver
- EWC – EW Suite Controller
- CFDS – Chaff/Flare Dispensing System
- Digital Receiver and RF Memory (DRFM) embedded into a single compact LRU
- Supports various antennas & transmitters, including SSPA transmitters
- Incorporates COTS components

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UNIFIED EW SUITE

UNIFIED ELECTRONIC WARFARE (ARJ-V2)

- RWR - Digital Radar Warning (C-K bands)
- ECM - Digital Self Protection RF Jammer (E-K bands)
- Currently in Production
- Advanced Technology
- Highly Capable User Programmable System



ALL-IN-SMALL

SPEAR

PAWS

COMPLETE SOLUTION

MWS

COMPUTING

SURVIVABILITY

TRAINING

SITUATIONAL
AWARENESS

SUSTAINMENT
& SUPPORT

LIVE, VIRTUAL, & CONSTRUCTIVE TRAINING SYSTEMS

START BUILDING



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CUSTOM INTEGRATION

Our vertical lift test bed and integration lab allows us to integrate unique features optimized for your critical mission needs.



HANDS ON SIMULATION

Our high fidelity simulator, the Vertical Lift Advanced Technology Integration Device, allows live testing with our Airbus AS-355.

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SITUATIONAL
AWARENESS

SUSTAINMENT
& SUPPORT

HIGH PERFORMANCE MISSION COMPUTING & SOFTWARE APPLICATIONS

By developing solutions together, we can reduce the cost and schedule of advanced technology operational assessments by validating operational requirements and working out software integration issues prior to system installation on U.S. military aircraft.

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BUILD WITH US

Our Vertical Lift Test Bed, a highly modified Airbus AS-355 helicopter, integrates state-of-the-art warfighting technologies that can be configured with a variety of avionics boxes, sensors, antennas, and cockpit systems for current and future U.S. and allied vertical lift aircraft.

In collaboration with our systems integration lab in Fort Worth, operational pilots work side-by-side with our engineers and technicians to optimize and test new systems for the future of flight.

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AIRBUS AS-355

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ADVANCED SITUATIONAL AWARENESS & DEGRADED VISUAL ENVIRONMENTS

We have the power to
develop and demonstrate
advanced tactical situational
awareness systems relevant to
your critical mission.

START BUILDING



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[COMPUTING](#)[SURVIVABILITY](#)[TRAINING](#)[SITUATIONAL
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& SUPPORT](#)

KEEPING OUR WARFIGHTERS IN THE FIGHT

SUSTAINMENT & SUPPORT SOLUTIONS

Elbit Systems of America is an FAA Certified Repair Station for radio, airframe, power plant, accessories and instrument ratings. As the OEM for the Merlin Metro family of aircraft, we offer all factory support for the SA26, SA226 and SA227. In addition to the Merlin and Metro, we support a variety of aircraft. Our facilities provide full service support to aircraft on ground, drop-in, or heavy maintenance. Our services include structural repairs, engineering, and field team support.

ENGINEERING

- Development (Including IR&D)
- Reverse Engineering
- Obsolescence

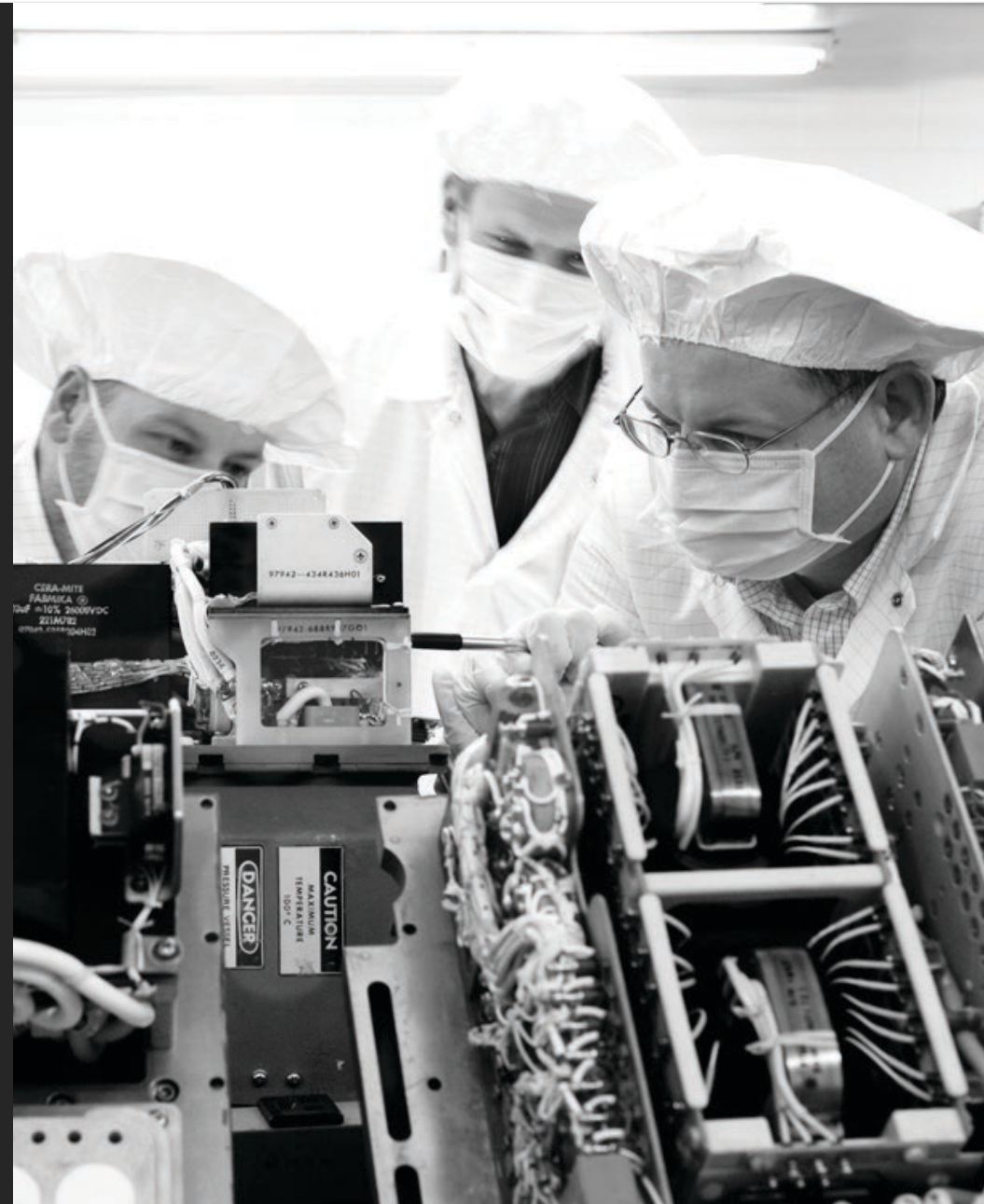
MAINTENANCE, REPAIR, & OVERHAUL

- EW Components
- Radar Repair Center of Excellence

COMPUTING

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AWARENESS

FLY WITH US



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