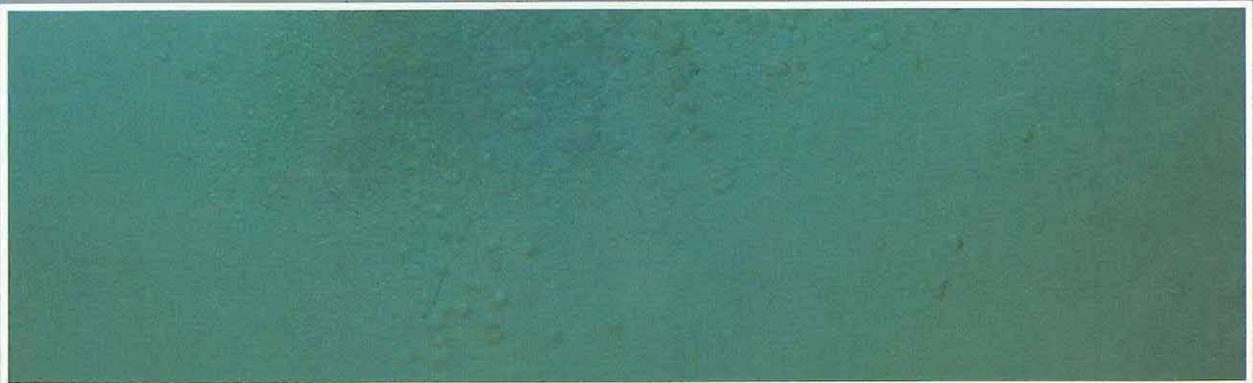
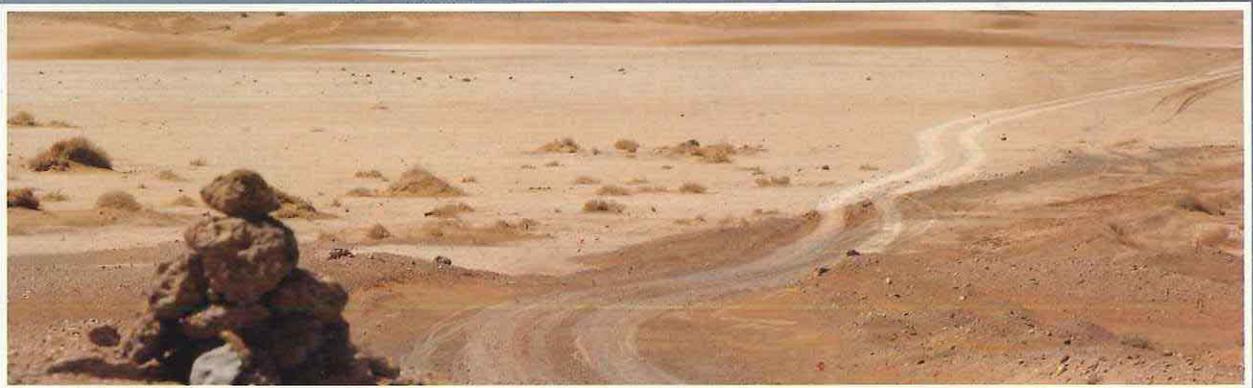


Who said  
“the sky’s the limit”?



# world wide excellence

In over 70 countries, in the air, on land, on water and underwater, our equipment operates at the forefront of technology.

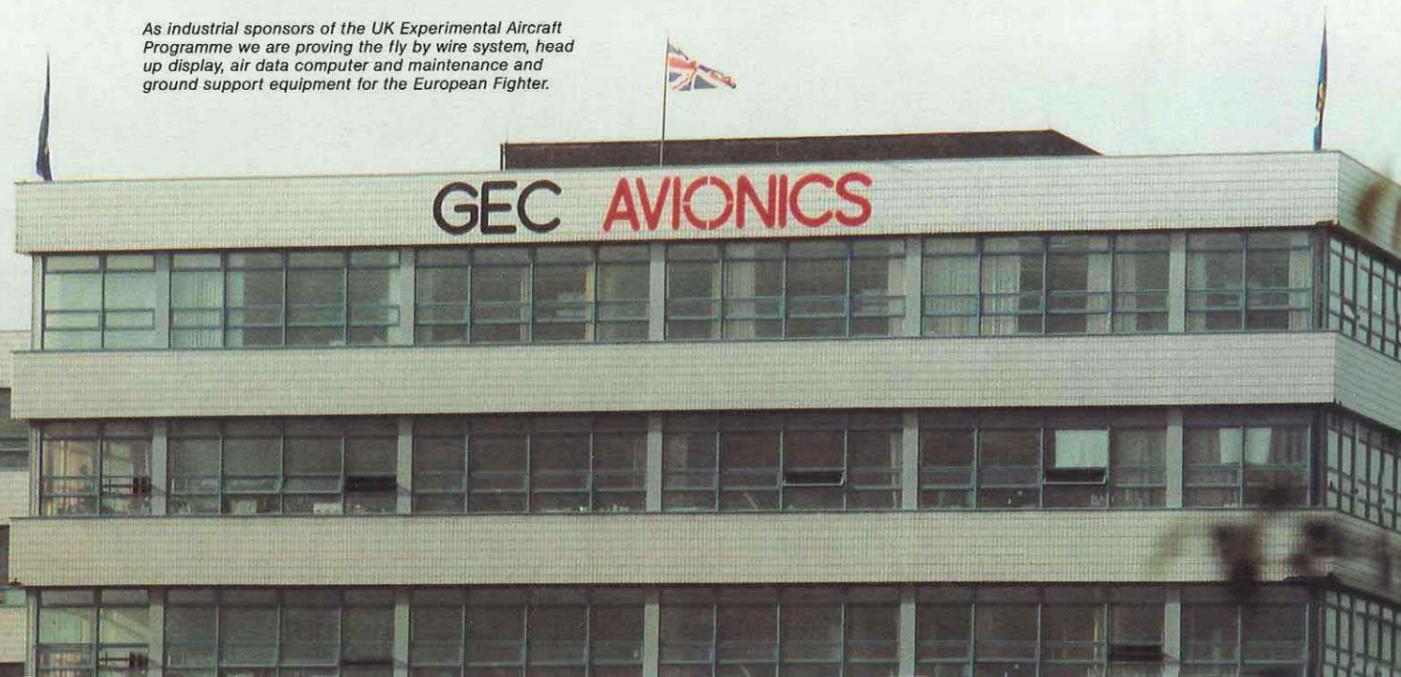
We have a product range which includes systems for land vehicles, ships, submarines and subsea energy production as well as civil and military aviation worldwide.

GEC Avionics' success in export and in technological achievement has been recognised by 13 Queen's Awards to Industry.

GEC Avionics is one of the GEC-Marconi group of companies.



As industrial sponsors of the UK Experimental Aircraft Programme we are proving the fly by wire system, head up display, air data computer and maintenance and ground support equipment for the European Fighter.



GEC Avionics head up displays equip all General Dynamics F-16 aircraft (photo copyright Major Chuck Killberg, USAF).



We are prime contractors for the British Army Phoenix Battlefield Surveillance System (photo courtesy RAE Larkhill).



We are responsible with SFENA for the advanced automatic flight control and blind landing system for Concorde.

## Our range of activities include:-

### AIRBORNE DISPLAYS

World leaders in head up display production, including Queen's Award winning dual mode and holographic HUDs.

### AIR DATA SYSTEMS

Standard Central Air Data Computers for 37 types of USN/USAF aircraft. Orders now exceed 4000 units and production 120 per month.

### AUTOMATIC TEST EQUIPMENT

Major users and producers for home and overseas customers.

### COMBAT AIRCRAFT CONTROLS

Pioneers of 'fly by wire' we are Europe's most experienced company in controlling high performance aircraft.

### FLIGHT CONTROLS

Our expertise lies in primary and secondary automatic flight controls spanning airship fly-by-light systems through unmanned aircraft to airliners such as the Airbus.

### LASER SYSTEMS

Gas lasers and rangefinders.

### MARITIME AIRCRAFT SYSTEMS

ASW mission avionic systems for Maritime Patrol Aircraft and ASW helicopters. At the heart of these systems are the highly successful AQS-900 series acoustic processors and ASN-902 tactical processors.

### MICRO SYSTEMS

A hybrid manufacturing facility for all types of microcircuitry, both prototype and production.

### MOBILE RADARS

Man portable radars and advanced perimeter protection equipment.

### NAVIGATION AND GUIDANCE SYSTEMS

Inertial navigation and tactical guidance systems for land, sea and air applications using conventional, subminiature, laser and high 'g' solid state technologies. Terrain referenced covert navigation systems and digital maps.

### OFFSHORE

Seabed mounted wellhead control and platform instrumentation systems. Remotely operated vehicles for inspection and mine countermeasures.

### POWER CONVERSION

Units for aviation.

### POWERPLANT SYSTEMS

Electronic controls and automatic test equipment for gas turbine engines.

### RECORDING SYSTEMS

Currently supplied for aircraft, missiles and the gas industry.

### SONAR SYSTEMS

For ships and submarines. Sonar stimulators for equipment test and operator training. Also post mission replay and analysis equipment.

### THROUGH LIFE SUPPORT

Total logistic support, plus comprehensive operator and maintenance training and support.



Night vision goggles such as export-winning 'Cats Eyes' help pilots to see in the dark.



One of the Queen's Awards winning AQS-900 series of acoustic systems, processes and displays both sonobuoy and dipping sonar data.



Our ORION ATE helps us to achieve record production of air data computers ...



... which re-equip thousands of US Air Force and Navy aircraft, from the A-4 to the giant Galaxy.



We supply a range of equipment for the Tornado including flight controls, stores management systems and head down displays.



The GEC Avionics Land Navigation System is designed for the full range of military vehicles.



Automated powerplant test system, bought by four air forces, to save fuel and manpower and prolong engine life.



RAF Harrier GR.5, the latest version of this aircraft will be equipped with GEC Avionics' Digital Colour Map Unit (DCMU).



Civil security systems include AIDA 2000 and SMS 2000 (illustrated)



Sonar Systems for submarines and warships.



*Head office, Airport Works, Rochester.*



*GEC Avionics Inc is an associated company based in Atlanta, Ga, USA.*



*GEC Avionics premises at Nailsea near Bristol.*

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# **GEC AVIONICS**

**Serving the world with technology**

