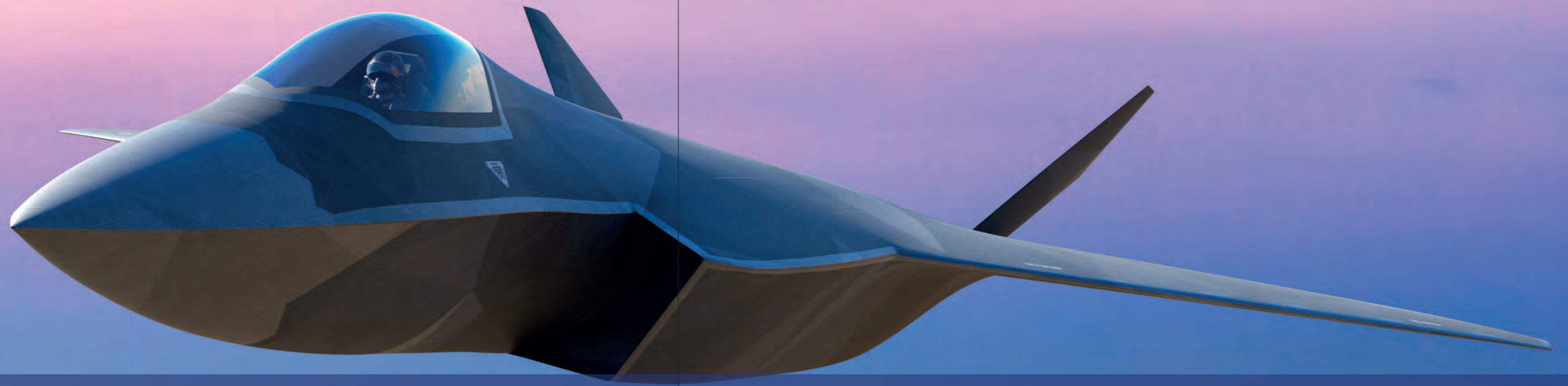




# GLOBAL COMBAT AIR PROGRAMME

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.**

This strategically critical partnership brings together the three nations and their respective industries to collaborate on shared military and industrial ambitions to deliver one of the most advanced, interoperable, adaptable, and connected fighter jets in service globally.

GCAP has made rapid progress since being announced in December 2022, and in 2024, the programme partners unveiled a new concept model of their next generation combat aircraft illustrating the evolution of the aircraft design in its concepting phase.

This partnership will foster innovation and technological advancements across all three nations, promoting significant economic growth, strengthening their industrial base, and enhancing security in both Europe and the Indo-Pacific.



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

Headquartered in the UK with operations and joint teams working in each of the partner nations, this programme is designed to boost the world-leading industrial capabilities in all three partner nations by 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

In December 2024, **BAE Systems (UK)**, **Leonardo (Italy)**, and **Japan Aircraft Industrial Enhancement Co Ltd (JAIEC)**, reached an agreement to form a joint venture for the Global Combat Air Programme (GCAP), subject to regulatory approvals.

The formation of a new industrial joint venture will underpin the success of this multi-decade programme to deliver a next-generation combat aircraft designed for the 21st-century digital battlespace; with advanced air combat capabilities and state-of-the-art integrated sensing to defend against 2035+ threat landscape.

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

Leonardo (Italy and UK), Mitsubishi Electric Corporation (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.



# CONNECT WITH US

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LEONARDO

Avio Aero

ELT GROUP



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MITSUBISHI ELECTRIC

IHI



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