

Loading condition 11

<u>Item</u>	<u>Weight</u>	<u>Arm.</u>	<u>Moment.</u>
Empty weight	4044	- .458	- 1,852
Fuel 89.4 Imp. Gals.	644	+ 21.5	+ 13,846
Oil 8 Imp. Gals.	72	+ 34.0	- 2,448
Pilot	170	- 14.0	- 2,380
Passenger (Front Seat)	170	- 14.0	- 2,380
	<u>5100</u>	<u>-----</u>	<u>+ 4,786</u>

Most rearward C.G. location is aft. of datum

$$\frac{4786}{5100} = +.938 \text{ inches}$$

Levelling means - Lugs located on left side of baggage compartment.

C.G. Range = (-4.6") to (+3.5") with balanced elevator.

Datum = Centerline of top of front spar.

Maximum weight permissible = 5100 pounds.

(Passenger or cargo)

C.A.A. Aircraft specification No: A-722

dated July 30-1952 refers to above data.