

▶ LEARN ABOUT RAF AIRCRAFT PAST AND PRESENT

KEY STATS

Powerplant: Two Eurojet EJ200 turbojets

Thrust: 20,000lb x2 **Length:** 15.96m

Height: 5.29m **Wingspan:** 11.09m

Maximum speed: Mach 1.8

Maximum altitude: 55,000ft **Radar:** Captor ECR 90

Missiles: AMRAAM, ASRAAM

Bombs: EPW II, Paveway IV **Guns:** Mauer 27mm

Defensive Aids: Electronic Counter and Surveillance Measures, Missile Approach Warning, Expendables, Towed Radar Decoy

BASED AT
RAF Lossimouth & RAF Coningsby

FLYING WITH
1(F), 12, 29, 3(F), 41, 6, II(AC), IX(B), XII(F) Squadrons

A highly capable and extremely agile multi-role 4th Generation combat aircraft, capable of being deployed in the full spectrum of air operations, including air policing, peace support and high intensity conflict.

RECOGNITION TIPS
Recognisable by the front canards and the big square intakes that are placed underneath the aircraft.

TYPHOON FGR4



KEY STATS

Powerplant: two 71,100lb st (316kN) Rolls-Royce Trent 772B turbofans

Length: 192ft in (58.82m) **Height:** 57ft (17.39m)

Wingspan: 197ft (60.30m)

Wing area: 3,892.20sqft (361.60m²)

Typical mission range: capable of delivering around 132,000lb (60,000kg) of fuel

Maximum altitude: 41,000ft

Maximum fuel load: 245,000lb (111,000kg)

Maximum payload: around 99,000lb (45,000kg)

Maximum passenger load: 291


BASED AT
RAF Brize Norton

FLYING WITH
10 & 101 Squadrons

Voyager is the RAF's sole air-to-air refuelling (AAR) tanker and also operates as a strategic air transport.

RECOGNITION TIPS
Recognisable by the grey paint scheme, the RAF logo down the side and a lightning bolt in grey from the tail to the nose of the aircraft.

VOYAGER



- Are you interested in finding out more about the aircraft of the RAF? Do you want to be able to recognise the aircraft on display at air shows or on RAF bases? If you have answered yes to any of these questions then these new aircraft recognition resources are for you.
- This new material has been created by cadets, for cadets. When the syllabus is complete, it will give you all the information you need about every aircraft that has been in service with the RAF, including helpful recognition tips and high quality photography.

CURRENT RAF AIRCRAFT

The first section includes all 26 aircraft currently in service with the RAF.

Each page contains:

- Interesting statistics about each aircraft
- Current operational bases and the squadrons flying with each aircraft.
- Information about what each aircraft is currently used for.
- Some useful recognition tips.

HISTORICAL RAF AIRCRAFT

This is an ongoing project which will eventually provide information on every aircraft that has ever been in service with the RAF since 1918!

Future material will be released in sections, focussing on the decades the aircraft were first flown with the RAF.

Find out about:

- Some of the first aircraft the RAF flew.
- Aircraft during the inter-war years.
- Each aircraft flown during WWII.
- The beginning of the jet age.
- Aircraft introduced during the Cold War period.
- More modern aircraft that were developed at the end of, or after the Cold War.

ACCESSING TRAINING

All resources are available on **Utilearn**. See *How To Guide #1* to find out how to access. Staff can also access the material from the Training Hub on Bader SharePoint.