**ROYAL AIR FORCE INTELLIGENCE**

D. C. Burdeley and C. N. A. B. Murray, to No. 27 Sqn., India, instead of to No. 89 Sqn., previously notified; 23.9.24. J. H. Townsend to Aircraft Depot, India, instead of to No. 27 Sqn., as previously notified; 23.9.24. F. R. Wilson to Barrack Group, as previously notified; 23.9.24. J. F. Young to Central Flying Sch., Upavon; 14.11.24.

**Skin Friction**

The paper on above subject read by Professor Bairstow before the Royal Aeronautical Society on November 7 was of necessity of a somewhat "mathematical" character, and it is not, therefore, proposed to publish the paper in *Flight*.

**Steel versus Lighter Alloys**

At the lecture given by Col. Beliaev before the Institution of Aeronautical Engineers on November 7 the lecturer brought forward several of the latest ideas on the structure of steel. By the lantern slides and their explanation he described in a very simple manner the formation of the grain of steel, and the similarity between this grain and that of timber. He showed how in old times the Eastern armourer, working with a high carbon steel (1.7 per cent.) was able to convert this steel into an elastic and ductile material by taking careful note of the grain formed by the dendritic crystallisation occurring during solidification, and the quality of the products was always judged on this formation. The lecturer pointed out how the same thing was done with regard to crankshafts, illustrating this by a slide of a Vickers crankshaft.

**Portuguese Airman Missing**

At the time of writing it is reported that Senor Sacadura Cabral, the well-known Portuguese aviator, is reported as missing. The Portuguese Air Force, according to the Air Ministry, disappeared when over the English Channel. All efforts to find any trace of him have so far been unsuccessful.