

2 ENGINES

18. Number installed..... One

19. Makes..... Continental

20. Types..... A.65

21. International power of the engine or engines at.....

(Take-off) (a) Sea Level..... 65 H.P. at 2300 revolutions per minute.
(M.E.T.O.) (b) Rated Altitude..... 50 H.P. at 2100 (International number of revolutions)

(b) Rated Altitude..... H.P. at..... 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 Sensenich No.....
Pitch..... Diameter.....

25. Weight of aircraft empty (a) Landplane..... 731 lbs. 11-49
(including water in the radiators): (b) Seaplane..... lbs.
(c) Skiplane..... (11-4-47) 694 lbs. 11-49
729 lbs. 28-11-51

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 Skiplane 275 lbs. (3-11-49) L.P. 238 252 11-49

32. Maximum total weight authorized..... lbs.
Landplane..... 1220 lbs.
Seaplane..... 1220 lbs.
Skiplane..... (14-4-47) 1220 lbs.

COMPULSORY CONDITIONS

33. Maximum total weight authorized (write in full):
Landplane..... Twelve hundred & twenty pounds
Seaplane.....
Skiplane..... Twelve hundred & twenty pounds (14-4-47) 1220

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 Sept. 30th, 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 31st day of October 1946

[Signature]
Superintendent, Air Regulations.