

NEWS ROUNDUP

Rotax at Malton

Rotax Canada Limited is to have a new plant located at Malton Airport, it was recently disclosed in an announcement from Avro Canada. In addition to the products for which Rotax Canada is well known in the aviation industry, the company also looks after the interests of Joseph Lucas (Gas Turbine Equipment) Limited. Rotax Canada is a major sub-contractor to Avro Canada for both Rotax and Joseph Lucas products.

Canadian Steel Improvements Limited, which in last month's issue of *AIRCRAFT* was reported to be planning to establish a plant near Avro Canada's factory at Malton, actually will be setting up facilities near Long

ada. A glance at the outline of the program below will emphasize that Canada has never before been host to so many prominent aviation figures at one time.

The aviation division will start its program with a visit to Avro Canada at Malton on the afternoon of June 12. The bulk of the program is as follows:

Aviation Division—June 13

Session I: Chairman, I. M. Hamer, Dowty Equipment; vice-chairman, R. E. Small, General Electric. The general theme of the discussions of this division will be high speed transport aircraft for passenger and cargo service.

Three papers will be given at this session, which will start at 9.30 a.m.: "Turbojet Aircraft, with Special Refer-

CPA, Vancouver, B.C.; "The Flying Boat, with Special Reference to the Princess," by Henry Knowler, chief designer for Saunders-Roe Limited, Isle of Wight, England.

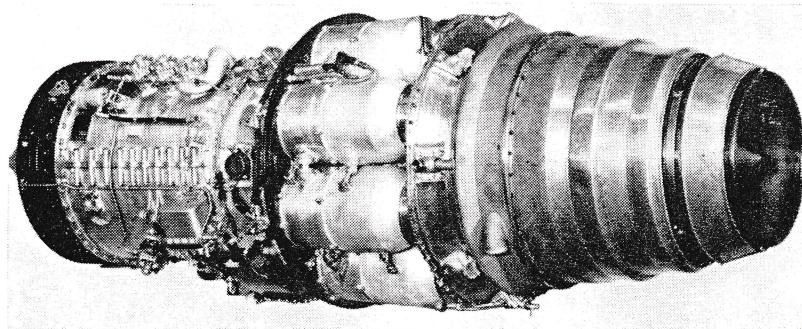
Gas Turbine Division—June 14

Session I: Chairman, D. G. Shepherd, Cornell University.

Two papers will be given at this session, which will start at 9.30 a.m.: "The Avro Orenda Jet Propulsion Engine," by P. B. Dilworth, chief engineer (gas turbines) for Avro Canada, Malton, Ontario; "A Coal Burning Gas Turbine," by D. L. Mordell, associate professor of mechanical engineering and director of the Gas Dynamics Laboratory, McGill University, Montreal, P.Q.

Session II: Chairman, D. W. Knowles of Avro Canada.

Three papers will be read at this session, with the first starting at 2.30 p.m.: "High Speed Cascade Testing Techniques," by F. H. Keast, chief aerodynamicist for Avro Canada, Malton, Ontario; "A Theoretical and Experimental Study of the Vibration of Non-uniform Cantilevers," by H. P. Koehler and G. E. Anderson, development engineer and chief metallurgist respectively for Avro Canada; "The Metallurgical Requirements of Gas Turbine Alloys," by H. V. Kinsey, metallurgical engineer, Physical Metallurgy Laboratory, Department of Mines and Technical Surveys, Ottawa.



PRODUCTION MODEL: First released picture of the Rolls-Royce Avon R.A.3 is shown above. The engine (Mk. 1) is the first of the Avon series to go into quantity production. This is the model which was fitted to the trans-Atlantic Canberra.

Branch, Ontario, about ten road miles from Malton. Canadian Steel Improvements specializes in making gas turbine blades.

IAS / ASME Meet

The semi-annual meeting of the aviation and gas turbine divisions of the American Society of Mechanical Engineers will be held in Toronto, June 12-14, under the co-sponsorship of the ASME and the Toronto Section of the Institute of the Aeronautical Sciences, according to a recent announcement from H. C. Luttman, chairman of the Toronto IAS. The ASME will actually start its sessions on June 11, but those relating to aviation matters will not get under way until June 12.

Ten papers on a wide variety of aeronautical subjects will be given by some of the most prominent engineers in the United States, Great Britain, and Can-

ence to the Jetliner," by E. H. Atkin, chief engineer for Avro Canada, Malton, Ontario; "Propeller Turbine Aircraft, with Special Reference to the Apollo," by H. R. Watson, chief designer for Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England; "The Mamba Engines in the Apollo Aircraft," by B. H. Slatter, head experimental flight engineer for Armstrong Siddeley Motors Limited, Coventry, England.

Session II: Chairman, H. S. Rees, chief aeronautical engineer for the Department of Transport; vice-chairman, H. Hollerith of the Glenn L. Martin Company, Baltimore, Maryland.

Two papers will be given at this session, which is scheduled to begin at 2.20 p.m.: "Technical Problems of Turbojet Transports, with Special Reference to the Comet," by W. G. Townley, general manager of operations for

Loadmaster Evaluation

The Burnelli Loadmaster, as made by Cancargo Aircraft Manufacturing Company Limited of Montreal, a wholly owned subsidiary of Canadian Car & Foundry, was recently demonstrated to the U.S. Army and the USAF as an all-purpose cargo carrier. Cancargo worked on the Burnelli lifting fuselage project for about four years after the end of the war, and finally abandoned it almost completely last year because of lack of interest from potential customers.

Ethiopian Mission

A four man ICAO technical assistance mission has been sent to Ethiopia to help develop air transportation in that country. The mission is headed by Stuart Graham, one of Canada's first commercial pilots, veteran of 32 years of civil aviation development in Canada, and now member of the ICAO Air Navigation Commission, as well as