



WEIGHT AND BALANCE RECORD

of SportStar MAX Aircraft

Serial Number : 2006-0810

Registration : N66AV

Order : 110531

Configuration :

PER ATTACHED EQUIPMENT LIST

Weighing Point	Scale Reading Ri [lbs] or [kg]	Tare Ti [lbs] or [kg]	Net Weight NW _i = Ri - Ti [lbs] or [kg]
Nose wheel	R _{nose} = 168.0	T _{nose} = 0	NW _{nose} = 168.0
Left wheel	R _{left} = 308.4	T _{left} = 6.0	NW _{left} = 302.4
Right wheel	R _{right} = 302.0	T _{right} = 6.0	NW _{right} = 296.0

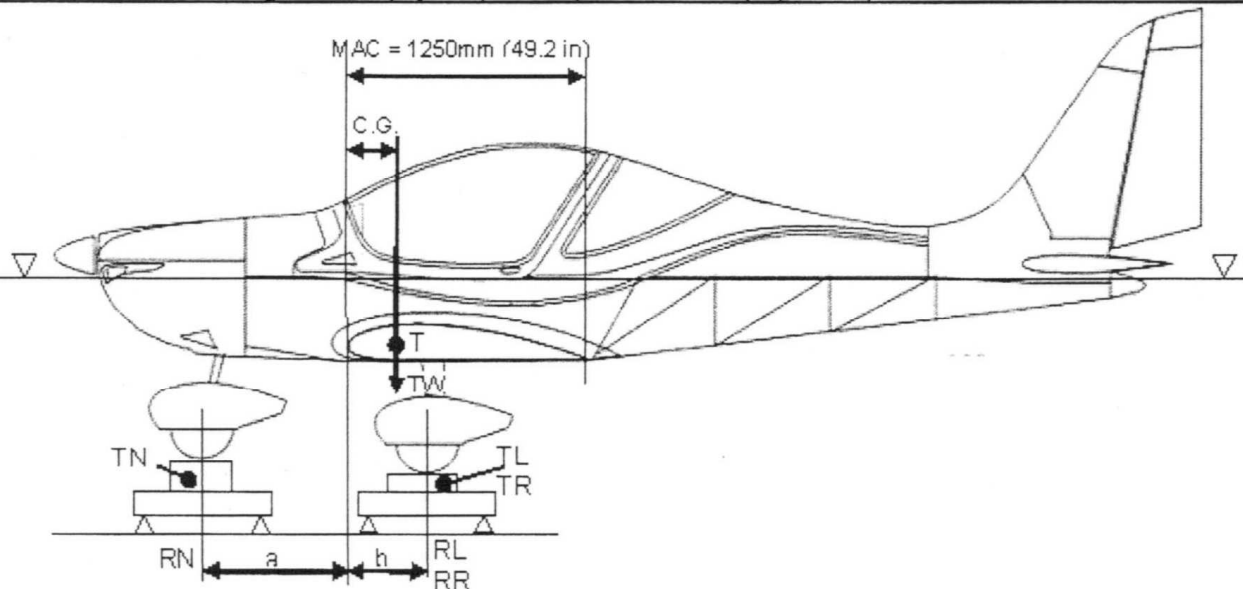
Distance Supports	a = 30.59 mm IN
	b = 22.24 mm IN

Total Weight [lbs] or [kg]	
TW = NW _{nose} + NW _{left} + NW _{right}	TW = 766.4

C.G. Position from Datum (Leading edge) [in] or [mm]	
$C.G. = \frac{(NW_L + NW_R) \times b - NW_N \times a}{TW}$	C.G. = 10.66

C.G. Position [% MAC]	
$\overline{C.G.} = \frac{C.G. \text{ [in] or [mm]}}{MAC \text{ [in] or [mm]}} \times 100$	C.G. [% MAC] = 21.67

Permitted C.G. range of empty Airplane (standard equipment) : 20 ± 2 % MAC



Carried out by :

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Signature :

[Handwritten Signature]

Date :

31 MAY 2011