

Engines

18. Number installed..... One
19. Makes..... De Havilland
20. Types..... Gipsy Major 1C
21. International power of the engine or engines at.....
- (a) Sea Level 125/130 H.P. at 2100..... revolutions per minute.
(International number of revolutions)
- (b) Rated Altitude..... H.P. at..... revolutions per minute.
(International number of revolutions)
- Hourly consumption at mean sea level at above-mentioned power per engine. 22. Fuel: (a)..... (b).....
23. Oil: (a)..... (b).....
24. Airscrews { Number fitted One Types..... No.....
Pitch..... Diameter.....
25. Weight of aircraft empty (a) Landplane..... 1233 lbs.
(including water in the radiators): (b) Seaplane..... lbs.
(c) Skiplane..... 1286 lbs.

WEIGHT OF FUEL AND OIL

26. Fuel..... 137 lbs.
(at 7.2 lbs. per gallon)
- (a) Number of tanks..... One
- (b) Capacity of tanks..... 19 Imp. gals.
27. Oil..... 18 lbs.
(at 9.0 lbs. per gallon)
- (a) Number of tanks..... One
- (b) Capacity of tanks..... 2 Imp. gals.
28. Weight allowed for crew..... 170 lbs.
29. Weight allowed for equipment, excluding wireless apparatus..... lbs.
30. Weight of wireless apparatus..... lbs.
31. Maximum commercial load (passengers, goods) authorized when the fuel and oil tanks are full..... (Skiplane) 214 lbs. (L.P.) 267 lbs.
32. Maximum total weight authorized..... lbs.
- * Landplane..... (Acrobatic) 1770 lbs. (Normal) 1825 lbs.
- * ~~Seaplane~~..... lbs.
- * Skiplane..... (Acrobatic) 1770 lbs. (Normal) 1825 lbs.

COMPULSORY CONDITIONS

33. Maximum total weight authorized (write in full).....
- Landplane..... (Normal) Eighteen hundred and twenty-five pounds.
- ~~Seaplane~~.....
- Skiplane..... (Acrobatic) Seventeen hundred and seventy pounds.
34. Minimum crew necessary..... One
35. Inspections and overhauls: See Air Regulations.
36. Stowage. See Air Regulations.
37. Distribution of the load: The aircraft must always be so loaded that the centre of gravity position must fall within the limits of inches and inches behind the prescribed datum.
38. The number of passengers carried must not, in any circumstances, exceed the number for which seating accommodation is provided.
39. Except in emergency the speed of the engine must not exceed 2100 r.p.m. for a total of more than one minute in each flight or, if the flight exceeds one hour, in each hour of flight; it must never exceed 2400 r.p.m.
40. The indicated air speed must never exceed (a)..... m.p.h. and (b)..... m.p.h. with flaps extended.

The Minister of Transport having regard to the reports furnished to him issues the present Certificate of Airworthiness dated December 5, 1945, in respect of the above-mentioned aircraft, in accordance with the Convention for the Regulation of Aerial Navigation, dated 13th October, 1919, Annex B, and with Air Regulations, 1938.

This Certificate is only valid, subject to the above compulsory conditions being fulfilled and until the date shown on page 4 hereof.

Given at Ottawa this 18th day of December, 1945.

Superintendent, Air Regulations.

* If flown acrobatically the maximum weight must not exceed 1770 lbs.