

WEIGHT AND BALANCE REPORT

BOEING STEARMAN
MODEL A75N1
N59463

MAY 10, 1996

Aircraft re-weighed this date (ref Soloy WO 17037611):

<u>ITEM</u>	<u>WEIGHT</u> <u>-lbs-</u>	<u>ARM</u> <u>-in-</u>	<u>MOMENT</u> <u>-in lb-</u>
A/C as weighed (full fuel and oil)	2524	- .4	- 1101
Remove fuel (46 gal useable)	-276	-5.0	+ 1380
<u>Remove oil (20 qts)</u>	<u>- 33</u>	<u>-26.0</u>	<u>+ 858</u>
NEW EMPTY WEIGHT & CG	2215	+ .5	1137

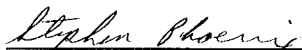
MOST FORWARD LOADING

A/C	2215	+ .5	1137
Max fuel	276	-5.0	- 1380
Max oil	33	-26.0	- 858
<u>Light pilot</u>	<u>140</u>	<u>55.0</u>	<u>7700</u>
	2664	2.5	6599

MOST AFT LOADING

A/C	2215	+ .5	1137
Min fuel (6 gal)	36	-5.0	-180
Min oil (4 qt)	7	-26.0	-182
Max baggage	40	84.0	3360
<u>Heavy pilot</u>	<u>220</u>	<u>55.0</u>	<u>12100</u>
	2518	+ 6.4	16235

C.G. LIMITS: -1.0 to +4.5 Max WT 3200 lbs
-1.0 to +7.1 Max WT 2950 lbs


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