

Triple-jet Exchange Two BEA Trident pilots, Captains E. Poole and W. Atkins, have been in the USA exchanging notes with TWA and United on the operation of Boeing 727s and Tridents.

Friendships for Garuda? Fokker are negotiating with Garuda Indonesian Airways the sale of an unspecified number of Friendships.

Lockheed SST Cost Mr Thomas McFadden, TWA's v.p., marketing, says that Lockheed are quoting a tentative price for their supersonic transport of up to \$33m (about £12m) each, twice the FAA's first estimate.

More Russian Aircraft for LOT? Delivery of a fourth Il-18 to the Polish airline LOT is expected to take place soon, and according to reports from Warsaw the airline is planning also to buy Tu-124s and Tu-134s.

Boeing 727's First Scheduled Services For the record the first scheduled passenger service by the Boeing 727 was made by Eastern Airlines on February 1 with a flight from Miami to Philadelphia via Washington.

S-61s for NYA New York Airways announce the purchase of three Sikorsky S-61N from United Aircraft Corporation, for use under an operating agreement with the manufacturer on sight-seeing services during the New York World Fair which opens on April 22.

Lydd Extension Following the award of deep penetration car ferry licences from Lydd (Ferryfield) Airport, British United Air Ferries are extending the present 4,050ft runway to 5,000ft to make it suitable for Carvairs. The work started recently and is due to be finished by the end of March.

East Africa Bans South Africa The four territories of East Africa, Kenya, Tanganika, Uganda and Zanzibar, have now formally withdrawn the "first freedom" rights of South African Airlines, i.e., SAA, and Trek, to overfly their territories. The situation hitherto has been that South African airlines have not been allowed to land in these countries.

Leeds-Bradford Airport Development In just over three years the number of passengers using Leeds-Bradford Airport annually has risen from about 45,000 to over 155,000 last year. More than 60 per cent of the passengers were on BKS services—54,000 of them on the London route. Mr G. P. Seller, the airport commandant, expects 200,000 passengers will transit in 1964.

Heathrow's Number Four Terminal for short-haul services only is due to be started in October and be completed by December 1966. The new building is to be situated on a site in the central area at present used as a car park. BEA, who will be the building's main tenant, has been in close contact with the architect, Mr Frederick Gibberd who designed the long-haul number three building.

US Safety The Civil Aeronautics Board has reported a continued improvement in the safety record of scheduled passenger services by US carriers. For the twelfth consecutive year, in 1963 the fatality rate per 100m passenger-miles was less than one. In 1963 the number of passengers carried rose 8m to 70m, and the provisional CAB passenger fatality rate fell to 0.23 compared with 0.26 in 1962. For the second successive year there were no fatalities on US supplemental carrier's services.

El Al Keeps Its Group Rate According to *Interavia Air Letter*, El Al's vice-president, Mordechai Ben-Ari, has said that his airline will continue to offer its \$535 group fare between New York and Tel Aviv (with a European stop-over privilege) so long as the present open rate situation exists on the North Atlantic. In the ten months since El Al began offering the fare, 18,000 passengers, or 53 per cent of the airline's total traffic, have taken advantage of the offer.

S-61N for Ansett The chairman of Ansett has stated that Ansett-ANA have bought a twin-engined Sikorsky S-61N helicopter for use on its Great Barrier Reef service next June. The aircraft costs £400,000, and carries 27 passengers and will be used to ferry tourists between the mainland and Hayman Island. The flight from Proserpine to the Island will take 20min, instead of the present 2½hr by road and sea.

Claims on Flying Tiger Ten actions seeking damages amounting to \$5m (£1.785m) were recently heard in a US District Court against Flying Tiger, owners of a Super Constellation that disappeared with 107 people aboard between Guam and the Philippines on March 16, 1962. The actions, brought by relatives of the victims, allege negligence on the part of Flying Tiger. The Constellation was on charter to the US Military Air Transport Service.

The JAL DC-8 Incident More information is now available on the incident, already reported, involving a Japan Air Lines DC-8 on a recent training flight. Near Okinawa hydraulic failure of the rudder booster was being simulated when speed fell to 120kt. The pilot apparently put the nose down and applied power to engines 1 and 2, which were idling, but failed to re-trim the rudder. The aircraft entered a right-hand spin at 12,500ft, made four or five revolutions and was recovered at 7,500ft. Both outboard engines were torn off.

International Register The 1964 edition of the *International Aircraft Register* contains details of many more aircraft than the previous editions. The Air Registration Board has included for the first time the registers of the overseas countries in which it is responsible for airworthiness supervision. The Bureau Veritas has similarly added several extra registers and those of Eire, Switzerland and Lebanon are now also included. Altogether nearly 50 aircraft registers are contained in this one volume, which is produced by the joint co-operation of ARB, the Bureau Veritas and the Registro Aeronautico Italiano. Particulars may be obtained from Air Registration Board, Technical Publications Department, Greville House, 37 Gratton Road, Cheltenham, Glos.

One of Panair do Brasil's nine 56-seat Lockheed Constellations at Brasilia, ready for the frequent shuttle service to Rio de Janeiro. In the background is a DC-3 of VASP, who are reported to be dispensing with two Caravelles and replacing them with Convair 990As

