

YAK52 Weight and Balance Calculator (Inches/Pounds)

Item	Value	Arm	Moment
Basic Empty Weight	2109,00	-12,16	-25645,44
Front Pilot	210,00	-7,87	-1652,70
Rear Passenger	200,00	41,70	8340,00
Fuel (lbs)	170,00	-10,62	-1805,40
Engine oil (lbs)	22,00	-51,18	-1125,96
Smoke oil/ baggage		69,68	

Max Weight (Aerobatic)	Max Weight (Utility)
2712	2899

Arm datum is fuselage
frame #5

C of G Range:
6.77-12.9" fwd of datum

Gear	<input checked="" type="radio"/> Up	<input type="radio"/> Down
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		Aerobatic	Utility
All Up Weight	2711,0	OK	OK
Total Moment	-22726,5	-1,0 lb	-284,0 lb
C of G	8,4	OK	OK

21.07.1999

Instructions

Enter your data in the white cells.

The results are calculated and appear in the gray cells.

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