

Beginning F

F/A-XX program

Super Hornet and complement the F-35C beginning in the 2030s. A requirement was first identified in June 2008. The F/A-XX is the crewed combat aircraft - F/A-XX is a development and acquisition program for a future sixth-generation strike fighter to replace the United States Navy's F/A-18E/F Super Hornet and complement the F-35C beginning in the 2030s. A requirement was first identified in June 2008.

The F/A-XX is the crewed combat aircraft component and centerpiece of the Navy's Next Generation Air Dominance (NGAD) family of systems. Although identically named and sharing some technology developments, this program is distinct from the U.S. Air Force's NGAD sixth-generation fighter program.

In July 2025, it was announced that the F/A-XX program received \$76 million in funding for fiscal year 2026 while the Boeing F-47 received \$3.4 billion in funding.

List of islands by name (F)

article features a list of islands sorted by their name beginning with the letter F. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z List of islands - This article features a list of islands sorted by their name beginning with the letter F.

General Dynamics F-16 Fighting Falcon

but has been supplanted by a digital computer system beginning with the F-16C/D Block 40. The F-16's controls suffered from a sensitivity to static electricity - The General Dynamics (now Lockheed Martin) F-16 Fighting Falcon is an American single-engine supersonic multirole fighter aircraft under production by Lockheed Martin. Designed as an air superiority day fighter, it evolved into a successful all-weather multirole aircraft with over 4,600 built since 1976. Although no longer purchased by the United States Air Force (USAF), improved versions are being built for export. As of 2025, it is the world's most common fixed-wing aircraft in military service, with 2,084 F-16s operational.

The aircraft was first developed by General Dynamics in 1974. In 1993, General Dynamics sold its aircraft manufacturing business to Lockheed, which became part of Lockheed Martin after a 1995 merger with Martin Marietta.

The F-16's key features include a frameless bubble canopy for enhanced cockpit visibility, a side-stick to ease control while maneuvering, an ejection seat reclined 30 degrees from vertical to reduce the effect of g-forces on the pilot, and the first use of a relaxed static stability/fly-by-wire flight control system that helps to make it an agile aircraft. The fighter has a single turbofan engine, an internal M61 Vulcan cannon and 11 hardpoints. Although officially named "Fighting Falcon", the aircraft is commonly known by the nickname "Viper" among its crews and pilots.

Since its introduction in 1978, the F-16 became a mainstay of the U.S. Air Force's tactical airpower, primarily performing strike and suppression of enemy air defenses (SEAD) missions; in the latter role, it replaced the F-4G Wild Weasel by 1996. In addition to active duty in the U.S. Air Force, Air Force Reserve Command, and Air National Guard units, the aircraft is also used by the U.S. Air Force Thunderbirds aerial demonstration team, the US Air Combat Command F-16 Viper Demonstration Team, and as an

adversary/aggressor aircraft by the United States Navy. The F-16 has also been procured by the air forces of 25 other nations. Numerous countries have begun replacing the aircraft with the F-35 Lightning II, although the F-16 remains in production and service with many operators.

List of United Kingdom locations

coordinates. A B C D E F G H I, J K L M N O P Q R S T U V W X–Z See also External links Location names beginning with A Location names beginning with Aa–Ak Location - A gazetteer of place names in the United Kingdom showing each place's county, unitary authority or council area and its geographical coordinates.

Location names beginning with A

Location names beginning with Aa–Ak

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Location names beginning with As–Az

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Location names beginning with Bab–Bal

Location names beginning with Bam–Bap

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Location names beginning with Bas–Baz

Location names beginning with Bea–Bem

Location names beginning with Ben–Bez

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Location names beginning with X–Z

Lockheed Martin F-22 Raptor

rate is 62–70%. Beginning in 2021, the F-22 has been seen testing a new chrome-like surface coating, speculated to help reduce the F-22's detectability - The Lockheed Martin/Boeing F-22 Raptor is an American twin-engine, jet-powered, all-weather, supersonic stealth fighter aircraft. As a product of the United States Air Force's Advanced Tactical Fighter (ATF) program, the aircraft was designed as an air superiority fighter, but also incorporates ground attack, electronic warfare, and signals intelligence capabilities. The prime contractor, Lockheed Martin, built most of the F-22 airframe and weapons systems and conducted final assembly, while program partner Boeing provided the wings, aft fuselage, avionics integration, and training systems.

First flown in 1997, the F-22 descended from the Lockheed YF-22 and was variously designated F-22 and F/A-22 before it formally entered service in December 2005 as the F-22A. It replaced the F-15 Eagle in most active duty U.S. Air Force (USAF) squadrons. Although the service had originally planned to buy a total of 750 ATFs to replace its entire F-15 fleet, it later scaled down to 381, and the program was ultimately cut to 195 aircraft – 187 of them operational models – in 2009 due to political opposition from high costs, a perceived lack of air-to-air threats at the time of production, and the development of the more affordable and versatile F-35 Lightning II. The last aircraft was delivered in 2012.

The F-22 is a critical component of the USAF's tactical airpower as its high-end air superiority fighter. While it had a protracted development and initial operational difficulties, the aircraft became the service's leading counter-air platform against peer adversaries. Although designed for air superiority operations, the F-22 has

also performed strike and electronic surveillance, including missions in the Middle East against the Islamic State and Assad-aligned forces. The F-22 is expected to remain a cornerstone of the USAF's fighter fleet until its succession by the Boeing F-47.

Grumman F-14 Tomcat

Force shared footage of airstrikes destroying five Iranian F-14s on the ground. Beginning in the late 1950s, the U.S. Navy sought a long-range, high-endurance - The Grumman F-14 Tomcat is an American carrier-capable supersonic, twin-engine, tandem two-seat, twin-tail, all-weather-capable variable-sweep wing fighter aircraft. The Tomcat was developed for the United States Navy's Naval Fighter Experimental (VFX) program after the collapse of the General Dynamics-Grumman F-111B project. A large and well-equipped fighter, the F-14 was the first of the American Teen Series fighters, which were designed incorporating air combat experience against smaller, more maneuverable MiG fighters during the Vietnam War.

The F-14 first flew on 21 December 1970 and made its first deployment in 1974 with the U.S. Navy aboard the aircraft carrier USS Enterprise, replacing the McDonnell Douglas F-4 Phantom II. The F-14 served as the U.S. Navy's primary maritime air superiority fighter, fleet defense interceptor, and tactical aerial reconnaissance platform into the 2000s. The Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) pod system was added in the 1990s and the Tomcat began performing precision ground-attack missions. The Tomcat was retired by the U.S. Navy on 22 September 2006, supplanted by the Boeing F/A-18E/F Super Hornet. Several retired F-14s have been put on display across the US.

Having been exported to Pahlavi Iran under the Western-aligned Shah Mohammad Reza Pahlavi in 1976, F-14s were used as land-based interceptors by the Imperial Iranian Air Force. Following the Iranian Revolution in 1979, the Islamic Republic of Iran Air Force used them during the Iran–Iraq War. Iran claimed their F-14s shot down at least 160 Iraqi aircraft during the war (with 55 of these confirmed), while 16 Tomcats were lost, including seven losses to accidents.

As of 2024, the F-14 remains in service with Iran's air force, though the number of combat-ready aircraft is low due to a lack of spare parts. During the Iran–Israel war in June 2025, the Israeli Air Force shared footage of airstrikes destroying five Iranian F-14s on the ground.

Aeritalia F-104S Starfighter

late 1960s until the beginning of the 21st century. The F-104S also served in the Turkish Air Force until the mid-1990s. The F-104S was the final development - The Aeritalia F-104S Starfighter was a licensed production Italian version of the Lockheed F-104 Starfighter, which served in the Italian Air Force, and was its mainstay from the late 1960s until the beginning of the 21st century. The F-104S also served in the Turkish Air Force until the mid-1990s. The F-104S was the final development of the Starfighter line.

Derived from Lockheed's design studies on a "Super Starfighter", the F-104S was one of the most capable of the F-104 series, and destined to be the last in service worldwide. The F-104S (upgraded to ASA/M standard) was retired from service in October 2004.

Boeing F-15EX Eagle II

F-15 and F-15E-based variants, such as the F-15A/B/C/D, F-15E, F-15I, F-15S, F-15K, F-15SG, see McDonnell Douglas F-15 Eagle and McDonnell Douglas F-15E - The Boeing F-15EX Eagle II is an American multirole fighter derived from the McDonnell Douglas F-15E Strike Eagle. The aircraft resulted

from U.S. Department of Defense (DoD) studies in 2018 to recapitalize the United States Air Force's (USAF) tactical aviation fleet that was aging due to curtailed modernization, particularly the truncated F-22 production, from post-Cold War budget cuts. The F-15EX is a variant of the F-15 Advanced Eagle, a further development of the F-15E design initially intended for export and incorporates improved internal structure, flight control system, and avionics. The aircraft is manufactured by Boeing's St. Louis division (formerly McDonnell Douglas).

The Advanced Eagle began with the F-15SA (Saudi Advanced) which first flew in 2013, followed by the F-15QA (Qatari Advanced) in 2020. The F-15EX had its maiden flight in 2021 and took advantage of the active export production line to reduce costs and expedite deliveries for the USAF; it entered operational service in July 2024. The F-15EX is expected to replace the remaining F-15C/D in the U.S. Air Force and Air National Guard for performing homeland and air defense missions and also serves as an affordable platform for employing large stand-off weapons to augment the frontline F-22 and F-35. The Advanced Eagle in this configuration represents the current baseline in F-15 production.

Ford F-Series

heavier-duty F-250 through F-450 pickups, F-450/F-550 chassis cabs, and F-600/F-650/F-750 Class 6–8 commercial trucks. The F-Series was introduced in 1948 as a - The Ford F-Series is a series of light-duty trucks marketed and manufactured by the Ford Motor Company since model year 1948 as a range of full-sized pickup trucks — positioned between Ford's Ranger and Super Duty pickup trucks. Alongside the F-150 (introduced in 1975), the F-Series also includes the Super Duty series (introduced in 1999), which includes the heavier-duty F-250 through F-450 pickups, F-450/F-550 chassis cabs, and F-600/F-650/F-750 Class 6–8 commercial trucks.

McDonnell Douglas F/A-18 Hornet

2020. Australia has also purchased 24 F/A-18F Super Hornets, with deliveries beginning in 2010. In March 2015, six F/A-18As from No. 75 Squadron were deployed - The McDonnell Douglas F/A-18 Hornet is an all-weather supersonic, twin-engined, carrier-capable, multirole combat aircraft, designed as both a fighter and ground attack aircraft (hence the F/A designation). Designed by McDonnell Douglas and Northrop, the F/A-18 was derived from the YF-17 that lost against the YF-16 in the United States Air Force's lightweight fighter program. The United States Navy selected the YF-17 for the Navy Air Combat Fighter program, further developed the design and renamed it F/A-18; the United States Marine Corps would also adopt the aircraft. The Hornet is also used by the air forces of several other nations, and formerly by the U.S. Navy's Flight Demonstration Squadron, the Blue Angels.

The F/A-18 was designed to be a highly versatile aircraft due to its avionics, cockpit displays, and excellent aerodynamic characteristics for high angles-of-attack maneuvers, with the ability to carry a wide variety of weapons. The aircraft can perform fighter escort, fleet air defense, suppression of enemy air defenses, air interdiction, close air support, and aerial reconnaissance. Its versatility and reliability have proven it to be a valuable carrier asset.

The Hornet entered operational service in 1983 and first saw combat action during the 1986 United States bombing of Libya and subsequently participated in the 1991 Gulf War and 2003 Iraq War. The F/A-18 Hornet served as the baseline for the F/A-18E/F Super Hornet, its larger, evolutionary redesign, which supplanted both the older Hornet and the F-14 Tomcat in the U.S. Navy. The remaining legacy Navy Hornets were retired in 2019 with the fielding of the F-35C Lightning II.

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