

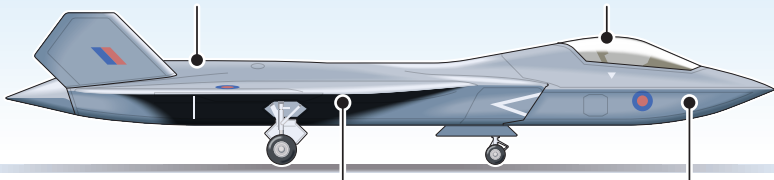
Tempest next-generation fighter jet

The Global Combat Air Programme (GCAP), also known as Tempest, is a multinational effort led by the UK, Japan and Italy to deliver a new stealthy combat aircraft by 2035

TEMPEST: Sixth-generation stealth-capable fighter jet

Twin engines: Deep inside fuselage to minimise radar and infrared signatures

Cockpit: Controls projected on AR and VR displays sensitive to pilot gestures and eye movements



MISSION CAPABILITIES

Defensive aid

Able to track, target and intercept incoming missiles

Flight mode

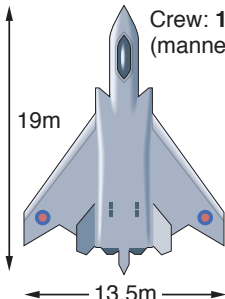
AI and autonomous systems provide for manned or unmanned operation

Integrated sensors

Allow secure exchange of information with other aircraft and drones via combat cloud

Armament: Could carry lasers, hypersonic and swarm weapons as well as guided missiles

Crew: 1 (manned)



Radar: Claimed to be capable of handling 10,000 times more data than existing systems

Specifications (estimated)

Speed	2,500km/h
Operating range	3,200km
Altitude	15,500m
Empty weight	14,500kg
Max. take-off weight	25,000kg