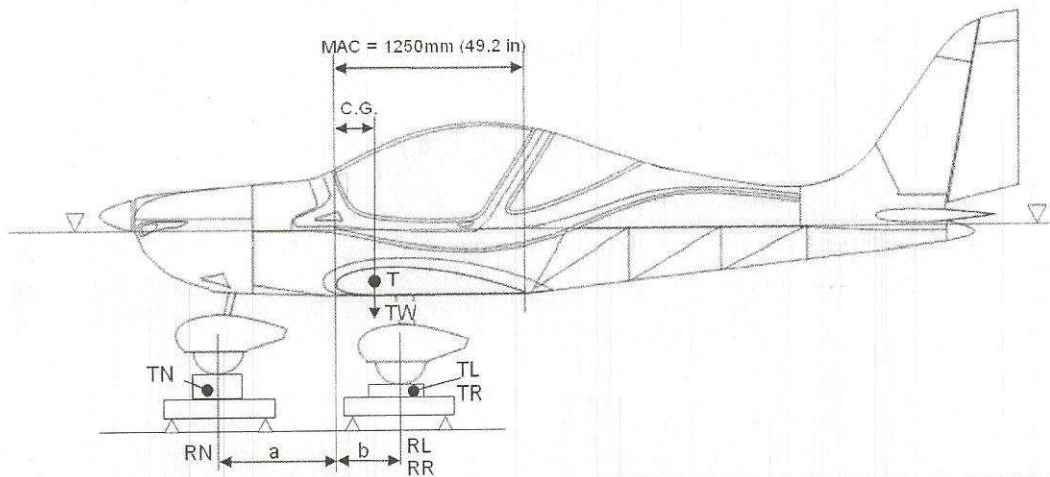




WEIGHT AND BALANCE RECORD of SportStar^{MAX} Aircraft

Serial Number : **2010 1306** Registration : **N905SM** Order : **640205**

Configuration : Engine R 912 ULS, Warp Drive Propeller, Oil Termostat, SD20 Generator, DYNON SkyView 10" + 7"EMS + ADAHRS 200 + ADAHRS 201 + GPS module + back-up battery + AP + OAT, Stall Warning Unit, Compass, GARMIN SL30 Transceiver, GI106A, Garmin GTX330 Transponder, ACK A-30 Altitude Digitizer, Intercom PM3000, GPS Preinstallation, GPS Holder AirGizmos, ELT ARTEX ME406, Flash Lights WHELEN LED 90340, Landing Light WHELEN 71141, WHELEN Swivel Cabin Light, Rectifier Capacitor, Dual Brake System with Brake Pump on each Pedal, Parking Brake MATCO, Wheel Fairings, Tinted plexiglass, Heating + Ventilation, New Comfort Interior Set, Antireflecting Shade, Antireflecting Coat - Design "Cobra", Baggage Compartment Upholstery, Luggage Rack, Shoulder Belt Sleeves, Dual Electric Trim System (pitch + roll), Integral Fuel Tanks 2x15.85 gal.US, Electric Fuel Pump Pierburg, Unusable Quantity of Fuel (0.5 US gal.), Wing step area, Vortex generator in the wing,



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} = 164,24	T _{nose} = 0,44	NW _{nose} = 163,80
Left wheel	R _{left} = 310,63	T _{left} = 0,44	NW _{left} = 310,19
Right wheel	R _{right} = 291,01	T _{right} = 0,44	NW _{right} = 290,57
Distance Supports	a = 31,771 [in] or [mm]		
	b = 21,377 [in] or [mm]		
Total Weight [lbs] or [kg]			
TW = NW _{nose} + NW _{left} + NW _{right}			TW = 764,57
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. = 9,99
C.G. Position [% MAC]			
$\overline{C.G.} = \frac{C.G. \text{ [in] or [mm]}}{MAC \text{ [in] or [mm]}} \times 100$			20,3
Permitted C.G. range of empty Airplane (standard equipment) : 20 ± 2 % MAC			

Carried out by : **Antonín Šerý** Signature : _____ Date : **9 September 2010**