

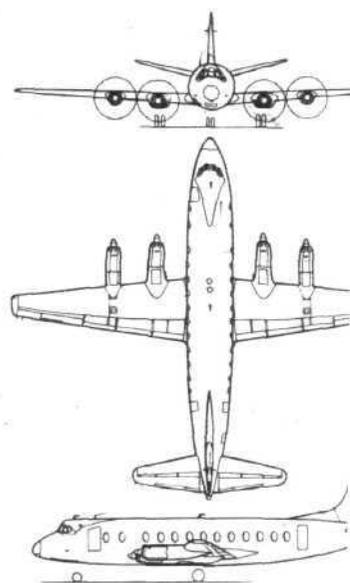


Viscount 800 The Vickers Viscount is represented at this year's S.B.A.C. Display by a type-800 for K.L.M., similar to the 800s in service with B.E.A. and Aer Lingus, and in production for the N.Z.N.A.C., Transair and Eagle Aviation. The 800 may be regarded as the second major development of the basic Viscount 700, the first being the higher-powered 700D. The 800 has the same higher-powered engines (Rolls-Royce Dart 510s of 1,600 s.h.p.), as the 700D, but increased cabin length with accommodation for ten more seats—up to 63 compared with up to 53 in the 700 and 700D.

The 800 is, however, already being closely followed on the Weybridge production lines by the newest member of the family, the model 810/840. This is basically an 800 with increased performance: fitted with 1,800 s.h.p. Dart 525s, the 810 cruises at 355 m.p.h. (40 m.p.h. faster than the 800 and 700), and it is structurally capable of true 400 m.p.h. cruising when the forthcoming 2,100 s.h.p. Dart 541s are installed. In this guise the 810 becomes the 840—the first 400 m.p.h. Viscount.

First deliveries of the 810/840, to Continental Air Lines of the U.S.A., will start early in 1958. In the meantime, an 806 for B.E.A. has been fitted with Dart 525s, making it representative of the 810 (see photograph below), to accelerate the test programme.

A good measure of a transport aeroplane's success is provided by actual figures of operating cost achieved in airline service. Figures just issued in the U.S.A. for Capital Airline's fleet of 59 Viscounts show a direct operating cost of 75.80 cents per mile and a maintenance cost of \$34.45 per hour. The interesting point about these costs is not so much that they correspond



Powerplant	Rolls-Royce Dart 5
Span	93ft 9
Length	85ft 1
Gross weight	67,500
Typical cruising speed	365 m.p.h.

Drawing and data above, a photograph below left, refer Viscount 810. Drawing and data below refer to Viscount 700D. Heading photograph shows K.L.M. 800.



Powerplant	Rolls-Royce Dart 5
Span	93ft
Length	81ft
Gross weight	63,000
Typical cruising speed	325 m.p.h.

