

## 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..... **(Aerosprayer) 790 (17.5.48)**
25. Weight of aircraft empty (a) Landplane..... lbs.  
(including water in the radiators): (b) Seaplane..... lbs.  
(c) Skiplane..... 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. **9** lbs.
27. Oil.....  
(at 9.0 lbs. per gallon)
- (a) Number of tanks..... **One**
- (b) Capacity of tanks..... **1** Imp. gals. **170** lbs.
28. Weight allowed for crew..... lbs.
29. Weight allowed for equipment, excluding wireless apparatus..... lbs.
30. Weight of wireless apparatus..... **186 (Aerosprayer)** lbs. **(17.5.48)**
31. Maximum commercial load (passengers, goods) authorized when the fuel and oil tanks are full..... **1.2** lbs.
32. Maximum total weight authorized..... **1220** lbs.  
Landplane..... 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..... **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..... **February 27, 1947**..... 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..... **12th**..... day of..... **May**..... 19..... **47**

Superintendent, Air Regulations.