

HERE AND THERE

Flight-refuelling for B.S.A.A.

A. V. ROE, LTD., are at present fitting flight-refuelling equipment to a B.S.A.A. Tudor. This will enable the aircraft to take on over a thousand gallons of petrol at the rate of about one hundred gallons per minute while flying at nearly 300 m.p.h.

Enemy Intelligence

FROM Germany comes the news through the Quarterly Bulletin of the Electrical Officers' Association (R.A.F.), that when the R.A.F. Technical Branch first moved into a building previously occupied by part of the Focke-Wulf design staff they were surprised to find copies of *Flight* dating from 1913 to early 1945 neatly filed away!

New Vickers Directors

VICKERS - ARMSTRONGS, LTD., announce that Mr. A. E. Marsh-Hunn, commercial manager, and Mr. Joseph Smith, C.B.E., chief designer, both of the Supermarine works, and Mr. George Edwards, M.B.E., chief designer of their Weybridge works, have been appointed special directors of the company.

Avro's Mission to Australia

MR. C. J. WOOD, London manager of A. V. Roe and Co., Ltd., and Mr. D. C. Wood, projects department, left London by air on July 9th on a liaison mission to Australia. They are re-establishing contact with the firm's Australian agent and are obtaining first-hand information on air activity and potential markets there.

Royal Navy At Home

AN opportunity of inspecting some of the Navy's latest aircraft, aboard the aircraft carrier H.M.S. *Implacable*, will be afforded to Plymouth visitors during the August Bank Holiday Naval Days. The fleet will be "at home" to the public from July 31st to August 2nd, both days inclusive, at Portsmouth, Plymouth, Chatham and Sheerness, and until August 1st at Rosyth. At Portsmouth the aircraft carrier H.M.S. *Theseus* will be among the ships on view, and it is hoped that a light fleet aircraft carrier will be added to the list of ships at Rosyth.

1948 Olympics

MR. GEOFFREY DE FREITAS, Under-Secretary of State for Air, opened the Olympic Centre at the R.A.F. Camp at Uxbridge on July 7th. The visiting athletes will live in airmen's barracks which have been redecorated by the airmen themselves specially for the occasion and the guests will share the camp with the R.A.F. for the duration of their stay. On July 29th, when the King will open the Olympic Games at



HIGH DUTY ALLOYS

VERY HIGH DUTY: The Hyduminium die-cast bowl of this Olympic torch carries the symbol of five entwined circles and is inscribed: "Olympia to London, 1948." Naphthalene pellets provide the flame and the complete torch, eighteen inches in length, weighs only 3 lb.

Wembley an English runner will enter the stadium carrying the traditional lighted Olympic Torch. These torches, of which High Duty Alloys have made 1,600 are carried by runners from Olympia, Greece.

K.L.M.'s New Engine Test Shop

THE new engine test shop recently completed at Schiphol airport by K.L.M. was designed by Heenan and Froude, of Worcester, in co-operation with the airline company and the Amsterdam municipal authorities. It contains two large engine tunnels and all the subsidiary plant necessary for the complete ground testing of modern,

high-powered engines, both air- and liquid-cooled, of either British or American manufacture, up to 4,000 h.p. Great care has been taken to reduce noise and vibration to a minimum and engines can be tested at reduced pressure simulating altitude conditions.

Airborne Television Relay

AN "airborne" method of relaying television which will enable viewers to pick up programmes from hundreds of miles away instead of the present 50-mile maximum range, has, it is stated, been perfected by an electric company in Ohio. Using a specially equipped "stratovision" aircraft, a photograph of which was published in *Flight*, July 8th, the company were able to pick up and relay the Republican convention in Philadelphia, 360 miles away. By this method, they claim, coast-to-coast television could be provided much earlier than forecast, and the service could be conveyed to areas that ground systems could not reach.

Radioactive Iodine

THE first radioactive isotope ever to be flown from Baltimore was recently carried from there by B.O.A.C. to Bermuda, where it will be used in experiments involving thyroid gland research. The radioactive material, known as Iodine 131, was sent to Dr. S. A. Mathews, of the Bermuda Biological Station. Radioactive iodine will be tested on parrot fish which are peculiar to Bermuda and are considered to be most responsive to this type of research. The shipment, weighing about 40 lb, was officially listed as one millicurie of radioactive iodine 131. In all, ten millicuries will be flown to the Bermuda Biological Station by B.O.A.C. in consignments of a millicurie each.

American Stall Indicator

THE Safe Flight Instrument Corporation, of New York, has produced a stall indicator in which the warning light and horn operate in the pilot's cockpit at approximately 5 m.p.h. before the stalling point of the aircraft to which the device is fitted. The "detector" is mounted low down on the leading edge of the wing and consists of a small projecting vane which, so long as the air is flowing over it normally, remains in the



TRANSATLANTIC BOUND: A flight of United States Air Force Lockheed F.80 Shooting Stars lined up at Selfridge Field, Michigan, prior to taking off for England. Bad weather caused some delay en route and two of the machines were held up for power plant adjustments. Flying by way of Goose Bay the aircraft completed the 714-mile leg there from Bangor, Maine, in 2 hrs. 8 mins. As reported elsewhere the first transatlantic flight by jet planes was recently made by R.A.F. Vampires from this country.