

ENGINES

- 18. Number installed..... **One**
- 19. Makes..... **Continental**
- 20. Types..... **A65**
- 21. International power of the engine or engines at.....
  - (Take-off) (M.E.T.O.) (a) Sea Level..... **65** H.P. at..... **2300** revolutions per minute.  
(International number of revolutions) **2100**
  - (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..... **Sensenich** No.....  
Pitch..... Diameter.....
- 25. Weight of aircraft empty (a) Landplane..... **693** lbs.  
(including water in the radiators): (b) Seaplane..... lbs.  
(c) Skiplane..... lbs.

WEIGHT OF FUEL AND OIL

- 26. Fuel..... **72** lbs.  
(at 7.2 lbs. per gallon)
- (a) Number of tanks..... **One**
- (b) Capacity of tanks..... **10** Imp. gals.
- 27. Oil..... **9** lbs.  
(at 9.0 lbs. per gallon)
- (a) Number of tanks..... **One**
- (b) Capacity of tanks..... **1** 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..... **276** lbs.
- 32. Maximum total weight authorized..... lbs.
- Landplane..... **1220** lbs.
- Seaplane..... lbs.
- Skiplane..... lbs.

COMPULSORY CONDITIONS

- 33. Maximum total weight authorized (write in full).....
    - Landplane..... **Twelve hundred and twenty pounds**
    - Seaplane.....
    - Skiplane.....
  - 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..... **2300** r.p.m.
  - 40. The indicated air speed must never exceed (a)..... m.p.h and (b)..... m.p.h.
- The Minister of Transport having regard to the reports furnished to him issues the present Certificate of Airworthiness dated **August 1st, 1946**, 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 **19th** day of **August** 19 **46**

Superintendent, Air Regulations.