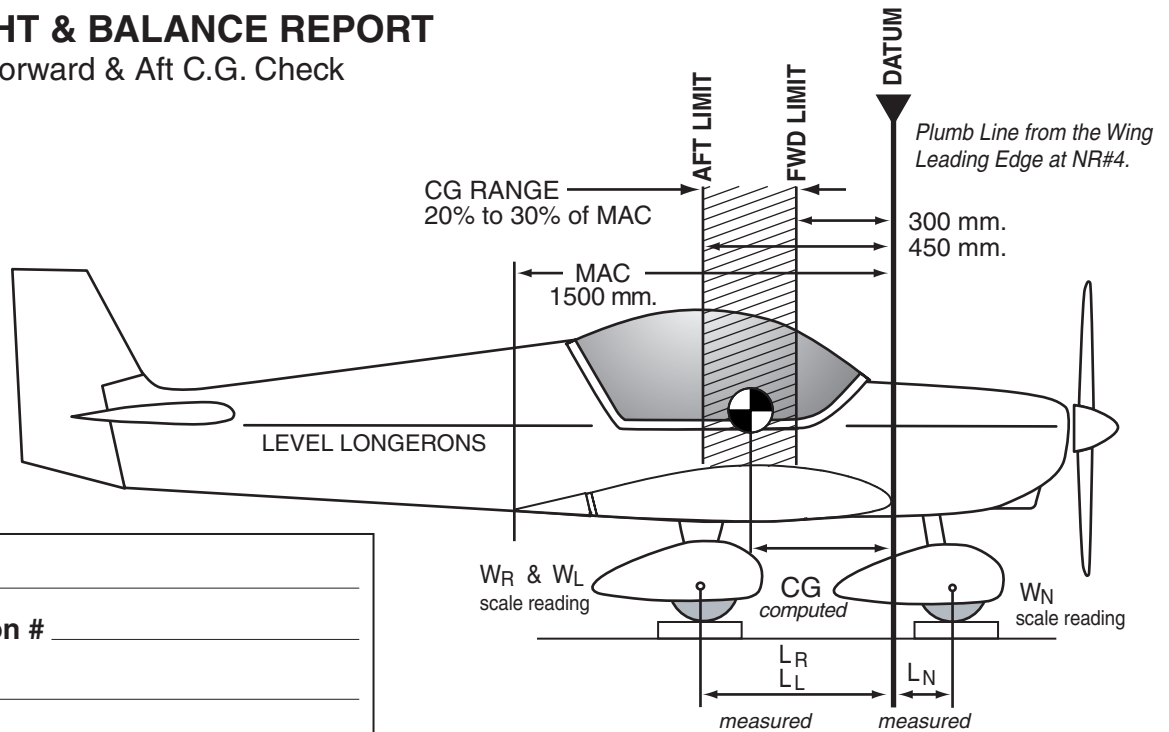


ZODIAC CH 601 XL

WEIGHT & BALANCE REPORT

Forward & Aft C.G. Check



Drawing not to scale.

SERIAL # _____

Registration # _____

By: _____

Date: _____

ITEM	WEIGHT (pounds)	ARM (mm.)	MOMENT	
AIRCRAFT EMPTY CG	RIGHT MAIN WHEEL	$W_R =$	$L_R =$	$W_R \times L_R$
	LEFT MAIN WHEEL	$W_L =$	$L_L =$	
	NOSE WHEEL	$W_N =$	$L_N =$ <i>negative arm</i>	-
	COMPUTED CG EMPTY	Empty Weight:	CG=	<i>Arm to Datum</i>

Forward Check:
Add to the empty weight & aircraft moment items located forward of the computed empty CG (ie. Fuel) plus the pilot.

			MOMENT - Forward	MOMENT - Rear
PILOT		700 mm.		
PASSENGER		700 mm.		
BAGGAGE		1,600 mm.		
FUEL: L.E. WING TANKS L & R: ____ Gal. each		180 mm.		
FUEL: L.E. WING TANKS EXTENDED RANGE		180 mm.		
TOTAL	$W_F =$		$M_F =$	$M_R =$
	$W_R =$			
Gross Weight:	Take-Off Weight:		$CG_{FRD} =$	$CG_{AFT} =$

CG Range: From **300 mm.** to **450 mm.**

$$\text{Center of Gravity (CG)} = \frac{\text{Total Moment}}{\text{Total Weight}}$$