

## ENGINES

18. Number installed..... One.....
19. Makes..... Pratt & Whitney.....
20. Types..... R-1340-AN-1.....
21. International power of the engine or engines at.....
- Take off (a) Sea level 600..... H.P. at..... 2250..... revolutions per minute.  
M.E.T.O. (International number of revolutions)
- (b) Rated Altitude 550 H.P. at..... 2200..... revolutions per minute.  
(International number of revolutions)
- Hourly consumption at mean 22. Fuel: (a)..... (b).....  
sea level at above-mentioned  
power per engine. 23. Oil: (a)..... (b).....
24. Airscrews { Number fitted..... One..... Types Hamilton No.....  
Standard  
Pitch..... Variable..... Diameter.....
25. Weight of aircraft empty (a) Landplane..... 4153 lbs.  
(including water in the radiators): (b) Seaplane..... lbs.  
(c) Skiplane..... lbs.

## WEIGHT OF FUEL AND OIL

26. Fuel..... 670 lbs.  
(at 7.2 lbs. per gallon)
- (a) Number of tanks..... Two.....
- (b) Capacity of tanks..... 93 Imp. gals. 81 lbs.
27. Oil.....  
(at 9.0 lbs. per gallon)
- (a) Number of tanks..... One.....
- (b) Capacity of tanks..... 9 Imp. gals. 170 lbs.
28. Weight allowed for crew..... 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..... L.P. 226 lbs.
32. Maximum total weight authorized..... 5300 lbs.  
Landplane..... lbs.  
Seaplane..... lbs.  
Skiplane..... lbs.

## COMPULSORY CONDITIONS

33. Maximum total weight authorized (write in full).....  
Landplane..... Fifty Three Hundred 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..... 27.5..... inches and..... 32.5..... 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..... 2200..... 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..... 2250..... r.p.m.
40. The indicated air speed must never exceed (a)..... m.p.h. and (b)..... m.p.h.  
The Minister having regard to the reports furnished to him issues the present Certificate of  
Airworthiness dated December 21, 1946..... in respect of the above-mentioned aircraft, in  
accordance with the Convention on International Civil Aviation dated December 7, 1944, 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..... 30th..... day of..... October..... 19 47

*H. Sturges*  
Superintendent, Air Regulations.