

CUB L-4-B CF-EGO Serial 241C

WEIGHT AND BALANCE REPORT

The aircraft was weighed in the hangar of Trans Aircraft at Hamilton, Ontario on Oct. 22nd, 1949. The two front wheels were each placed on a scale and the tail was elevated to level position and the tail wheel placed on a scale. The level of the aircraft was checked by means of the top longeron being level between the front and rear seats. The gas tank was empty and the oil sump was full (4 qts.) The datum line is the leading edge of the wing. The manufacturers limits for CG location empty weight are 8.5 to 20.3" aft of the datum.

C.G. Calculations are as follows:

<u>CONDITION A</u>	<u>Weight Empty</u>		
	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Tail	+ 57	+197	+11,229
RH scale	+354	+ 3	+ 1,062
LH scale	+332	+ 3	+ 996
Oil	- 9	- 29	- 261
	+734	+ 18.4	13,548

Donald E. Lewis

*Satisfactory
24 Oct 49*