

Cape Avionics Inc.
 Regional Airport 169 Cadmium Ln
 Cape Girardeau MO 63701

EQUIPMENT LIST &
 WEIGHT AND BALANCE CHANGES DATED: 7/7/2004

AIRCRAFT MAKE: Grumman MODEL: AA5B REG N81088 SERIAL NO. AA5B0425

ITEM	IN	OUT	WEIGHT	ARM	MOMENT
Previous aircraft empty weight			1434.02	83.58	119854.79
King KT76A		X	-3.21	-65.24	-209.42
Garmin GTX330 transponder	X		4.20	65.00	273.00
Garmin GCF 314-01 avionics fan		X	1.40	66.00	79.20
S-TEC ST901 GPSS converter/switch		X	0.3	61	18.3
TOTAL			1436.70		120105.87

$$\frac{120105.87}{\text{(Total moment)}} \quad \text{DIVIDED BY} \quad \frac{1436.70}{\text{(Total weight)}} \quad \text{EQUALS} \quad \frac{83.5984}{\text{(New CG)}}$$

The new empty weight is 1436.7 pounds.
 The new empty center of gravity is 29.96 inches AFT of the datum.
 The new useful load is 963.3 pounds at 2400 pounds gross weight.
 See Aircraft Flight Manual for center of gravity limits.