

Collins Aerospace

Category	F-16 product
Airframe systems	Anti-collision lights Composite structures GRID-Lock® metallic flight control surfaces Landing and taxi lights Lighting systems Power supply flash pattern generator Trailing-edge wing Utility actuation
Avionics	Air data probes Electronic subsystems Engine temperature sensor Health and usage management systems (HUMS) Ice detector Joint Helmet Mounted Cueing System (JHMCS) Pressure sensor Total air temperature (TAT) sensor Video surveillance
Communications	AN/ARC-164 airborne UHF radio AN/ASQ-177 situational awareness data link (SADL) VINSON/ANDVT crypto modernization (VACM) devices
Computing	Aircraft launcher interface computer (ALIC) Common Open Secure Mission Computing (COSMC) Engine control systems Modular mission computer (MMC) Power generation
Electronic countermeasures	Controllers
Engine and engine components	Accessory drive gearbox Augmenter controller Digital electronic engine controls (DEECs) Engine monitor remote interface unit Engine sensors Engine start system Fuel quantity gauging system Ignition exciter Main spraybar Pilot afterburner spraybar Speed, torque and oil level Thermocouple Total air temperature sensors
Landing systems and components	Main and nose landing gear drag brace assemblies Main and nose landing gear hydraulic actuator assembly Main and nose landing gear shock strut assemblies Main wheel and carbon brake assembly Nose landing gear door assembly Nose wheel assembly
Mission equipment	AN/ARC-210 Radio Cartridge-actuate devices/propellant-actuated devices (CAD/PAD) Gun control Linear explosive products MAGR 2000 GPS receiver



Category	F-16 product
Mission systems	ACES 5® ejection seat ACES II® ejection seat
Power and environmental systems	Augmenter fuel pumps Digital fuel quantity gauging system (DFQGS) Engine fuel nozzles Engine fuel pumps Environmental and airframe control systems Fuel controls Generator control unit (GCU) Heat exchanger Ice detection systems Integrated drive generator (IDG) PTS - PTO shaft Water separator Valves
Safety and security systems	Air data systems Fire extinguishers
Simulation and training	Visual simulation products

Pratt & Whitney

Category	F-16 product
Engine and engine components	F100 engine

Raytheon

Category	F-16 product
Air-to-air missiles	AIM-9X® missile AMRAAM® missile JSOW® glide weapon
Air-to-surface effector	HARM® high-speed guided missile HARM targeting system (HTS) Maverick® Paveway® bomb
Electronic countermeasure	Advanced countermeasure electronic system (ACES) ALQ-184 Self-Protect ECM Pod ALQ-187 electronic jammer Integrated multi-platform launch controller (IMPLC) MALD-J® decoy T3 launcher
Radar/warning	ALR-69A radar warning receiver
Surveillance and reconnaissance	DB-110 MS-110

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50 years and counting  
RTX products across the F-16

Since its first flight 50 years ago, RTX products have enabled F-16s and their aircrew to fly, complete their missions and return home safely.

We make more than 80 products across all F-16 variants, providing the technology needed for a tactical edge in the skies.





# RTX products across the F-16

## Airframe systems

Our complex airframe systems include lighting, generators and composite structures.

## Safety and security systems

From air data systems to fire extinguishers, we offer a full suite of safety solutions for aircrew.

## Mission systems

Mission systems convert data into actionable intelligence. Collins' ACES family of ejection seats have saved 714 lives and are used by 30 air forces worldwide.

## Computing

Mission computers host mission, flight and display management process functions.

## Avionics

Navigation, display and multisystem avionics allow pilots to operate in any airspace.

## Communications

Communication systems and software-defined radios provide advanced effectiveness within and between domains.

## Electronic countermeasure

Decoy systems protect aircraft from radar-guided missiles.

## Radar/warning

Enhance situational awareness and improve aircrew survivability.

## Simulation and training

Image-generation technology with scene realism for any training level.

## Landing systems and components

Landing systems help improve aircraft performance and safety.

## Engine and engine components

Pratt & Whitney's F100 engine is the only 4th generation engine that offers operationally proven 5th generation technologies.

Collins' engine power and sensor systems provide the precise amount of fuel and critical information needed throughout flight.

## Power and environmental systems

Ensure that fighters can sustain flight conditions.

## Mission equipment

Tactical airborne radios and embedded GPS capabilities help joint and coalition forces communicate and act with precision.

## Air-to-surface effector

Our advanced weapons equip fighters with sophisticated missiles and bombs that deliver unparalleled precision.

## Air-to-air missiles

Raytheon makes the most advanced, combat-proven and platform-agnostic missiles.

## Surveillance and reconnaissance

Provide day and night, wide area, and long-range imagery coverage.

