

WEIGHT & BALANCE RECORD: N17918, SGS-1-26E, S/N: 558

Datum: Wing leading edge at root (Fuselage Sta. 58.37)

In-flight CG Limits: 15.6" to 20.0" aft of Datum

Leveling Means: Longeron between stations 74 and 90.

Maximum Weight: 700 lbs.

Empty Weight: 493.50

Note: Aircraft weighed with no cushions, oxygen, battery, or radio on 9/12/03

All weights are in pounds and arms are in inches.

	WEIGHT	ARM	MOMENT	CG
TAIL WHEEL	17.00	177.00	3009.00	
MAIN WHEEL	473.00	23.00	10879.00	
Installed O2 bottle mount 2-13-09	1.00	23.00	23.00	
Installed O₂ bottle (AL-113) 2-13-09	<u>2.50</u>	23.00	<u>57.50</u>	
TOTAL	493.50		13968.50	28.30
FORWARD LIMIT CHECK				
AIRCRAFT EW	493.50		13968.50	
Maximum Cockpit Load	<u>206.50</u>	-4.40	<u>-908.60</u>	
TOTAL	700.00		13059.90	18.66
REARWARD LIMIT CHECK				
AIRCRAFT EW	493.50		13968.50	
PILOT w/chute	<u>168.00</u>	-4.40	<u>-739.20</u>	
TOTAL	661.50		<u>13229.30</u>	20.00
Minimum pilot, parachute, and cushions we	168.00			
Maximum pilot, parachute, and cushions we	206.50			


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"Revised on February 13, 2009"

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EQUIPMENT LIST: N17918, Model:SGS 1-2E, S/N:558

Installed	Removed	DATE	ITEM	MAKE/MODEL	PART #	SERIAL #	WEIGHT LBS (Kg)	ARM INCHES
								-24.37
								-24.37
		*9/12/03	Altimeter					-24.37
		*9/12/03	Airspeed Indicator					-24.37
		*9/12/03	variometer	Winter (mechanical)				-24.37
		*9/12/03	Compass				1.00	23
2/13/2009			Oxygen Bottle Mount	AL-113			2.50	23
2/13/2009			Oxygen Bottle	AL-113				

* Item in A/C during W&B on date shown
Note: Arms are in inches from datum, add 58.37 for fuselage station.

REVISION DATE: 2/13/09

By Christian Klux 

A & P #534489926, IA

