

DEPARTMENT OF TRANSPORT  
AIR SERVICES BRANCH  
OTTAWA, CANADA

A-54 Issue 2  
VICKERS  
Vanguard 952

AIRCRAFT TYPE APPROVAL

June 9, 1961

**Manufacturer:** Vickers-Armstrongs (Aircraft) Limited  
Weybridge, England

**Model:** Vanguard 952

**Category:** Transport Category (Passenger)

**Engines:** 4 Rolls Royce Tyne 512

**Fuel:** Group A: D. Eng. R.D. 2494  
D. Eng. R.D. 2482  
Canadian 3-GP-23B (Type 1)  
U.S.A. MIL-F-5616 (Grade JP. 1)

Group B: D. Eng. R.D. 2486  
Canadian 3-GP-22B (Type 2)  
U.S.A. MIL-J-5624D (Grade JP. 4)

Fuels which are a mixture of Group A and Group B specifications may be used provided that the engines are set up for fuel at a specific gravity of 0.765.

**Engine Limits:** See Airplane Flight Manual

**Airspeed Limits:** See Airplane Flight Manual

**Maximum Altitude:** 30,000 feet

**Maximum Weights:** Take-off 142,000 lb.  
Landing 124,000 lb.  
Zero Fuel 114,500 lb.

**C.G. Range:** See Airplane Flight Manual

**Minimum Crew:** Two Pilots

**Passengers:** See Airplane Flight Manual

**Baggage:** See Airplane Flight Manual

**Fuel Capacity:** 5,130 Imp. Gals.

**Oil Capacity:** Total 23 Imp. Gals.

**Propellers:** Any type specifically approved for this particular engine/airframe installation

**Serial Nos. Eligible:** 724 to 743 inclusively

Approval Basis: United Kingdom Ministry of Transport and Civil Aviation  
Certificate of Airworthiness

NOTE 1. This aircraft shall be operated in compliance with the operating limitations specified in the approved Airplane Flight Manual.

Note 2. (a) Current Weight and Balance report including list of equipment included in weight empty, and loading instructions must be in each aircraft (except in case of air carrier operators having an approved weight control system).

(b) The weight empty shall include the weight of the unusable fuel.



(H.S. Rees),  
Chief Aeronautical Engineer  
Department of Transport