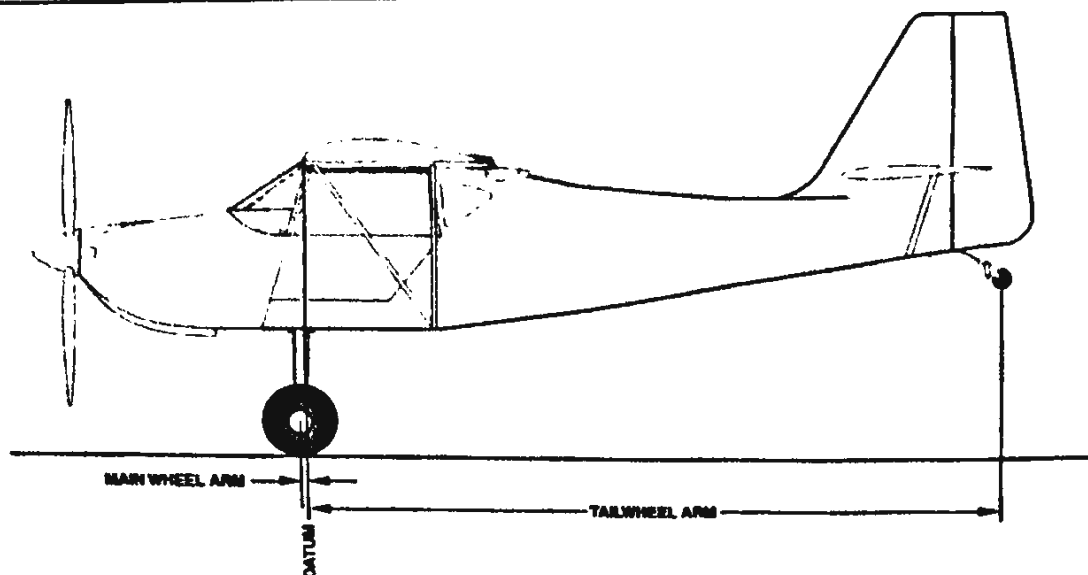


WEIGHT & BALANCE DATA for KITFOX SUPER SPORT N27JE, s/n KA09097157



Reference Datum: Inboard leading edge of wing **Leveling Means:** Level on longitudinal floor tubing below the cabin

Maximum Gross Weight: 1,550 lbs.

Mean Aerodynamic Chord: 51.1 in.

Flight CG Limits: Forward: Sta. 9.5 Aft: Sta. 16.0

Empty Aircraft CG Data	Date: 8/3/18		
Weighing Point	Weight (lbs) x	Arm (in) =	Moment (in-lbs)
Right Main Wheel	382	-2.0	-764.0
Left Main Wheel	378	-2.0	-756.0
Tailwheel	59	162.4	9,581.6
Total:	819		8,061.6
Moment ÷ Weight = Empty Weight CG =			9.843

Loaded Aircraft CG	Most Adverse Forward			Most Adverse Aft		
Component	Weight (lbs) x Arm (in) = Moment (in-lbs)			Weight (lbs) x Arm (in) = Moment (in-lbs)		
Aircraft – Empty	819	9.843	8,061.4	819	9.843	8,061.4
Pilot	170	18.3	3,111	180	18.3	3,294
Passenger	0	18.3	0	180	18.3	3,294
Fuel	19.05 (3 gal)	16.5	314.33	171.45 (27 gal)	16.5	2,828.93
Cargo	0	46.9	0	130	46.9	6,097
Total:	1,008.05		11,486.73	1,480.45		23,575.33
Moment + Weight = CG	Most Forward CG =		11.4	Most Aft CG =		15.9

Note: 91 octane unleaded, ethanol-free auto fuel weighs approximately 6.35 lbs/gal. 100LL, approximately 6 lbs/gal.

Signature John R. Zimm Date 8/3/18