FLIGHT International, 25 April 1974

1974 HANNOVE R GUIDE

Mitsubishi Aircraft International CH-1204 Geneva (Outside, C 63/66, Si The wholly-owned US subsidiary of Mitsu-bishi Heavy Industries exhibits, with in-flight demonstrations, both the 7/9-seat MU-2K and stretched 8,< 11-seat MU-2J twin-turboprop (Garrett AiKesearch TPE331-0-251M) business aircraft.

Pilatus Flugzeugwerke AG Porter Inter-national CH-6'370 Stan.v See Poligrat, Germany.

KCA Aviation Equipment Department Cll-1215 Geneva 15 See RCA, USA.

Wild Heerbrugg AG CH-943S Heerbrugg Optical and electro-optical measuring equipment and instruments.

The Society of British Aerospace Com-panies Ltd ISBACI London SIVIY 6RD (UK, A 901) Occupying more than 2,000m^ of three bays in Hall A, the SBAC-sponsored British joint area once again presents the largest visiting national exhibition at Hannover. Nearly forty British companies have stands in the pavilion area, as well as the Defence Sales Department of the Ministry of Defence and the Departments of Trade and Industry. British Government repre-sentatives will also be available in the information centre, manned by SBAC staff, and the usual facilities for meet-ings and hospitality are provided within the area. Further British exhibits are displayed on manufacturers' individual stands, by German agents and in the outside exhibition. Aircraft on view in-clude the Britten-Norman Islander, HS. 125-liOO and Scottish Aviation Bulldog and Jetstream.

British Government London, Central Office of Information; Ministry of Defence; Department of the Environ-ment; Department of Industry; Depart-ment of Trade (UK, A 900/1100) The Defence Sales Organisation of the Ministry of Defence is participating in the British joint venture, with a discus-sion lounge (A 900) manned by market-ing stall. A graphic display illustrates the Government's contribution to export sales of British military aircraft and equipment. The important part taken in Britain's aerospace effort by the other three Departments, whose re-sponsibilities have recently been re-allocated, is demonstrated on the other stand (A 1100). The Department of In-dustry sponsors the industry itself, its international collaboration effort and its commercial exports; industrial research and development; and the space pro-gramme. Civil aviation, including inter-national representation, the CAA. British Airways, the British Airports Authority, and accident investigation, are sponsored by the Department ot Trade. The Department of the Environ-ment is responsible lor airport plan-ning, as well as for transport as a whole. The Col Exhibitions Division is principal contributor to design and construction of the British joint ven-ture pavilion.

Airscrew Howden Ltd WeybrieUje Kit5 2ftY (UK, A 1101) Axial, centrifugal and mixc.d-llow fans—with electric: motor.

quill shaft or belt drive—represent Air-screw's wide range of air circulation, cooling and ventilation fans for air-frames, powerplants, landing gears and avionics. The company also produces fans for hovercraft and missile applica-tions. Special ventilating gear includes a portable cooling unit for air-ventilated aircrew Suits.

Beaufort (Air-Sea) Equipment Ltd Birkenhead L41 1HQ Inflatable survival equipment, portable shelters and boats, aircrew protective clothing; rubber, coated fabric and moulded plastic pro-ducts. See Ballonfabrik, Germany.

Birmetals Ltd Birmingham B52 3BX (UK, A 607) Wrought light-allo\ pro-ducts; plate, sheet, strip, extruded sec-tions, rods, bars, tubes and wire in aluminium and magnesium alloys; Birmabright range of materials; very close-tolerance aluminium alloy sheet. This company is the largest European supplier of wrought magnesium-alloy products.

British Aircraft Corporation Ltd London SM'IY 5HR (UK, A 1005/6, Outside, Ch A 11/12) The Commercial Aircraft, Mili-tary Aircraft and Guided Weapons Divi-sions of BAG feature their separate ven-tures as well as those undertaken in collaboration with companies abroad. Commercial displays show Concorde (with Aerospatiale) and a hush-kit (de-veloped with Rolls-Royce (1971) and planned for service in late 19731, freighter conversion, anti-gravel protec-tive kit and Cat 2 autoland are among One-Eleven exhibits. The Panavia MBCA i with MBB and Aeritalia), Jaguar (with Dassault-Breguet) and Strikemaster are represented in the Military Aircraft exhibits. The widely varied ventures of the Guided Weapons Division are demon-strated by tactical weapons systems: Rapier ultra-low-level SAM with Blind-lire radar, trackers; Striker-mounted long-range anti-tank Swingtire, with infantry Beeswin g and Helicopter flawkswing; shiphorne short-range AA and anti-missile Seavvoll • GWS-25; and the long-range frigate self-defence, heli-copter-launched anti-ship Sea Skua. Collaborative space programmes with Europe and the USA: major sub-systems for Hughes Aircraft Intelsat 1VA and American Telephone & Telegraph domes-tic ATT Comsat communications satel-lites; ESA Star consortium prime con-tractor for Geos: sub-systems for MBB Cesar consortium COS-B; and Earth re-sources survey Skylark rockets, with mobility enhanced by new MAN trans-portable launcher. A recovered Skylark DFVLR Max Planck Institut payload is shown with Dornier parachute system. The Division's high-performance gyros, precision reinforced plastics (including MBCA radome and automatic test systems are also on display, as well as examples of flush-fitting notch aerial systems for aircraft: and satellites.

British Airways London (UK, A 902) British Airways stall are available with details of Divisional routes and time-tables.

British Insulated Callender's Cables Ltd London WCHi 3QS (Fair, Hall 11 384-7) The Mineral Insulated Cables Division and Pvrotenax Ltd, a B1CC Group com-pany, are together exhibiting a range of Ml cable products, including aircraft wiring, thermocouple cables lor gas-turbine engines and heating tables for

525

road and ramp beating, vessel and floor heating. Cables are produced in a wide range of resistance values and with copper, eupro-nickcl or stainless steel sheaths.

Britten-Norman (Bembridge) Ltd Bern-bridge Airport (SI On display will be an example of the Islander:'Defender family of light transports. Including the Trislancler, sales have reached 520 to 77 countries with the recent order for

eight multi-role Defenders from the1
Sultan of Oman's Air Force.

Burndept Electronics (ER) Ltd Eiilh Survival radio; portable and mobile radio telephones. See Autoflug, Ger-many.

Cannon & Stokes Ltd Leicester LRU IBS I UK. A 1004) See Hepworth & Grandage.

Chelton (Electrostatics) Ltd Mar low (UK, A 606) The range of antennae and static dischargers on display includes items for Jaguar, MBCA and Phantom, as well as the latest carbon-tip static dischargers designed for commercial aircraft. Of particular1

interest is a new
range of products for- general aviation— mini-antennae; QB6 and QB7, portable self-contained VSWR test sets using rechargeable NiCd batteries; and a homing adaptor for use with existing VHF or UHF transceivers. Accessories are available to adapt the homing an-tennae for-

communications purposes.
Details are provided of the company's advisory services on antennae and static discharger installations.

Courtaulds Ltd, Carbon Fibres Unit Coventry CV6 5AF, (UK, A 605) Use of Grahl reinforcement in the main rotor blades of Aerospatiale's SA.3G0 helicop-ter is specially featured in Courtaulds7 display of high-modulus carbon fibres. The SA.341 Gazelle also has Gralil-rein-foreed rotor' blades. Both assemblies are constructed from combinations of glass-and carbon-fibre reinforced plastics, in differing applications. Other- exhibits demonstrate new manufacturing tech-niques, with improved filament quality, introduced to meet expanding demand for Grafil products. On-line prepreg tape and pultruded composite profiles are exhibited alongside the latest continuous fibres and advanced composites from European aerospace companies. 'Spin-oil' to other industries is demonstrated by examples of new carbon-fibre com-posites developed for general engineer-ing, textile machinery and sports goods.

A BAC engineer fitting the film magazine to one of five Hasselblad cameras in on Earth Resources Skylark rocket preparatory to launch from the Swedish Space Corporation's range near Kiruna