

# N6338N WEIGHT AND BALANCE

Empty weight: 1197 lbs

Empty C.G.: 11.65

Empty moment: 13950

C.G. limits: (+14.2) to (+18.2) at 1650 lb.

(+10.5) to (+18.2) at 1325 lb. or less

When performing acrobatic maneuvers, the C.G. range shall be limited to:

(+14.2) to (+16.0) at 1650 lb.

(+10.5) to (+16.0) at 1325 lb. or less

Straight line variation between points given.

## SAMPLE LOADING 2 PEOPLE

	WEIGHT (LBS)	C.G.	MOMENT
<b>BASIC EMPTY WEIGHT</b>	1197	11.65	13950
<b>PILOT</b>	170	11.5	1955
<b>PASSENGER</b>	170	42.0	7140
<b>FUEL</b>	102	24.5	2499
<b>BAGGAGE</b>	0	0	0
<b>LOADED AIRCRAFT</b>	1639	15.6	25544

Always compute weight and balance before flight

Possible to load aircraft in unsafe manner

JARED MANCINI A&P 4373769

*Jared Mancini*

5/23/2023