

WEIGHT AND BALANCE REPORT

Make:Wright
Engine

Model:Sonex
AeroVee 80hp

Serial #: 1153
Serial #: 512

Registration Number: N360GS

Length	18.08	ft	
Wing Span	22	ft	
Wing Area	98	sq ft	
Fuel Capacity	16	US Gall	
Design Limits	+6 / -3	g @ 950lb	
Stall Speed	34.8	KIAS	40 mph
Never Exceed (Vne)	171.2	KIAS	197 mph

	Utility	Aerobatic
Maximim Gross Weight:	1100	950

Utility						
Make Entries Here for Charting for both Utility and Aerobatic						
MOST ADVERSE FORWARD CG				MOST ADVERSE AFT CG		
Item	Weight (lbs)	Arm (in)	Moment	Weight (lbs)	Arm (in)	Moment
Aircraft Empty	633.4	63.9	41001.02	633.4	63.9	41001.02
Pilot	210	76.9	16149	210	76.9	16149
Passenger	0	76.9	0	0	76.9	0
Fuel	96	45.75	4392	12	45.75	549
Baggage (max 40 lbs)	10	102	1020	10	102	1020
TOTAL	949.4		62562.02	865.4		58719.02

Moment Envelope

