

Report

# Weight and Balance Report

N106DS  
SZD 51-1 Junior  
S/N B1840  
Datum is leading edge of wing



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Conditions of Weighing:

Aircraft level at Leading and Trailing Edge of Wing

Glider is within specification for minimum and maximum empty weight, Tech. Serv. Manual pg. 5  
Glider is within specification for C.G. At 520 lbs., Tech. Serv. Manual pg. 75

Longitudinal CG		
Station (inches)	Weight (lbs.)	Moment (inch-lbs)
Main 11.5	462	5313
Tail 158.0	58	9164
<b>Empty CG:</b> 27.8	<b>Empty Weight</b> 520	<b>Empty Moment:</b> 14477

Max Gross Weight **840 lbs\***

\*Observe Maximum Loading limits as depicted on page 55 of the Flight Manual, attached here.

Empty Weight **520 lbs**

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