

INDUSTRY International

Products

Company News

Great Britain

US orders for STEVI Sperry Turbine Engine Vibration Indicators (STEVI) have been bought by Mohawk and the Hawaiian airline Aloha for service in their BAC One-Eleven fleets. STEVI, comprising engine-mounted pick-offs and a lightweight cockpit indicator, gives pilots early warning of potential engine malfunction by continuously monitoring engine vibration levels. The equipment is standard for the Rolls-Royce Spey in the Trident 1E and will be fitted to the Franco-German Transall and the Fokker F28.

German Contract for Redifon On December 2 a contract worth DM1,500,000 (£134,137) was signed between Redifon Ltd and the West German Interior Ministry for GR345 HF SSB Manpack transceivers for use by the Federal German frontier force. The advanced design of the GR345 makes it suitable also for vehicle and ground-to-air roles. It is transistorised and has 9,999 channels.

Loftline Table for SNECMA A large Loftline vacuum printing table for reproducing engineering drawings direct on metal sheets has been made at the St Albans factory of Lee-Smith Photo-mechanics Ltd to the specific requirements of SNECMA. The table can accommodate workpieces up to 8ft wide by 16ft long, and has an adjustable travelling lighthouse to enable plates of widely varying thickness to be used.

Ultrasonic Brazed Joint Tests The Concorde's hydraulic system piping will be tested by a new ultrasonic method developed by the Ultrasonoscope Co, Sudbourne Rd, London SW2. Brazed joints can be tested *in situ* without halting work on the aircraft.

Automated Teaching Tutor Age, a quarterly journal published by US Industries Inc, covers the development of automated teaching and its application to both schools and industry. Anyone involved in industrial training can obtain copies from USI Inc, Grosvenor House, 125 High St, Croydon, Surrey.

Heathrow Hydrant Refuelling? The MoA has commissioned Oil Products Development and Services Ltd (29 Baker Street, London W1) to carry out a survey of the need for hydrant refuelling of aircraft at London Heathrow Airport and to report upon its feasibility.

ESRO Contract for Pye-Ling Vibration equipment worth £20,000 is to be supplied to the European Space Research Organisation's European Space Technology Centre at Noordwijk in Holland. Three systems, including power amplifiers, control and monitoring facilities, will provide thrust levels of 4,000lb, 8,000lb and 15,000lb.

Cossor Appointment The Cossor Communications Co Ltd has a new technical manager, Mr J. Warden. He has held appointments in various parts of the communications industry, including Elliott, Marconi and Plessey.

Mr B. Lockwood-Goose has been appointed product support manager for the Dunlop Aviation Division, Coventry, with responsibility for all service and spares support for a wide range of aviation equipment.

Crewe to Zambia Well-known as a Rolls-Royce Continental engine servicing specialist, Mr G. R. (Bob) Hampshire is leaving the Crewe works at the end of this year to become Chief Technical Officer, Department of Civil Aviation, Zambia.

IN BRIEF

ILS equipment manufactured at Standard Telephones and Cables' New Southgate, London, factory will be installed at the Louis Botha Airport, Durban, under a South African Government contract.

An export order for a complete hydraulic vibration test system has been awarded to **Fairey Surveys Ltd**, Maidenhead, Berks, by Contraves AG of Zurich, who make electronic computers and weapon systems.

Redifon-Astradata Ltd, which makes analogue computers and hybrid com-

puter systems, has begun operations at its new plant at Brookside Ave, Rustington (near Littlehampton), Sussex.

Mr D. M. E. Rawling, BSc, has been appointed product planning engineer of **Hymatic Engineering Co Ltd**.

Collins Radio International CA has appointed **Schreiner & Co. NV**, Prinsessegeracht 19, The Hague, as official sales representatives for Collins in Holland.

Honeywell Controls Ltd have appointed Mr John L. Lunn director of the Micro Switch and Meter Division.

USA

Lycoming Gas Turbine Contract The Avco Corporation's Lycoming Division has been awarded a contract valued at \$11,962,122 (£4½ million) for the additional production of T53 gas turbines for the US Army's Bell UH-1 helicopters, which are being used extensively in Vietnam.

Flexible Coupling Theta Instrument Corp, of Saddle Brook, NJ, has produced a flexible coupling for synchros, encoders and potentiometers. Its features include precise angular transmission, adding no more than 40sec of arc to a typical commercial synchro.

Re-charging Solar Cells The Westinghouse Electric International Co is experimenting with Fresnel lenses to produce a system to re-charge solar cells used in satellites and space probes. The cells, vital to the useful life of a space vehicle, deteriorate within months; but Westinghouse has found that by "baking" them for a few minutes at 850°F they can be restored to near-original performance. This heating process, achieved by sunlight and Fresnel lenses, can be repeated many times.

An initial order for nine HS-45 "Jetway" air-conditioning units has been placed with C. G. Hokanson Co Inc (2140 Pontius Ave, Los Angeles, Calif.) by National Airlines. As seen below, this type of unit is designed to fit under passenger loading piers. It has two independent refrigeration systems, each rated at 27½ tons capacity at 120°F condensing temperature and 40°F suction temperature. In the picture it is seen cooling a DC-8 through a 40ft duct

