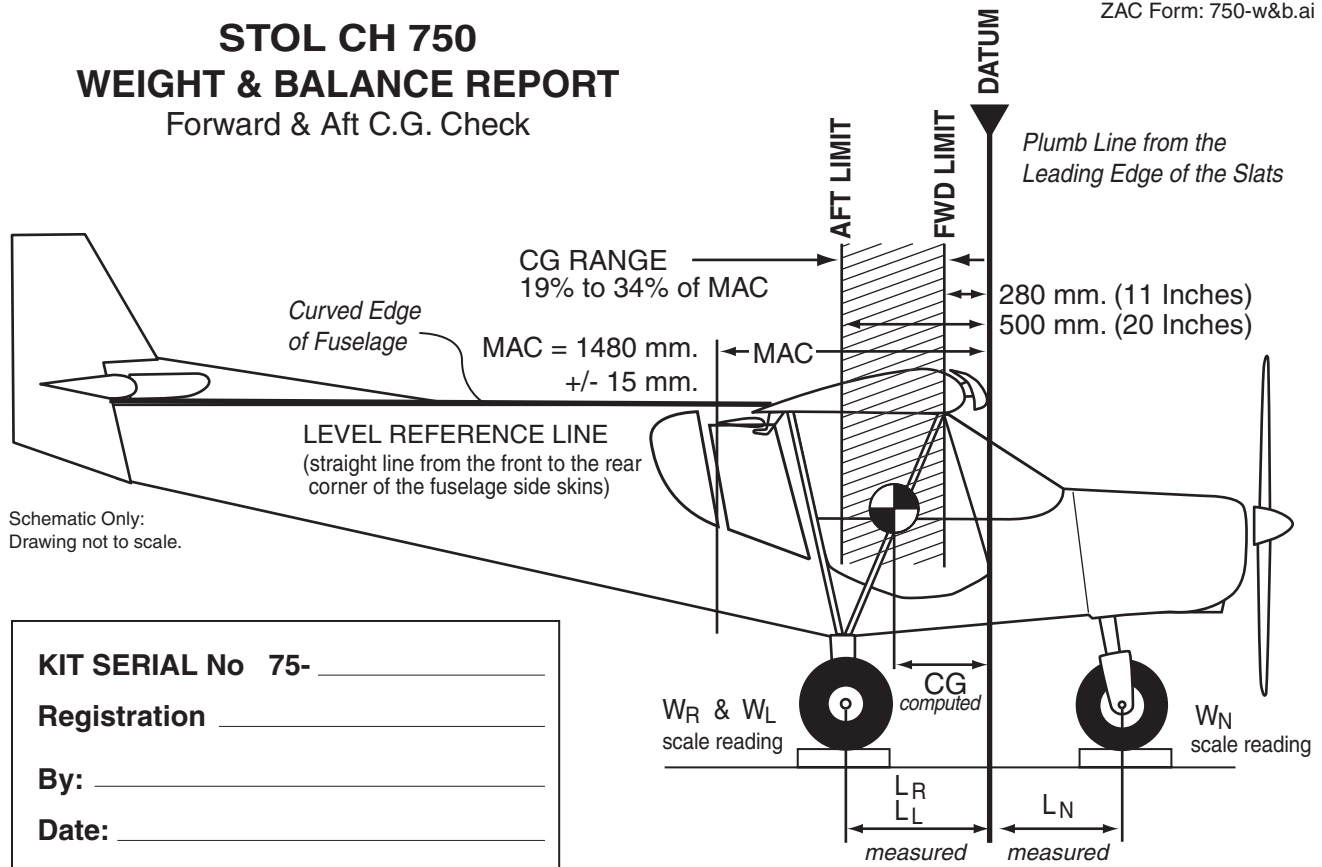


STOL CH 750

WEIGHT & BALANCE REPORT

Forward & Aft C.G. Check



ITEM	WEIGHT (pounds)	ARM (mm.)	MOMENT
AIRCRAFT EMPTY CG	RIGHT MAIN WHEEL	WR =	LR = WR X LR
	LEFT MAIN WHEEL	WL =	LL =
	NOSE WHEEL	WN =	LN = - negative arm
	Computed CG EMPTY	Empty Weight:	CG = arm to Datum

Forward Check:
Add to the empty weight and aircraft moment items located forward of the computed empty CG (such as fuel) plus the pilot.

			MOMENT - Forward	MOMENT - Rear
PILOT / PASSENGER		650*		
WING TANKS L & R: ___ Gal. each		630		
REAR BAGGAGE		1600		
TOTAL	TW _F =	* Depends on individuals' weight distribution.	TM _F =	TM _R =
	TW _R =			
Gross Weight:	Take-Off Weight:		CG _{FRD} =	CG _{AFT} =

CG Range: From **280 mm.** to **500 mm.**

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