



FACT SHEET

U.S. Air Force Fact Sheet

MCDONNELL DOUGLAS F-15C

The F-15C Eagle was an updated version of the [F-15A](#). Major improvements include 2,000 pounds of additional internal fuel capacity, provisions for Fuel And Sensor Tactical -- FAST Pack conformal external fuel tanks with weapons mount points for AIM-7 Sparrow missiles, and greatly improved avionics and radar. The addition of a programmable signal processor for the radar allows for easier updates of the system to meet changing combat conditions.

The first flight of the C model was Feb. 27, 1979, with initial deliveries starting later in the year. The F-15D, a combat-capable two-seat trainer version, first flew on June 19, 1979. In addition to the USAF, the F-15 is flown by Israel, Japan and Saudi Arabia.



The first production McDonnell Douglas F-15C (S/N 78-468) in flight. (U.S. Air Force photo)

Type	Number built/ converted	Remarks
F-15A	384	365 to USAF
F-15B	61	59 to USAF
F-15C	482	409 to USAF
F-15D	93	61 to USAF
F-15E	215*	Through FY96

Notes:

- 19 F-15A to Israel
- 10 YF-15As produced
- Two F-15B to Israel
- Two YF-15Bs produced
- One YF-15B became YF-15E

- 18 F-15C to Israel
- 55 F-15C to Saudi Arabia
- 13 F-15D to Israel
- 19 F-15D to Saudi Arabia
- 20 F-15DJ built in Japan
- 25 F-15I (F-15E) to Israel
- Two F-15J to Japan
- 72 F-15S to Saudi Arabia

TECHNICAL NOTES:

Armament: One 20mm M61A1 Vulcan cannon, four AIM-7 Sparrow and four [AIM-9 Sidewinder missiles](#), plus 15,000 lbs. mixed ordnance carried externally

Engines: Two Pratt & Whitney F100-PW-100 turbofans of 25,000 lbs. thrust each

Maximum speed: Plus 1,600 mph (Mach 2.5) at 45,000 ft.

Range: 2,500 miles with external fuel tanks

Service ceiling: 65,000 ft.

Span: 42 ft. 9 3/4 in.

Length: 63 ft. 9 in.

Height: 18 ft. 5 1/2 in.

Weight: 68,000 lbs. maximum

Crew: One