

Description

The F-16 is a multi-role fighter/bomber designed as a cheaper counterpart to the F-15. It is a relatively low-cost, high-performance weapon system used in air-to-air combat and for attacking targets on the ground.

Wars and other Military Operations

F-16s were used in at least the following wars and military operations: Lebanon (1982-1983), Iraq (1991), Iraq (1991-1996), Iraq (1992-present), Iraq (1993), Iraq (1997-present), Yugoslavia (1994), Yugoslavia (1995-1996), Yugoslavia (1999), US (2001-present), Afghanistan (2001-2003) and Iraq (2003). (See page 31.)

Weapons

F-16s "deliver" the following bombs and missiles:

AIM-7	AGM-88B	CBU-71	M-61
AIM-9	AGM-158	CBU-78	MK-20
AIM-120	CBU-52	CBU-87	MK-82
AGM-65	CBU-58	CBU-89	RIM-7M

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

Canadian War Shows

The F-16 has "performed" for audiences at Canadian "air shows," including the following:

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

Prime

Contractor

General Dynamics (now Lockheed Martin) (USA)

CPP Investment ✓

(See pp. 6-7)

Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the F-16:

AlliedSignal Aerospace Canada: fuel control systems

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Canadian Commercial Corp. (companies undisclosed):

- Maintenance, repair and components
- Electrical and Electronic assemblies, Boards, Cards and Associated Hardware
- Electrical, nonrotating power converters
- Aircraft Air Conditioning, Heating, and Pressurizing Equipment
- Aircraft Landing Gear Components
- flight instruments
- switches
- non-airborne radar equipment
- Communication equipment (for the F-16C/D).
- Electronics (for the F-16C/D).

Canadian Marconi Co.: electronic & avionics components

Derlan Aerospace Canada Ltd: Engine accessory gear-boxes (for the F-16C/D).

DRS Flight Safety and Communications unit: Deployable Flight Incident Recorder Sets (for the F-16C/D).

DY 4 Systems: System Technology Enhancement Program enabling legacy avionics system

Edgewater Computer Systems: Systems engineering services

ELCAN Optical Technologies: Cockpit Television Lenses

Fag Bearings: Unmounted, antifriction bearings

Garrett Canada: (1) Peripheral vision display, (2) temperature control systems, (3) hybrid microcircuits, (4) maintenance, repair, rebuilding

Haley Industries: castings

Héroux-Devtek Inc: landing gear components

Honeywell ASCA: (1) misc. engine accessories, (2) meteorological instruments and apparatus

Hypernetics: electromagnetic indicators, flags, shutters and annunciators

IMP Group: airframe structural components

Litton Systems Canada: (1) Flat Panel AMLCD & LED Displays, (2) Data entry/cockpit interface and dedicated fault display, and (3) inertial navigation system.

Magellan Aerospace: Inner combustion liners for engines

Menasco: landing gear

Northrop Grumman: Ring Laser Gyro (for the F-16C/D).

Solectron Technical Centre: computer boards