

# 8BG

GROB G 103A  
Twin II Acro  
N228BG  
Serial No.  
33995-K-228

This graph is  
Based on the  
weighing,  
and the  
Weight &  
Balance  
calculations  
performed on  
30 June 2011

E.W. = 915.0 lbs.  
EWCG = +29.85  
Useful Load = 364 lbs.  
Minimum Front seat  
weight for solo = 170 lbs.

**FWD CG  
Limit  
(+10.24")**

**Front Seat -  
242 lbs. maximum**

**Front Seat -  
154 lbs. minimum**

**AFT CG Limit - (+18.1")**

**Max Gross Weight Limit - (1279 lbs.)**

**Rear Seat -  
242 lbs. maximum**

Note: This becomes  
the Gross Weight  
Limit Line when the  
O<sub>2</sub> bottle is removed

The two steel 13 lb. trim  
weights may be used to  
compensate for low front  
seat weights. 1 trim  
weight allows a 16 lb.  
reduction in the actual  
weight in the front seat -  
2 steel weights allow for  
a 33 lb. reduction. Use of  
the specially fabricated  
8 lb. lead plate allows for  
an additional 10 lb.  
reduction in the front  
seat weight

**Maximum Pilot Weight, either seat, is 242 lbs. (Note:  
The Flight Manual identifies this as a structural  
limitation, rather than a CG limitation.)**

**Minimum Front Seat Pilot  
Weight, for all flight,  
(according to the POH) is  
154 lbs. (See separate note  
page on this subject.)**

**Rear Seat Weight - (Pilot + Parachute)**

Front Seat Weight - (Pilot + Parachute)

50 100 150 200 250 300