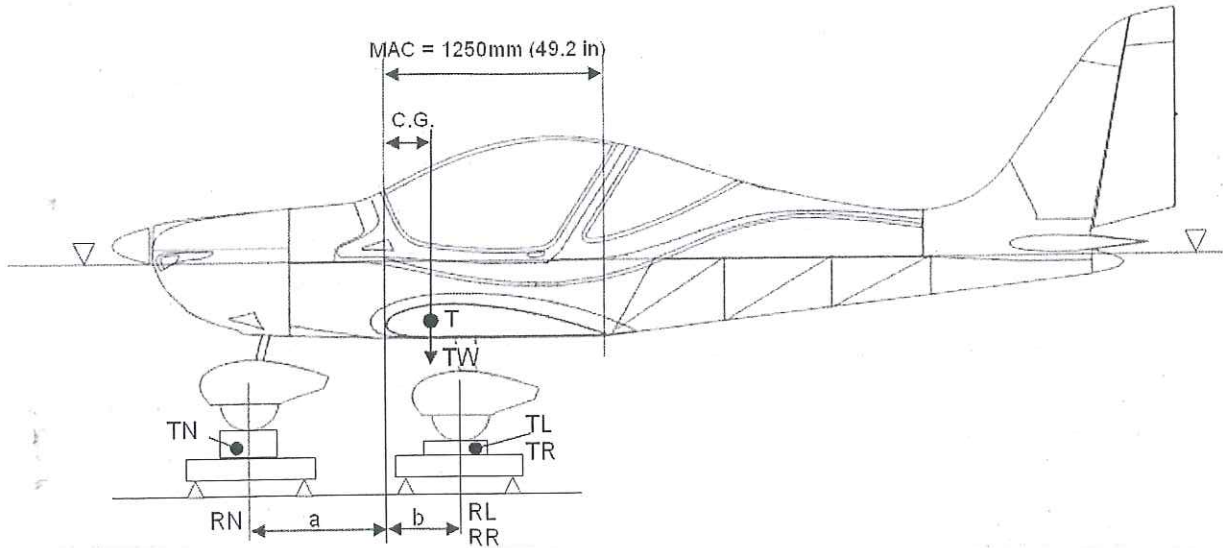




WEIGHT AND BALANCE RECORD of SportStar RTC Aircraft

Serial Number : 2016 1919 **Registration :** F-HATF **Order :** 640288

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 _i = Ri - Ti [lbs] or [kg]
Nose wheel	R _{nose} = 75,7	T _{nose} = 0	NW _{nose} = 75,7
Left wheel	R _{left} = 139,2	T _{left} = 0	NW _{left} = 139,2
Right wheel	R _{right} = 132,4	T _{right} = 0	NW _{right} = 132,4

Distance Supports	a = 776 mm		
	b = 559 mm		

Total Weight [lbs] or [kg]	
TW = NW _{nose} + NW _{left} + NW _{right}	TW = 347,3

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. = 268

C.G. Position [% MAC]	
$\overline{C.G.} = \frac{C.G. [in] \text{ or } [mm]}{MAC [in] \text{ or } [mm]} \times 100$	$\overline{C.G.} [\% MAC] = \mathbf{21,44}$

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

EVEKTOR - AEROTECHNIK a.s.

Carried out by : L. Zálešák	Signature :	Date : 24.11.2016
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IČ: 255 60 280

Masse et centrage Sportstar F-HATF

Masse max décollage / roulage / atterrissage = 600kg

Bagages max = 25 kg

Items	Litres	Poids (kg)	Bras (m)	Moment (mkg)
A vide		348	0,268	93,264
Pilote AV 1		85	0,545	46,325
Pilote AV 2		85	0,545	46,325
Bagages		5	1,083	5,415
Sans carburant		523	0,366	191,329
Carburant	90	65	0,680	44,064
Décollage		588	0,400	235,393
Délestage	50	36	0,680	24,480
Atterrissage		552	0,382	210,913

