

# *airborne brains trust*



Tudor VIII, 4 Jets  
Experimental A/C

ALL THE PROBLEMS of high altitude flying can be studied at ground level . . . up to a point. With decompression chambers, mathematical formulae and a knowledge of aeronautical science the reaction of men, machines and instruments to rarefied air can be computed. But the problems connected with pressurized cabins, engine efficiency and instrument error in the wispy air of the outer atmosphere are academic until they are met at first hand . . . more than six miles up.

So the Tudor VIII has been equipped as a complete flying laboratory. A whole research

team, with all the necessary instruments are cruising at 35,000 feet in quest of knowledge about high flying. It is part of AVRO Manchester's intensive search for data on the flight problems of the aircraft of tomorrow.

As a member of the Hawker Siddeley Group, AVRO Canada has free access to the material yielded by the Tudor VIII flying laboratory. Many of the lessons learned by the high altitude research team have already influenced the design and construction of AVRO Canada's Jetliner, the C.102. Although young in years, AVRO Canada is already old in experience.



## **A. V. ROE CANADA LIMITED**

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