

Weight and Balance Report

July 11, 2003

C-GIYS

8KCAB Decathlon

American Champion

S/N 69-73

PERMISSABLE LIMITS

Gross Weight	Normal Category	1800
	Acrobatic Category	1800
Center of Gravity	Normal Category	(+13.5) to (+21.0) at 1800 lbs
		(+11.5) to (+21.0) at 1550 lbs or less
	Acrobatic Category	(+13.5) to (+18.5) at 1800 lbs
		(+11.5) to (+18.5) at 1550 lbs or less

Information from Type certificate No. A21CE

DATUM LOCATION

Leading edge of wing

WEIGHING CONDITIONS

Aircraft weighed at Stoney Creek airport in a closed hangar, in a level flight attitude with full fuel, and engine oil. Using calibrated scales from Every Scales Ltd.

4 x 4 floor scale, s/n B38472-13 with 758 head, s/n E28600-003z
4 x 4 floor scale, s/n B45314-9 with 758 head, s/n E28600-0020
4 x 4 floor scale, s/n B44392 with 708 head, s/n E02901-0013

SCALE READINGS

	Weight	Arm	Moment
Left scale	664	1.5	996
Right scale	662	1.5	993
Tail	94	196.25	184447.5
	1420	14.39	20436.5

Aircraft as weighed	1420		20436.5
Less usable fuel A/c weighed with 1/2 tanks	120	+26	3120
TOTAL:	1300	+13.32	17316.5
New Aircraft empty weight	= 1300		
New Center of Gravity	= 13.32		

I certify that this data has been prepared in accordance with the Aircraft Type Specifications and to the best of my knowledge represents the true empty weight and center of gravity of this aircraft.

Date: July 11/03 Signature:  Lic: 13553187
AMU 96.02