

EQUIPMENT INSTALLED

ITEM	WEIGHT	ARM ABOUT WING L.E.
<input type="checkbox"/> Propeller: Wood Fixed Pitch	11	(-50)
<input type="checkbox"/> Propeller: Fixed Pitch Metal	25	(-50)
<input type="checkbox"/> 8.00-4 Wheel with Brakes & 4 Ply Tires	32	(0)
<input type="checkbox"/> 6 x 2.00 Tail Wheel, Steerable Scott Model #3-24B	6	(+177)
<input type="checkbox"/> Tail Wheel - Steerable Maule Model #SFS-1-4-P8	6	(+177)
<input type="checkbox"/> Battery & Box 12 V	27	(+21)
<input type="checkbox"/> Navigation Lights	3	(+65)
<input type="checkbox"/> Wheel Fenders	9	(0)
<input type="checkbox"/>		
<input type="checkbox"/>		

PIPER AIRCRAFT CORPORATION  
 LOCK HAVEN., PA.  
 ACTUAL WEIGHT AND BALANCE  
 MODEL PA-20

SERIAL NO \_\_\_\_\_ N \_\_\_\_\_

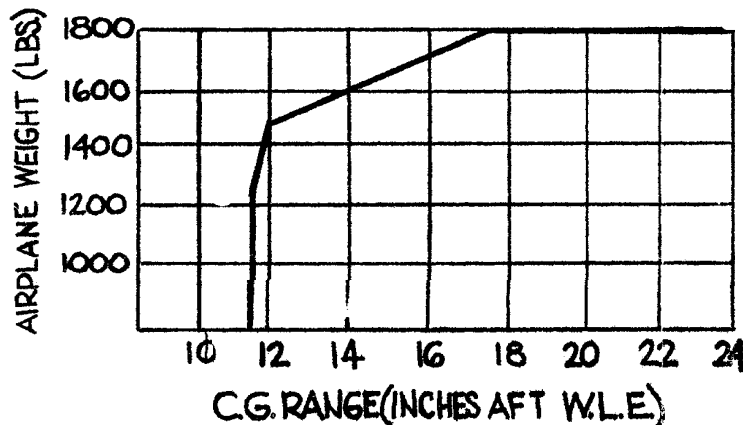
Approved by \_\_\_\_\_

DATE \_\_\_\_\_

EMPTY WEIGHT "As Weighed"  
 (Including items checked on last page)

	<u>Scale Reading</u>	<u>Tare</u>	<u>Net</u>
Left Wheel	_____	_____	_____
Right Wheel	_____	_____	_____
Tail Scale	_____	_____	_____
TOTAL	_____	_____	_____

APPROVED C.G. RANGE V<sub>s</sub>. WEIGHT

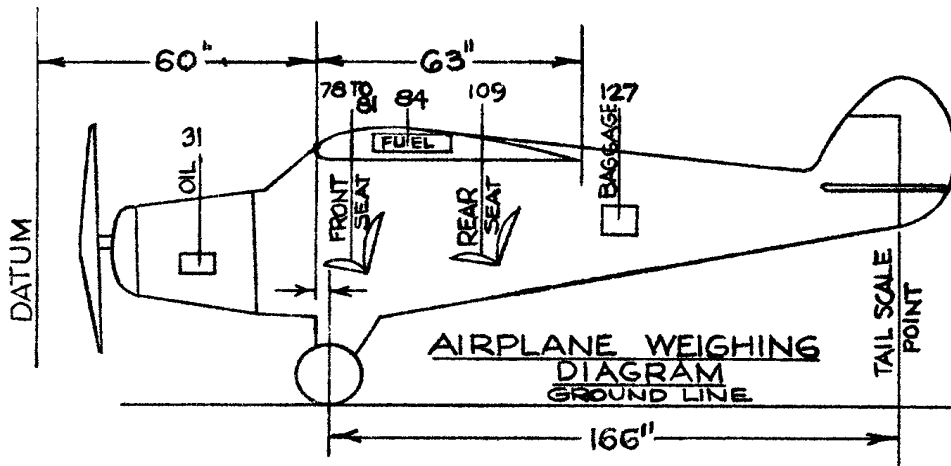


C.G. Empty "As Weighed" is aft Wheel C.L. (166" \* \_\_\_ lbs) / \_\_\_ lbs = \_\_\_

Distance from Datum to Wheel C.L. and Wing L.E. 60"

C.G. Empty "As Weighed" is aft Datum 60" + \_\_\_" = \_\_\_"

\* See Airplane Weighing Diagram



MOST FORWARD C.G. (ALTERNATE) NORMAL CATEGORY			
ITEM	WGT.	ARM	MOMENT
Empty Weight "As Weighed"			
Oil (8 qts.)			
Fuel (18 gal.) Wing			
Pilot (Front Seat Forward)			
Passenger (Front Seat Forward)			
<b>TOTAL</b>			

Most Forward C.G. \_\_\_\_" aft of W.L.E. \*

C.G Empty "As Weighed" is aft of Wheel C.L.  $(166 \times \_\_ \text{lbs}) \div \_\_ \text{lbs} = \_\_ "$

Distance from Datum to Wheel C.L. 60"

C.G. Empty "As Weighed" is Aft of Datum  $60.0 + \_\_ = \_\_ "$

MOST FORWARD C.G. NORMAL CATEGORY			
ITEM	WGT.	ARM	MOMENT
Empty Weight "As Weighed"			
Oil (8 qts.)			
Fuel (10.5 gal.) Wing			
Pilot (Front Seat Forward)			
<b>TOTAL</b>			

Most Forward C.G. \_\_\_\_" aft of Wing L.E. \*

MOST REARWARD C.G. NORMAL CATEGORY			
ITEM	WGT.	ARM	MOMENT
Empty Weight "As Weighed"			
Oil (8 qts.)			
Fuel (36 gal.) Wing			
Pilot (Front Seat Rear)			
Passengers (2 Rear Seat)			
Baggage			
<b>TOTAL</b>			

Most Rearward C.G. Normal Category \_\_\_\_" aft W.L.E. \*

\*Most Forward C.G. it aft of Wing L.E. For approved limits see "Approved C.G. Range Vs Weight" Diagram on last page.

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 LOCK HAVEN., PA.  
 ACTUAL WEIGHT AND BALANCE  
 MODEL PA-20

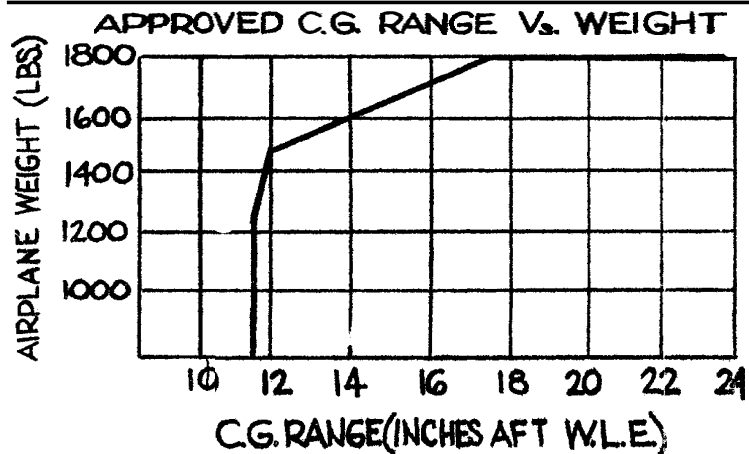
SERIAL NO \_\_\_\_\_ N \_\_\_\_\_

Approved by \_\_\_\_\_

DATE \_\_\_\_\_

EMPTY WEIGHT "As Weighed"  
 (Including items checked on last page)

	<u>Scale Reading</u>	<u>Tare</u>	<u>Net</u>
Left Wheel	_____	_____	_____
Right Wheel	_____	_____	_____
Tail Scale	_____	_____	_____
TOTAL	_____	_____	_____

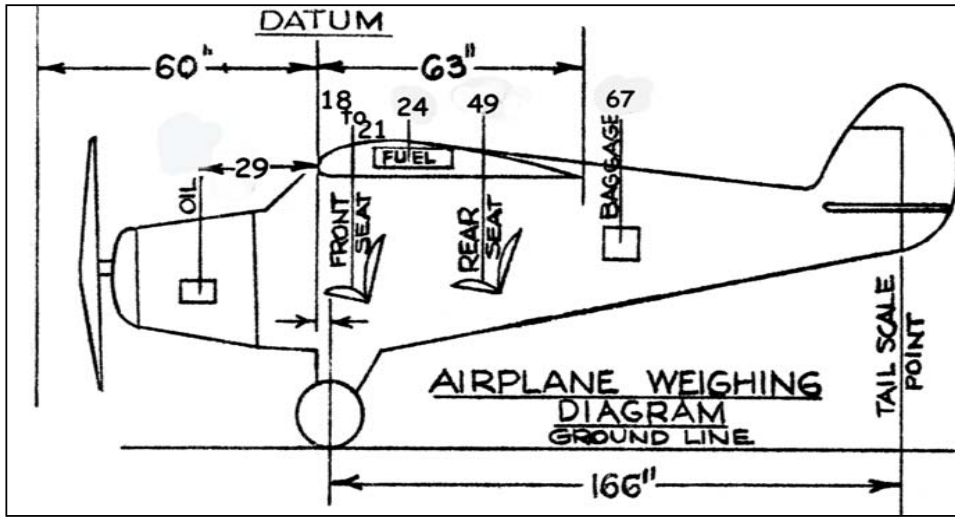


C.G. Empty "As Weighed" is aft Wheel C.L. (166"× \_\_\_lbs)÷ \_\_\_lbs= \_\_\_

Distance from Datum to Wheel C.L. and Wing L.E. 0.0"

C.G. Empty "As Weighed" is aft Datum 0.0"+ \_\_\_"= \_\_\_"

\* See Airplane Weighing Diagram



MOST FORWARD C.G. (ALTERNATE) NORMAL CATEGORY			
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Empty Weight "As Weighed"			
Oil (8 qts.)			
Fuel (18 gal.) Wing			
Pilot (Front Seat Forward)			
Passenger (Front Seat Forward)			
<b>TOTAL</b>			

Most Forward C.G. \_\_\_\_" aft of W.L.E. \*

C.G Empty "As Weighed" is aft of Wheel C.L.  $(166" \times \_\_ \text{lbs}) \div \_\_ \text{lbs} = \_\_ "$

Distance from Datum to Wheel C.L. 0.0"

C.G. Empty "As Weighed" is Aft of Datum  $0.0" + \_\_ " = \_\_ "$

MOST FORWARD C.G. NORMAL CATEGORY			
ITEM	WGT.	ARM	MOMENT
Empty Weight "As Weighed"			
Oil (8 qts.)			
Fuel (10.5 gal.) Wing			
Pilot (Front Seat Forward)			
<b>TOTAL</b>			

Most Forward C.G. \_\_\_\_" aft of Wing L.E. \*

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