

53

AIRCRAFT WEIGHING FORM

REPORT NO. **W7**

AIRCRAFT.. **Piper**.....MODEL.. **J3 - C65**.....TYPE.. **Landplane**

REGISTRATION MARK.. **CF - BRO**.....OWNER.. **Dr. Chisholm**

SERIAL NO. OF A/C... **113C**.....DATE OF WEIGHING... **25 October 49**

PLACE OF WEIGHING... **Closed Hanger - Pulsifer Bros., Eastern Passage, N. S.**
Cox and Stevens Electronic Weighing Kit.

APPARATUS USED FOR WEIGHING... **Model. ES-6A. Serial. No. 913**
Aircraft in flying position
No fuel - No oil
Equipment as listed below

CONDITION OF A/C AS WEIGHED.....

LEVELLING MEANS... **Top longeron - between front and rear seats**

DATUM.... **Leading edge - mainplane**

SUPPORTS (FRONT)... **Main Wheels - Measured 2.5 ins aft of datum**

SUPPORTS (REAR) **Strong Point Forward of Tail Wheel - Measured 187.2 ins aft of datum**

	WEIGHT	ARM (Distance From Datum)	MOMENT ABOUT DATUM
	Pounds	Inches	Pound-Inches
Front Left Support	332	+2.5	+ 830
Front Right Support	315	+2.5	+ 787.5
Tail Support	58	+187.2	+10857.6
TOTAL	705	+17.70	+12475.1

EQUIPMENT IN AIRCRAFT AT TIME OF WEIGHING		WT	ARM
Item 101	Propellor - Wooden Fixed		
104(a)	Carburetor Air Heater - D78c	2	-39
304(d)	Tail Wheel - Scott 6 x 200 Steerable	+ 4	+ 197
305(e)	Main Wheel Brake Assy 8.00 x 4 Type 111	+12	+ 3
311(e1)	Engine A - 65 - 8	+10	

Max. Permissible All-Up-Wt = 1220 lb

Permissible C. G. Range (Empty) = 8.5 ins to 20.3 ins. aft of datum

Permissible C. G. Range (Loaded) = 10.6 ins to 22.7 ins aft of datum

C. G. Position Actual (Empty) = 17.70 ins. aft of datum

R. Wallworth

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Chief Engineer

Checked Dec 27/49
J.H.