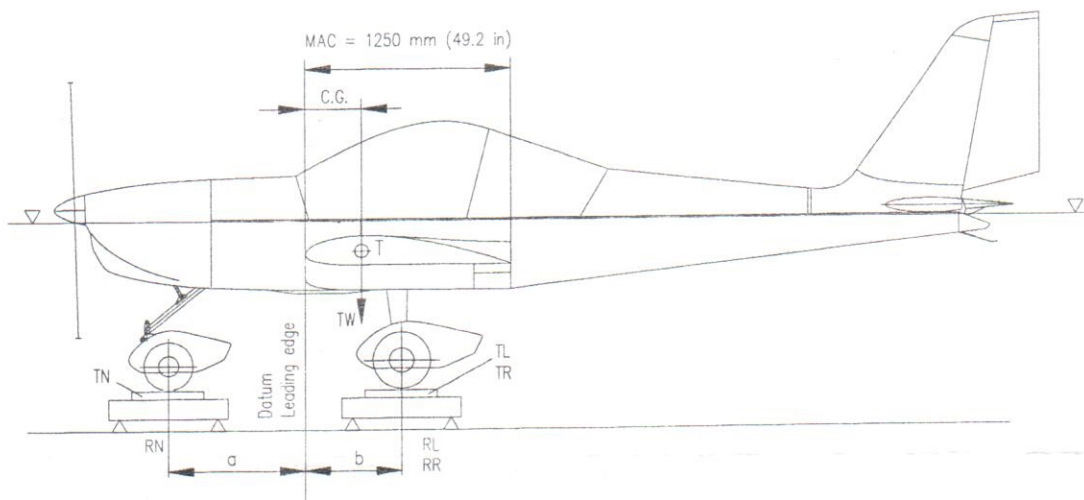




WEIGHT AND BALANCE RECORD of SportStar^{plus} Aircraft

Serial Number : **2007 1008** Registration : **N188EV** Order : **640142**

Configuration : Engine R912 ULS, Alternator SD20, Oil Thermostat, Engine Analog Instruments Mitchell, Propeller WOODCOMP Classic 170/3/R, Airspeed Indicator, Altimeter, Vertical Speed Indicator, Compass SIRS, Horizon ADI-3, Fuel Pressure Gauge Mitchell, Fuel Gauge Mitchell 2pcs, Outside Air Thermometer Mitchell, Voltmeter Mitchell, Hourmeter HOBBS, Preinstallation GPS396/496MAP, Transceiver SL40, Transponder GTX327, Altitude Encoder ACK A-30, WHELEN A600 Beacons, WHELEN A715 Landing Light, WHELEN Swivel Cabin Light, Instruments Lighting with Regulator, ELT AK-450, Heating, Dual Front Section Canopy Blowing, Vent Holes Dual Front+L+R, Alfa Romeo Vent Flap, Dual brake system with brake pump on each pedal, Parking Brake, Adjustable Pedals, Tyres Cheng-Shin 15x6-6,00, Wheel Fairings, Baggage Compartment Upholstery, Instrument Board Cover Upholstery, Luggage Rack, Padded Shoulder Guards, Antireflection Shade, Sun Shades, Sun Shade KOGER, Stall Warning System, Oil Check Cover, Wide Canopy Brown, Dual Electric Trim System, Electrical Fuel Pump ROTAX, Integral Fuel Tanks 2x15.85 US.gal., Unusable Quantity of Fuel



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} = 156,09	T _{nose} = 0,44	NW _{nose} = 155,65
Left wheel	R _{left} = 293,66	T _{left} = 0,44	NW _{left} = 293,22
Right wheel	R _{right} = 291,45	T _{right} = 0,44	NW _{right} = 291,01
Distance Suports	a = 31,22 [in] or [mm]		
	b = 21,93 [in] or [mm]		
Total Weight [lbs] or [kg]			
TW = NW _{nose} + NW _{left} + NW _{right}			TW = 739,88
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. = 10,75
C.G. Position [% MAC]			
$\overline{C.G.} = \frac{C.G. \text{ [in] or [mm]}}{MAC \text{ [in] or [mm]}} \times 100$			21,84
Permitted C.G. range of empty Airplane (standard equipment) : 20 ± 2 % MAC			

Carried out by : **Ladislav Zálešák**

Signature :

VEKTOR - AEROTECHNIK s.r.o.

Letecká 2p. 1384

PSC 688 04, Kunovice

CZECH REPUBLIC

Date : **23.08.2007**