

Center of Gravity Computations
SGS 1-26 N7712S S/N 412
2-Jan-07

LIMITS **MAX GROSS WEIGHT= 700 lbs**
FORWARD CG = 73.97 in
AFT CG = 78.37 in

Basic Aircraft Equip: RBC2 Battery, Becker 4201 transceiver, LX-16 variometer, Winter variometer, empty ballast holder, airspeed indicator, compass, altimeter, seat cushions

	Weight (lbs)			
Optional equipment:	ballast	22		
	oxygen tank	4		
Pre calculated limits	No ballast, No oxygen tank		Max Pilot	Min Pilot
	No ballast, 4 lb oxygen tank		210	169
	22 lbs ballast, No oxygen tank		206	170
	22 lbs ballast, 4 lb oxygen tank		188	121
			184	121

	Weight lbs	Station in	Moment in-lbs	
Basic Aircraft	490	86.78	42,521	
Pilot		53.97		Weight x Station = Moment
Ballast		24.35		Weight x Station = Moment
Oxygen tank		81.85		Weight x Station = Moment
Totals				Total Moment / Total Weight = CG

