

POWERED PARACHUTE WEIGHT AND LOADING

Make: Destiny Powered Parachute

Year: 2003

Model: Destiny 2000

Serial #: xxxxxx

Registration #: NXXXXX

Empty Weight: 390 lbs.

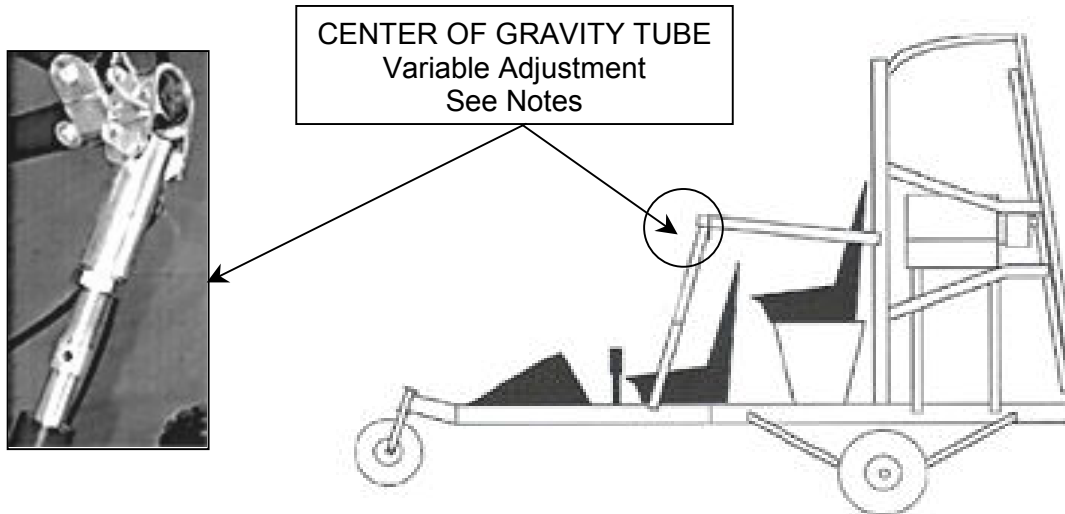
Gross Weight: 890 lbs.

Canopy Max. Gross Weight: 825 lbs.

Canopy Make: Cimsa

Model: Silk 500

Useful load including gas and oil: 435 lbs.



FRONT SEAT LOADING based on Variable Adjustment:

Front Seat Weight (lbs.)		Center of Gravity Tube Lengths (in.)
Min.	Max.	
150	170	55 - Most Rearward Adjustment Point
170	195	54
195	220	53
220	240	52
240	260	51
260	280	50 - Most Forward Adjustment Point

Flight Test Adjustment Point = 55 in., Front Seat Weight = 160 lbs.

Notes:

□ **Empty Weight** – The total weight of the complete airframe, engine, parachute and all permanently installed accessories and equipment. Includes unusable fuel and oil.

□ **Gross Weight** – The maximum authorized weight of the aircraft and all of its equipment as specified by the manufacture. Note: Typically Gross (maximum) weight is specified by the canopy manufacturer for the particular canopy being used. The lower (gross weight) number of the two must be used.

□ **Variable Adjustment** – The Center of Gravity Tubes each consist of the lower tube and the adjuster. The adjuster is similar to a turnbuckle and turning the shaft results in shortening or lengthening the entire Center of Gravity Tube. This is used to maintain the desired thrust angle, carriage angle in flight and nose gear position on takeoff and landing. Passenger and gas tank positions are inline with center of gravity, thus have no effect center of gravity adjustments.