

## ENGINES

18. Number installed..... **One**.....
19. Makes..... **Continental**.....
20. Types..... **A65-8F.**.....
21. International power of the engine or engines at.....
- (a) Sea Level..... **65** H.P. at..... **2350**..... 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..... **Sensenich**..... No.....  
Pitch..... **Fixed**..... Diameter.....
25. Weight of aircraft empty (including water in the radiators): (a) Landplane..... **751** lbs.  
(b) Seaplane..... **884** lbs. (2-2-48)  
(c) Skiplane..... **751** lbs.

## WEIGHT OF FUEL AND OIL

26. Fuel..... **65** lbs.  
(at 7.2 lbs. per gallon)
- (a) Number of tanks..... **One**.....
- (b) Capacity of tanks..... **9** Imp. gals.
27. Oil..... **9** lbs.  
(at 9.0 lbs. per gallon)
- (a) Number of tanks..... **One**.....
- (b) Capacity of tanks..... 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..... **245** lbs.  
*S.P. 172 lbs. (22.8.47) Skiplane 22.5 lbs. (1.3.48)*
32. Maximum total weight authorized..... **1220** lbs.  
Landplane..... **1220** lbs.  
Seaplane..... **1220** lbs. (2-2-48)  
Skiplane..... **1220** lbs.

## COMPULSORY CONDITIONS

33. Maximum total weight authorized (write in full).....
- Landplane..... **Twelve hundred and twenty pounds.**
- Seaplane..... **Twelve hundred and twenty pounds (22.8.47)**
- Skiplane..... **Twelve hundred and twenty pounds (2-2-48)**
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..... **10.6** inches and..... **22.6** 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..... **2350**..... 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..... **2350**..... 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..... **14. Nov. 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..... **15th** day of..... **April,**..... 19..... **47.**

Superintendent, Air Regulations.