



GLOBAL COMBAT AIR PROGRAMME

Partnering internationally to deliver the future of combat air





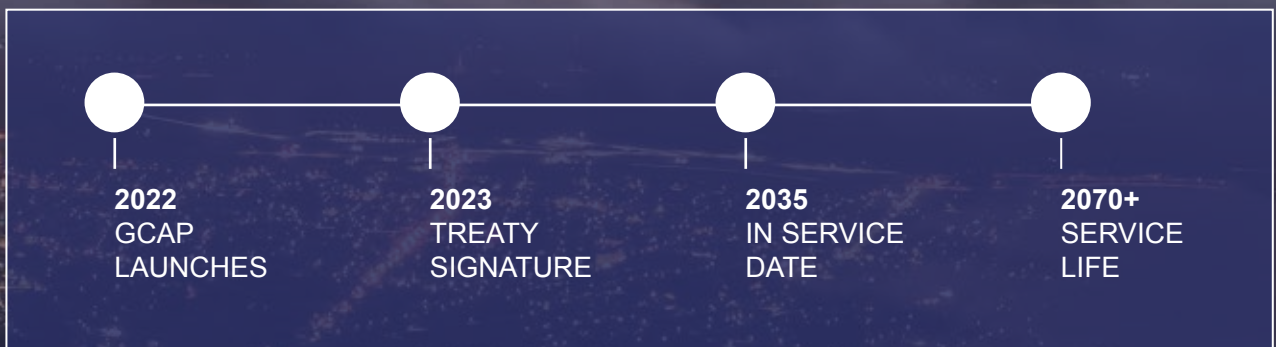
The Global Combat Air Programme (GCAP) is a transformational partnership between the United Kingdom, Italy, and Japan to design, develop and deliver a next generation combat aircraft that will enter service in 2035.



GCAP is a pioneering international defence cooperation that will develop one of the most advanced, interoperable, adaptable, and connected fighter jets in service globally.

Announced in December 2022, this strategically critical partnership has made rapid progress, and in December 2023 Ministers from the UK, Italy and Japan signed an international treaty confirming their shared ambition to establish joint entities that will develop GCAP.

It will foster innovation and technological advancements, and bring significant economic, technological, skills, employment and industrial benefits to all three nations.



The programme firmly positions the UK, Italy, and Japan as pioneers in the design, development and production of next generation combat air capability, and will see our collective technical and industrial expertise playing a central role in delivering the future of combat air.



THE PROGRAMME WILL DELIVER



Strategic and military objectives

GCAP is an important programme for the future of stability in the Euro Atlantic, Indo-Pacific, and wider global security. It will enhance military, security and defence cooperation, supporting national sovereignty and freedom of action, for generations to come.



Economic and industrial benefits

The programme is designed to boost the world-leading industrial capabilities in all three nations; generating intellectual property, creating highly skilled jobs and stimulating economic growth.



Partnership and collaboration

GCAP brings together the technological and industrial expertise of the three partner nations; leveraging the strengths of each country to produce a highly capable next generation fighter jet to secure control of the air.

The collaboration will result in the sharing of expertise, advanced design, development and manufacturing techniques, and ground-breaking technologies. The UK, Italy and Japan are open to working with other nations through this programme, while supporting the objectives of the core partners and delivering a successful programme.



Next-generation technology

The programme will drive the creation of novel technologies; including advanced stealth capabilities, artificial intelligence, machine learning, and integrated systems operating as part of a system of systems to include multi-domain platforms.



INDUSTRIAL PARTNERS

BAE Systems (UK), Leonardo (Italy), and Mitsubishi Heavy Industries (Japan) are successfully collaborating under an exciting new partnership as the industrial leaders on the Global Combat Air Programme, with a shared ambition for a joint industrial arrangement that will sit at the heart of the successful delivery of the future programme.

Rolls-Royce (UK), IHI (Japan), and Avio Aero (Italy) are working together to design and develop the power and propulsion systems for the next generation performance and power generation, including working jointly on an engine demonstrator.

Leonardo (Italy and UK), Mitsubishi Electric (Japan), and ELT Group (Italy) are developing a fully integrated sensing and non-kinetic effects capability and integrated communications. This will provide a comprehensive situational awareness picture, maximising survivability.

Our partners are working with the programme's industrial leaders to ensure seamless integration of capabilities and optimisation of sovereign weapons effectiveness.



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