

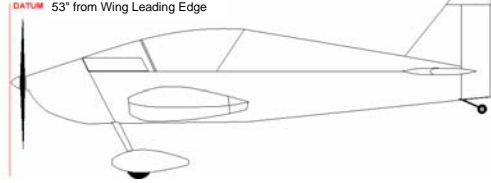
# Weight and Balance Report

Christopher C. Smith  
45 Eagle Harbor Trail  
Palm Coast, FL 32164

**Make:** Smith      **Model:** Cleanex      **Serial #:** 1002      **Registration #:** N694CS

Datum: 53" forward of wing average leading edge  
Aircraft leveled by placing bubble level on top fuselage longitudinal at cabin

Maximum Gross Weight: 1250 lbs      Forward CG Limit: **63.8"**      (20% MAC)  
Maximum Acro Weight: 950 lbs      Aft CG Limit: **70.3"**      (32% MAC)  
Acro CG Limits: **65.4"-68.7"**      (23-29% MAC)



EMPTY WEIGHT			Wt. X Arm
Weighing Point	Weight (lbs)	Arm (in)	Moment
Right Main	353	55.2	19471.5
Left Main	349	55.2	19251.7
Tail Wheel	40	216.7	8666.2
Equipment added or removed after weighing aircraft:			0.0
			0.0
			0.0
TOTAL	742		47389.4
MOMENT / WEIGHT = EMPTY WEIGHT CG (in)			<b>63.9</b>

**Installed Equipment**

ELT  
EIS E1  
EFIS Flight 2  
GF-1  
Airpath Compass

**Utility Category**  
Gross- 1250 pounds  
G loading- +3.8 / -1.8

**Aerobatic Category**  
Gross- 950 pounds  
G loading- +6.0 / -3.0

Item	MOST ADVERSE FORWARD CG		
	Weight (lbs)	Arm (in)	Moment
Aircraft Empty	742	63.9	47389.4
Pilot	<b>135</b>	76.9	10381.5
Passenger	<b>0</b>	76.9	0.0
Fuel	<b>102</b>	45.8	4666.5
Baggage (max 40 lbs)		102.0	0.0
TOTAL	979		62437.4
MOMENT/WEIGHT	Most Foreword CG		<b>63.8</b>
	% MAC:		20.0
	Limit:		63.8

Item	MOST ADVERSE AFT CG		
	Weight (lbs)	Arm (in)	Moment
Aircraft Empty	742	63.9	47389.4
Pilot	<b>234</b>	76.9	17994.6
Passenger	<b>234</b>	76.9	17994.6
Fuel	<b>0</b>	45.8	0.0
Baggage (max 40 lbs)	<b>40</b>	102.0	4080.0
TOTAL	1250		87458.6
MOMENT/WEIGHT	Most Aft CG		<b>70.0</b>
	% MAC:		31.4
	Limit:		70.3

SIGNATURE      Christopher C. Smith

DATE      June 12, 2007