

Collins Aerospace

Category	F-15 product
Airframe systems	Composite bay structure (CBS) ruder Flap assembly GRID-Lock® metallic flight control surfaces Lighting systems Wing tip assembly Wired systems and aircraft integration
Avionics	Air data probes Angle of attack sensor Digital head-up display (HUD) FPCD head-down display (HDD) Health and usage management systems (HUMS) Ice detector Instrument landing system (ILS) Joint Helmet Mounted Cueing Display System (JHMCS) MPD head-down display (HDD) Total air temperature (TAT) sensor
Communications	AN/ARC-164 airborne UHF radio Crypto modernization devices Multi-band communications systems
Engine and engine components	Digital electronic engine controls (DEECs) Speed, torque and oil level Thermocouple
Landing systems and components	Cams Jury link assemblies Lock ring main wheel and carbon brake assembly
Mission equipment	AN/ARC-210 radio Cartridge-actuated devices/propellant actuated-devices (CAD/PAD) Embedded GPS MIDS-LVT Link 16 tactical airborne terminal Programmable armament control systems (PACs)
Mission systems	ACES 5® ejection seat ACES II® ejection seat Airborne intelligence, surveillance and reconnaissance High-frequency (HF) radio Multifunctional information distribution joint tactical radio system (MIDS-JTRS) Simplifying complex information (SCI) toolset Tactical airborne navigation (TACAN) system Terrain referenced navigation TruNet networked communications solutions
Power and environmental systems	Augmenter fuel pumps Avionics cooling monitor units Constant speed drive (CSD) upgrade kit Digital fuel quantity gauging system (DFQGS) Fuel controls Fuel nozzle Ice detection system PTS-PTO shaft
Radar/warning	Identification friend or foe (IFF) antenna, transponder (APX-119) and interrogator (APX-114)
Safety and security systems	GR7000 parachute

Pratt & Whitney

Category	F-15 product
Engine and engine components	F100 Engine

Raytheon

Category	F-15 product
Air-to-air missiles	AIM-9X® missile AMRAAM® missile
Air-to-surface effector	Enhanced Paveway® missile HARM® high-speed guided missile Maverick® Paveway® bomb StormBreaker® smart weapon
Electronic countermeasure	ALQ-128 electronic warfare warning
Targeting	APG-63(V)3 radar APG-82 radar
Surveillance and reconnaissance	DB-110 MS-110

52 years and counting RTX products across the F-15

Since its first flight 52 years ago, RTX products have enabled F-15s and their aircrew to fly, complete their missions and return home safely.

We make more than 60 products across all F-15 variants, providing the technology needed for a tactical edge in the skies.



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RTX products across the F-15

Airframe systems

Complex military airframe systems.

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.

Safety and security systems

Our parachute is designed with advanced safety features.

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

Radar warning receiver systems and identification friend or foe capabilities enhance situational awareness and improve survivability.

Targeting

Tactical radars deliver enhanced multi-target tracking and precision engagement capabilities.

Landing systems and components

Landing systems help improve aircraft performance and safety.

Engine and engine components

Pratt & Whitney's F100 engine is the only fourth-generation engine that offers operationally proven fifth-generation technologies.

Collins' engine systems provide the precise amount of fuel and critical information 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-air missiles

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

Air-to-surface effector

Our advanced weapons equip fighters with sophisticated missiles with unparalleled precision.

