AIRCRAFT
BRITAIN'S
INDUSTRY 1967

Advanced project studies and systems management in defence and industry.

Alignment control for C-5A.

Autopilots and automatic landing systems for Concorde, VC10, BAC One-Eleven; undercarriage Buccaneer, Phantom, jindivik, Hunter Mk 12; energy management analogue combat aircraft, helicopters and drones, including Harrier, Lightning, for Harrier, Sea Dart, Martel and others.

Contract maintenance and repair, and engineer training for Elliott and Aviation Service & Repair Division:

World-wide after-sales support, prototype accident recorder.

HS.80I Nimrod tactical system:

SPACE & ADVANCED SYSTEMS

Coventry:

Design, development, production and product support for precision-engineered aircraft components; comprehensive tyre, wheel and brake test and research. Products: tyres, wheels, brakes; air conditioning systems for brakes; brake control systems; anti-skid systems; pneumatic, electro-pneumatic and hydraulic operating equipments; pilots' control handles; selector valves; windshield wiper systems; engine controls; electrical de-icing and heating systems; flexible pipes; guided missile components; nuclear engineering; runway overrun gear; and STOW (under licence from National Water Lift Co, USA) integral weight and balance system for aircraft.

ELLIOTT FLIGHT AUTOMATION LTD

AIRBORNE COMPUTING DIVISION:

HS.80I Nimrod tactical system; application of computing in inertial navigation, flight control and flight management.

AIRBORNE DISPLAYS DIVISION:

Head-up and head-down displays, including ILAS, Viggen, Buccaneer, Belfast; trials installations in DC-9, Comet and Sea Vixen.

AIRCRAFT ENGINE INSTRUMENTS DIVISION:

Flowmeters, fuel contents gauging and engine instruments in most current British aircraft; new applications include Concorde, Phantom, Harrier, Boeing 747.

AUTOMATIC TEST EQUIPMENT DIVISION:

Computer-controlled automatic test installations, including those for HS.80I and F-111K; Concorde prototype accident recorder.

AVIATION SERVICE & REPAIR DIVISION:

World-wide after-sales support, contract maintenance and repair, and engineer training for Elliott and other equipment.

FLIGHT INSTRUMENTS DIVISION:

Air Data computers and flight instruments in HS.80I, Jaguar, C-5A, CF-5, Concorde and others.

GYRO DIVISION:

Quality production of sub-miniature precision gyro for Harrier, Sea Dart, Matal and others.

INERTIAL NAVIGATION DIVISION:

Digital inertial navigation equipment for combat and civil aircraft.

MILITARY AIRCRAFT CONTROLS DIVISION:

Autostabilisers and autopilots for combat aircrafts, helicopters and drones, including Harrier, Lightning, Buccaneer, Phantom, jindivik, Hunter Mk 12; energy management analogue computer for C-5A.

TRANSPORT AIRCRAFT CONTROLS DIVISION:

Autopilots and automatic landing systems for Concorde, VC10, BAC One-Eleven; undercarriage alignment control for C-5A.

ELLIOTT AUTOMATION SPACE & ADVANCED MILITARY SYSTEMS LTD

35-41 Park Street, Camberley, Surrey.

Advanced project studies and systems management in defence and industry.

ELLIOTT SPACE & WEAPON AUTOMATION LTD

Chobham Road, Frimley, Camberley, Surrey.

Airspace Control Division: Computer controlled defence and ATC systems, including Firebrigade and Nomad; digital radar simulators, including Euclid and Simulseter M1; aircraft identification radar (SAR/SAF) including systems for Eurocontrol, RAF, NATO, and others.

FUZE DIVISION:

Design and development of fusing systems for weapons; RF hazard attenuators.

MAGNETIC TAPE SYSTEMS DIVISION:

Recording, playback and networking systems for aviation and other fields, airborne and ground-based.

MILITARY DATA PRESENTATION DIVISION:

Electronic data displays and associated systems for civil and military applications, including HS.80I and Nomad.

MILITARY DATA SYSTEMS DIVISION:

Design and production of military computer, radar, fire control and meteorological systems, such as British Army field artillery computing equipment (PACE).

MOBILE COMPUTING DIVISION:

Development and production of digital computers and associated peripheral equipment.

NAVAL WEAPONS DIVISION:

Military/Naval devices in guidance, radar, display control, weapon direction, computing, hydrographic and navigation fields, including Hydroplot.

SPACE & GUIDED WEAPONS DIVISION:

Satellite and sounding rocket systems, including digital inertial guidance for EELD Europe vehicle, sun, moon, and star-pointing attitude controls for Skylark, proper attitude control for satellites, experiments for ESRO TD-2, GOSAM, and Nimbus D, and lead-lubricated long-life ball bearings for space.

SPACE & WEAPONS RESEARCH LABORATORY:

Advanced research in space equipment and systems, including lasers and scientific payload; advanced environmental testing.

TRAINER & SIMULATOR DIVISION:

Simulators using general-purpose digital computers for nuclear submarine control room, naval tactics training, HS.80I maritime crew trainer, F-111K simulator and others.

ELLIOTT AUTOMATION RADAR SYSTEMS LTD

Elstree Way, Borehamwood, Herts.

Airborne Radar Division: Design, development and manufacture of airborne radar systems, including Visor terrain warning radar for airliners.

COMMUNICATIONS DIVISION:

Design, development and manufacture of radio, data transmission and telemetry equipment, including aircraft audio systems, cabin address equipment, airborne rescue beacons and mobile VHF and UHF radio.

ELLIOTT ELECTRONIC TUBES LTD:

Neutron, X-ray and microwave tubes, instruments and equipment, radiation detectors, gas lasers and cryogenic equipment, including all-ceramic cathode-ray tubes for head-up displays.

MOBILE RADAR DIVISION:

Mobile portable and portable radar and allied systems, including Fabius seismic intruder alarm and battlefield surveillance radar.

RADAR RESEARCH LABORATORY:

System feasibility and design studies, and basic techniques and component investigations, both for Elliott-Automation and for external organisations and Government departments.

RADAR SERVICE & REPAIR DIVISION:

After-sales support of radar and communications equipment.

ELLIOTT-AUTOMATION LTD

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Total group UK employment 22,000