



HEADQUARTERS ALLIED AIR COMMAND

D-66877 Ramstein-Miesenbach, Germany



## Ramstein Flag - Aircraft fact sheets

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### F-35 Lightning II

- **Type:** Multirole Stealth Fighter
- **Manufacturer:** Lockheed Martin (USA)
- **Primary Role:** Air superiority, strike missions, intelligence, surveillance, and reconnaissance (ISR)
- **Key Features:** Stealth capabilities, advanced avionics, integrated sensor fusion, supersonic speeds, and vertical take-off and landing (F-35B)
- **NATO Operators:** USA, UK, Italy, Netherlands, Norway, Denmark, Turkey (pending)
- **Max Speed:** Mach 1.6
- **Combat Radius:** 1,000 km

### Dassault Mirage 2000

- **Type:** Multirole Fighter
- **Manufacturer:** Dassault Aviation (France)
- **Primary Role:** Air superiority, ground attack
- **Key Features:** Delta-wing design, agility, high climb rate, multirole capabilities
- **NATO Operators:** France, Greece
- **Max Speed:** Mach 2.2
- **Combat Radius:** 1,550 km

## Dassault Rafale

- **Type:** Multirole Fighter
- **Manufacturer:** Dassault Aviation (France)
- **Primary Role:** Air superiority, ground attack, nuclear deterrence
- **Key Features:** Omnirole capabilities, advanced avionics, canard-delta wing design, active electronically scanned array (AESA) radar
- **NATO Operators:** France
- **Max Speed:** Mach 1.8
- **Combat Radius:** 1,850 km

## F-16 Fighting Falcon

- **Type:** Multirole Fighter
- **Manufacturer:** Lockheed Martin (USA)
- **Primary Role:** Air superiority, ground attack
- **Key Features:** Highly maneuverable, cost-effective, widely exported and operated, advanced avionics and weapon systems
- **NATO Operators:** USA, Belgium, Denmark, Greece, Netherlands, Norway, Poland, Portugal, Romania, Turkey
- **Max Speed:** Mach 2.0
- **Combat Radius:** 1,000 km

## Eurofighter Typhoon

- **Type:** Multirole Fighter
- **Manufacturer:** Eurofighter GmbH (Consortium of Airbus, BAE Systems, Leonardo)
- **Primary Role:** Air superiority, ground attack
- **Key Features:** Agile performance, supercruise capability, advanced avionics, AESA radar
- **NATO Operators:** UK, Germany, Italy, Spain
- **Max Speed:** Mach 2.0

- **Combat Radius:** 1,389 km

### Saab JAS 39 Gripen

- **Type:** Multirole Fighter
- **Manufacturer:** Saab AB (Sweden)
- **Primary Role:** Air superiority, ground attack, reconnaissance
- **Key Features:** Highly agile, cost-effective, designed for easy maintenance, advanced avionics
- **NATO Operators:** Hungary, Czech Republic
- **Max Speed:** Mach 2.0
- **Combat Radius:** 800 km

### MQ-9 Reaper

- **Type:** Unmanned Aerial Vehicle (UAV)
- **Manufacturer:** General Atomics (USA)
- **Primary Role:** ISR, precision strike
- **Key Features:** Long endurance, advanced sensors, can carry precision-guided munitions, remote operation
- **NATO Operators:** USA, UK, Italy, France, Spain, Netherlands
- **Max Speed:** 482 km/h
- **Endurance:** 27 hours

### RC-135 Rivet Joint

- **Type:** Electronic Surveillance Aircraft
- **Manufacturer:** Boeing (USA)
- **Primary Role:** Signals intelligence (SIGINT)
- **Key Features:** Advanced signals intelligence capabilities, real-time data collection and analysis, used for strategic and tactical missions

- **NATO Operators:** USA, UK
- **Max Speed:** 870 km/h
- **Range:** 5,600 km

### **E-3 Sentry (AWACS)**

- **Type:** Airborne Early Warning and Control (AEW&C) Aircraft
- **Manufacturer:** Boeing (USA)
- **Primary Role:** Airborne command and control, battle management, surveillance
- **Key Features:** Rotating radar dome, 360-degree radar coverage, command and control capabilities
- **NATO Operators:** NATO (via the NATO Airborne Early Warning & Control Force), USA, UK, France
- **Max Speed:** 855 km/h
- **Range:** 9,250 km

### **E-7 Wedgetail**

- **Type:** Airborne Early Warning and Control (AEW&C) Aircraft
- **Manufacturer:** Boeing (USA)
- **Primary Role:** Airborne command and control, surveillance, battle management
- **Key Features:** Advanced radar system (Multi-role Electronically Scanned Array - MESA), 360-degree coverage, real-time data link capabilities
- **NATO Operators:** UK (under procurement)
- **Max Speed:** 850 km/h
- **Range:** 6,000 km

### **C-130 Hercules**

- **Type:** Tactical Transport Aircraft
- **Manufacturer:** Lockheed Martin (USA)

- **Primary Role:** Airlift of troops, equipment, and supplies; medevac; special operations
- **Key Features:** Versatile, capable of short take-offs and landings, can operate from unprepared airstrips
- **NATO Operators:** USA, UK, Italy, Greece, Norway, Turkey, Denmark, Belgium, Portugal
- **Max Speed:** 671 km/h
- **Range:** 3,800 km

### **A400M Atlas**

- **Type:** Tactical and Strategic Airlift Aircraft
- **Manufacturer:** Airbus Defence and Space (Europe)
- **Primary Role:** Airlift of troops, heavy equipment, and supplies; airdrop missions; medevac
- **Key Features:** Large cargo capacity, capable of carrying heavy and oversized loads, long range, can operate from short and unpaved runways
- **NATO Operators:** Germany, France, Spain, UK, Belgium, Turkey
- **Max Speed:** 780 km/h
- **Range:** 8,700 km