This sheet contains the ground cal information for COBRA. The pre-mission cal corresponds to the gas used in flight on 000728. Note that auxilliary reference bottles were not used on this flight. The post-mission cal corresponds to flights on 000824. The auxilliary reference gas was used that day. Separate ground calibrations of the gas deck reference bottle and the auxilliary bottles showed no difference (this info is in the database file gserevb.xls).

(NOAA SCALE)

COBRA PRE-MISSION CAL

7/19/2000	H1901	-285.638	347.4014
7/19/2000	H2438	1429.653	392.8038
7/19/2000	H4710	778.4625	375.2601
7/19/2000	H3564	427.325	365.9561

COBRA POST-MISSION CAL

11/1/2000	H1901	-291.95	347.3
11/1/2000	H2438	1429.618	392.8002
11/1/2000	H4710	790.395	375.6126
11/1/2000	H3564	425.7417	365.9629

GROUND CALS

	PRE-MISSION					POST-MISSION				
	co2	mV	mV^2	calc'd	resid	co2	mV	mV^2	calc'd	resid
lo	347.4014	-285.638	81588.78	347.4014	0	347.3	-291.95	85234.8	347.3	0
hi	392.8038	1429.653	2043906	392.8038	0	392.8002	1429.618	2043809	392.8002	0
ref	375.2601	778.4625	606003.9	375.2601	0	375.6126	790.395	624724.3	375.6126	0
lo	347.4014	-285.638	81588.78	347.4014	0	347.3	-291.95	85234.8	347.3	0
hi	392.8038	1429.653	2043906	392.8038	0	392.8002	1429.618	2043809	392.8002	0
ref	375.2601	778.4625	606003.9	375.2601	0	375.6126	790.395	624724.3	375.6126	0
pri	365.9561	427.325	182606.7	365.9561	0	365.9629	425.7417	181256	365.9629	0

FLIGHT CALS:

S.val 000728 347.40 375.26 392.80 365.96

S.val 000824 347.3 375.59 392.80 365.96 6 3 1

In-flight cals:

000728	**000824**
365.80	366.20
365.86	365.88
365.84	366.01
	366.02
	366.02
	366.01
365.83	**366.03**
0.026363	**0.094156**

DIFF GSE -0.12 0.06