

## Description

The F-15 Eagle is an all-weather, tactical fighter/bomber that uses its maneuverability and acceleration, range, weapons and avionics to gain and maintain superiority in aerial combat. The F-15 has electronic systems and weaponry to detect, acquire, track and attack enemy aircraft while operating in friendly or enemy-controlled airspace.

## Wars and other Military Operations

F-15s were used in at least the following wars and military operations: Israel (1973), Libya (1983), Iraq (1991, 1991-1996, 1992-present, 1997-present, 1998), Yugoslavia (1993-1995, 1995-1996, 1999), U.S. (2001-present), Afghanistan (2001-present) and Iraq (2003). (See page 31.)

## Weapons

F-15s can fire 2.75 in unguided rockets and can also "deliver" the following bombs and missiles:

AIM-9	AGM-158	CBU-97	
AIM-120	CBU-52	GBU-10	
AGM-65	CBU-71	GBU-15	MK-20
AGM-88	CBU-87	GBU-28	M-61A1
AGM-130	CBU-89	JDAM	RIM-7M

Nuclear: U.S. F-15s are still tasked to "deliver" B61 nuclear weapons.

(For details, see "Bombs, Guns and Missiles," pp. 32-37.)

## Canadian War Shows

F-15s have "performed" for audiences at Canadian "air shows," including the following:

Abbotsford (BC), Cold Lake (AB), Hamilton (ON), Lethbridge (AB), London (ON), North Bay (ON), Ottawa (ON), Quebec (QC), Saskatoon (SK), Shearwater (NS), Toronto (ON) and Winnipeg (MB).

## Prime

## Contractor

McDonnell Douglas (now Boeing) (USA)

## CPP Investment ✓

(See pp. 6-7)

## Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and services they provided for the F-15:

**AlliedSignal Aerospace Canada:** Electronic Environmental Control Systems

**Atlantis Systems International:** Maintenance and operational simulation training systems (for the F-15E).

**AWSM Enterprises (Division of Avcorp Industries):** Aircraft maintenance trainers (for the F-15E).

**Bomem Inc:** Infrared imaging spectro-meter (for the F-15E).

**Canadair:** parts (for the F-15E).

**Canadian Commercial Corp. (companies undisclosed):**



- Landing gear parts (for F-15E).
- Maintenance-repair shop equipmt;
- Electrical converters (for the F-15E).
- Pressure, temperature and humidity instruments (for the F-15E).
- air conditioning and heating (for the F-15E).
- measuring instruments (for the F-15E).

**CMC Electronics Inc** (formerly **Canadian Marconi Company**): (1) Hybrid microcircuits (2) Infrared target system power supply (for the F-15E).

**Devtek Corp.:** (1) landing gear components; (2) heat exchangers and electronic enclosures

**Durmitor Inc:** Airborne Radar Equipment

**DY 4:** Single Board Computer for Advanced Display Core Processor (for the F-15E).

**ELCAN Optical Technologies:** Cockpit Television Lenses

**Fleet Industries:** Rudder fairing structure (for the F-15E).

**Garrett Manufacturing:** (1) temperature control systems, (2) hybrid microcircuits (for the F-15E).

**Haley Industries:** castings (for the F-15E).

**Honeywell ASCA Inc:** Pressure, Temperature and Humidity Measuring and Controlling Instruments

**Hypernetics Limited:** electromagnetic indicators, flags, shutters and annunciators

**Magellan Aerospace:** engine and/or airframe components

**Northrop Grumman, Canadian Operations:** Ring Laser Gyro Inertial navigation system (for the F-15E).

**Rockwell International of Canada:** (1) radio navigation equipmt, (2) airborne electronics equipment (for the F-15E).

**Virtual Prototypes Inc:** Simulation software to prototype and deploy the avionics instruments (for the F-15E).

**West Heights Manufacturing:** Landing gear components (for the F-15E).