

DEPARTMENT OF TRANSPORT

AIR SERVICES

OTTAWA, CANADA

A 4 ISSUE 1
FAIRCHILD 71C
June 24, 1952

AIRCRAFT TYPE APPROVAL

Manufacturer: Fairchild Aircraft Limited,
Longueuil, P. Q.

Model 71C: Normal Category.

Engine: Pratt & Whitney Wasp Jr. SB-3
(See Note 1 for optional engines).

Engine Limits: Maximum, except take-off

34.5 in. Hg.	2200 RPM	400 HP	Sea Level
33.5 in. Hg.	2200 RPM	400 HP	5000 ft.

(Straight line manifold pressure variation with altitude to 5000 ft.)

Take-off (one minute)

36.5 in. Hg.	2300 RPM	450 HP	Sea Level
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C. G. Range: 28 inches to 38 inches aft of wing L. E.

Levelling Means: Longitudinal and lateral lugs under fuselage.

Maximum Weight: Landplane - 6000 lbs.
Skiplane - 6000 lbs.
Seaplane - 6000 lbs.

Passengers: Seven with crew.

Approval Basis: Bulletin 7A and AP 1208.

Propeller and Propeller

Accessories: Propeller - Hamilton Standard Constant Speed
Hub Model 2D30-235 or-237.
Blade Model 6101A-12.

Equipment: 1. Ski Installation:

(a) Consolidated Mining & Smelting Co. Ltd.
Drawing No. 24A/11.

Equipment:
(Cont'd.)

- (b) Canadian Pacific Air Lines Drawings Nos. 35, 36 and 38.
- (c) Canadian Airways Limited Drawings Nos. 104 and 104B.

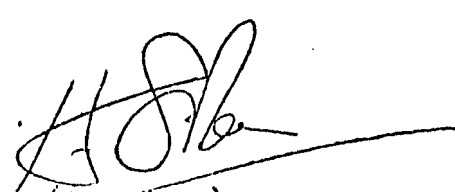
2. Float Installations:

- (a) Fairchild Drawing No. 0105-D using Fairchild P7 floats.
- (b) Fairchild Drawing No. 0566-D/E using Fairchild 6000 floats.
- (c) Edo Ya-292 float gear with Edo Ya 6235 floats.
- (d) Edo Ya-446 float gear with Edo Yd 6470 floats.

NOTE 1

Engines:

- (a) Military R-985-AN2)
- (b) Military R-985-AN4)
- (c) Military R-985-AN6)
or AN6B) limits same as SB-3
- (d) Military R-985-AN8)
- (e) Military R-985-AN10)
- (f) Military R-985-AN12)
or AN12B)
- (g) Military R-985-AN14B)



(H.S. Rees),
Chief Aeronautical Engineer,
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