

WEIGHT AND BALANCE

Cessna 150

Long range tanks

L tank fuel

R tank fuel

Total (AVGAS):

PH-TGA

(Fuel flow: 5,6 Gallon/hr. = 21 ltr./hr.)

19 usable 17,5 gallon = 72 usable 66 ltr.

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38 usable 35,0 gallon = 144 usable 132 ltr.

VFR flight

Date:

Pilot:

Co Pilot:

Passgr:

1 gallon = 6 lbs. 1 ltr. = 0,72 kg.

Endurance: 6.00hr.

Oil cap: 6 qts. = 11 lbs. = 5 kg.

Weight
(lbs.)

Moment
(lbs.-in./1000)

arm
in.

1. Licensed Empty Weight	544,5	kg. X	2,2	lbs./kg.	1198	39,50	33,00
2. Oil (6 qts - Full oil may be assumed for all flights) included in Basic Weight. <i>The basic weight includes the weight of unusable fuel.</i>							
3. Fuel R tank		ltr. x 0,2642 gallon/ltr.=	0,0	gallon X	6		39,37
Fuel L tank		ltr. x 0,2642 gallon/ltr.=	0,0	gallon X	6		39,37
4. Pilot and Passenger		kg. =	2,2	lbs./kg.			39,00
5. Baggage - Area 1		kg. =	2,2	lbs./kg.			64,00
6. Baggage - Area 2		kg. =	2,2	lbs./kg.			84,00
7. TOTAL WEIGHT AND MOMENT							

8. Locate this point on the center of gravity moment envelope, and when this point falls within the envelope, the loading is acceptable.

DaMongoose

