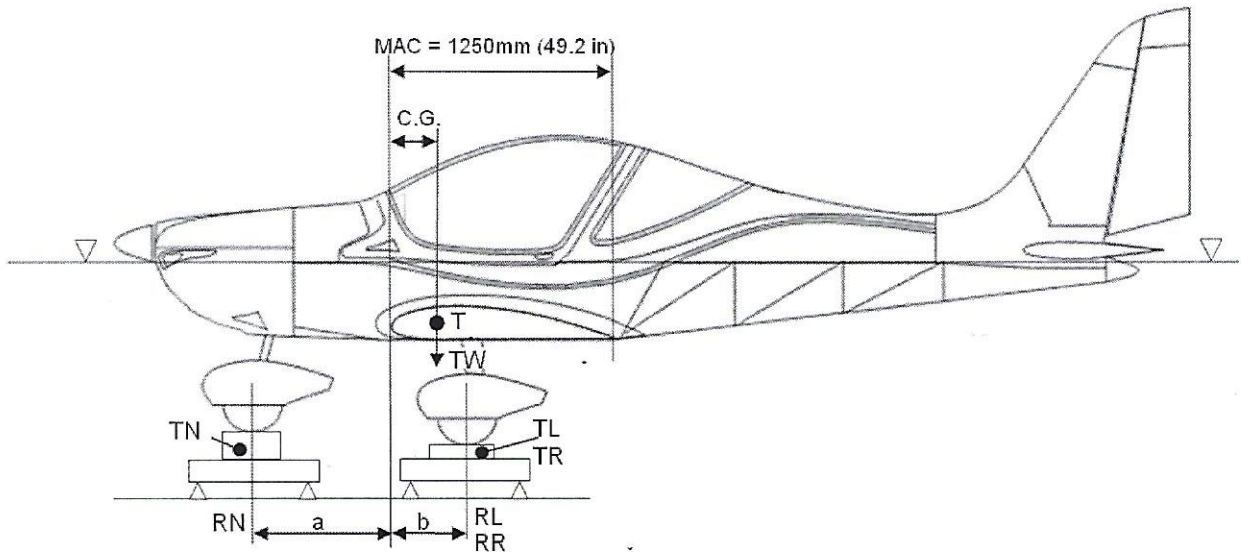




## WEIGHT AND BALANCE RECORD of SportStar RTC Aircraft

**Serial Number :** 20161919      **Registration :** F-HATF      **Order :** 648094

**Configuration :** Engine R 912 ULS2, Oil Thermostat, FG12150 Battery, External Power Socket, Klassic 170/3/R Propeller, Airspeed Indicator, Altimeter, Vertical Speed Indicator, Magnetic Compass, G1106A CDI, Engine Analog Instruments Mitchell, Fuel Gauge Mitchell 2 pcs, Fuel Pressure Gauge Mitchell, Voltmeter Mitchell, OAT Gauge Mitchell, Turn Coordinator BZW-4B, Attitude Gyro RCA26AK, Directional Gyro RCA15AK, Clock Mitchell, Hourmeter HOBBS, Stall Warning Unit T1b, GNC255A Transceiver, GTX328 Transponder, ACK A-30 Altitude Digitizer, GPS aera500, GPS Holder AirGizmos, ELT Kannad Integra, Position Strobe LED 90340, Landing Light LED 71141, Dual Brake System with Brake Pump on each Pedal, Parking Brake, Wheel Fairings, Glareshield, Sun Shade KOGER, Heating + Ventilation, Baggage Compartment Upholstery, Luggage Rack, Shoulder Belt Sleeves, Dual Electric Trim System (pitch + roll), Integral Fuel Tanks 2x60 Lt., Electric Fuel Pump Pierburg, Unusable Quantity of Fuel (2ltr.), Fire extinguisher, First Aid kit, Emergency hammer with a belt cutter,



Weighing Point	Scale Reading Ri [lbs] or [kg]	Tare Ti [lbs] or [kg]	Net Weight NW <sub>i</sub> = Ri - Ti [lbs] or [kg]
Nose wheel	R <sub>nose</sub> = <b>77,2</b>	T <sub>nose</sub> = <b>0</b>	NW <sub>nose</sub> = <b>77,2</b>
Left wheel	R <sub>left</sub> = <b>139,0</b>	T <sub>left</sub> = <b>0</b>	NW <sub>left</sub> = <b>139,0</b>
Right wheel	R <sub>right</sub> = <b>133,3</b>	T <sub>right</sub> = <b>0</b>	NW <sub>right</sub> = <b>133,3</b>

Distance Supports	a = <b>776</b> mm		
	b = <b>559</b> mm		

<b>Total Weight [lbs] or [kg]</b>	
TW = NW <sub>nose</sub> + NW <sub>left</sub> + NW <sub>right</sub>	TW = <b>349,5</b>

<b>C.G. Position from Datum (Leading edge) [in] or [mm]</b>	
$C.G. = \frac{(NW_L + NW_R) \times b - NW_N \times a}{TW}$	C.G. = <b>264,12</b>

<b>C.G. Position [% MAC]</b>	
$\overline{C.G.} = \frac{C.G. \text{ [in] or [mm]}}{MAC \text{ [in] or [mm]}} \times 100$	$\overline{C.G.} \text{ [% MAC]} = \mathbf{21,13}$
Permitted C.G. range of empty Airplane (standard equipment) : 20 ± 2 % MAC	

**Carried out by :** Ladislav Zálešák      **Signature :** \_\_\_\_\_      **Date :** 26.11.2020

