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APPENDIX A

PROGRAMMED LANDLINE MEASUREMENTS

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	<u>ACCURACY % FULL SCALE</u>
SL0002	STATIC PRESS @ L7,E	14 TO 16PSIA	7.0
SL0003	STATIC PRESS @ L7,C	14 TO 16PSIA	7.0
SL0004	STATIC PRESS @ L7,A	14 TO 16PSIA	7.0
SL0005	STATIC PRESS @ L4,D	14 TO 16PSIA	7.0
SL0006	STATIC PRESS @ L4,C	14 TO 16PSIA	7.0
SL0007	STATIC PRESS @ L4,B	14 TO 16PSIA	7.0
SL0008	STATIC PRESS @ L3,E	14 TO 16PSIA	7.0
SL0009	STATIC PRESS @ L3,A	14 TO 16PSIA	7.0
SL0010	STATIC PRESS @ L1,C	14 TO 16PSIA	7.0
SL0011	TOTAL GAS TEMP PROBE @ L7,E	0 TO 4200DF	7.0
SL0012	TOTAL GAS TEMP PROBE @ L7,C	0 TO 4200DF	7.0
SL0013	TOTAL GAS TEMP PROBE @ L7,A	0 TO 4200DF	7.0
SL0014	TOTAL GAS TEMP PROBE @ L6,C	0 TO 4200DF	7.0
SL0015	TOTAL GAS TEMP PROBE @ L5,E	0 TO 4200DF	7.0
SL0016	TOTAL GAS TEMP PROBE @ L5,D	0 TO 4200DF	7.0
SL0017	TOTAL GAS TEMP PROBE @ L5,B	0 TO 4200DF	7.0
SL0018	TOTAL GAS TEMP PROBE @ L5,A	0 TO 4200DF	7.0

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	<u>ACCURACY % FULL SCALE</u>
SL0019	TOTAL GAS TEMP PROBE @ L4,C	0 TO 4200DF	7.0
SL0020	TOTAL GAS TEMP PROBE @ L3,E	0 TO 4200DF	7.0
SL0021	TOTAL GAS TEMP PROBE @ L3,D	0 TO 4200DF	7.0
SL0022	TOTAL GAS TEMP PROBE @ L3,B	0 TO 4200DF	7.0
SL0023	TOTAL GAS TEMP PROBE @ L3,A	0 TO 4200DF	7.0
SL0024	TOTAL GAS TEMP PROBE @ L2,C	0 TO 4200DF	7.0
SL0025	TOTAL TEMP GAS PROBE @ L1,C	0 TO 4200DF	7.0
SL0026	DIFF PRESS @ L7,E	0 TO 3 PSID	7.0
SL0027	DIFF PRESS @ L7,D	0 TO 3 PSID	7.0
SL0028	DIFF PRESS @ L7,C	0 TO 3 PSID	7.0
SL0029	DIFF PRESS @ L7,B	0 TO 3 PSID	7.0
SL0030	DIFF PRESS @ L7,A	0 TO 3 PSID	7.0
SL0031	DIFF PRESS @ L6,E	0 TO 3 PSID	7.0
SL0032	DIFF PRESS @ L6,D	0 TO 3 PSID	7.0
SL0033	DIFF PRESS @ L6,C	0 TO 3 PSID	7.0
SL0034	DIFF PRESS @ L6,B	0 TO 3 PSID	7.0
SL0035	DIFF PRESS @ L6,A	0 TO 5 PSID	7.0

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MEAS. NO. FUNCTION RANGE ACCURACY %
FULL SCALE

SL0036	DIFF PRESS @ L5,E	0 TO 3 PSID	7.0
SL0037	DIFF PRESS @ L5,D	0 TO 3 PSID	7.0
SL0038	DIFF PRESS @ L5,C	0 TO 3 PSID	7.0
SL0039	DIFF PRESS @ L5,B	0 TO 3 PSID	7.0
SL0040	DIFF PRESS @ L5,A	0 TO 3 PSID	7.0
SL0041	DIFF PRESS @ L4,E	0 TO 3 PSID	7.0
SL0042	DIFF PRESS @ L4,D	0 TO 3 PSID	7.0
SL0043	DIFF PRESS @ L4,C	0 TO 3 PSID	7.0
SL0044	DIFF PRESS @ L4,B	0 TO 3 PSID	7.0
SL0045	DIFF PRESS @ L4,A	0 TO 3 PSID	7.0
SL0046	DIFF PRESS @ L3,E	0 TO 3 PSID	7.0
SL0047	DIFF PRESS @ L3,D	0 TO 3 PSID	7.0
SL0048	DIFF PRESS @ L3,C	0 TO 3 PSID	7.0
SL0049	DIFF PRESS @ L3,B	0 TO 3 PSID	7.0
SL0050	DIFF PRESS @ L3,A	0 TO 3 PSID	7.0
SL0051	DIFF PRESS @ L2,D	0 TO 3 PSID	7.0
SL0052	DIFF PRESS @ L2,C	0 TO 3 PSID	7.0

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	<u>ACCURACY % FULL SCALE</u>
SL0053	DIFF PRESS @ L2,B	0 TO 3 PSID	7.0
SL0054	DIFF PRESS @ L1,C	0 TO 3 PSID	7.0
SL0055	TOTAL PRESS @ R4,B	15 TO 20 PSIA	7.0
SL0056	TOTAL PRESS @ R1,B	15 TO 20 PSIA	7.0
SL0057	SPL EQUIP 1 @ AIR COND UNIT	110 TO 160DB	7.0
SL0058	SPL EQUIP 2 @ ELEC JCT BOX	110 TO 160DB	7.0
SL0059	SPL EQUIP 5 @ HYDRAULIC PUMP UNIT	120 TO 170DB	7.0
SL0060	SPL EQUIP 6 @ N2 START VALVE	120 TO 170DB	7.0
SL0075	TEMP SILO WLL NEAR STGI ENG STA E-O	0 TO 1100DF	5.0
SL0076	PRESS SILO WLL STA1000 65DEG LFT TRG	10 TO 20PSIA	7.0
SL0080	PRESS SILO WLL STA438 65DEG LFT TRGT	10 TO 20PSIA	7.0
SL0081	PRESS SILO WLL STA130 65DEG LFT TRGT	10 TO 20PSIA	7.0
SL0086	LAUNCH BOLT FIRE SIGNAL TIME	28VDC ON-OFF	
SL0087	GGVS-1 AT /1/ TCVPSVPV	28VDC RETURN	
SL0088	GGVS-2 AT /2/ TCVPSVPV	28VDC RETURN	
SL0089	TCPS-1 /77% THRUST SIGNAL/	28VDC RETURN	
SL0090	TCVS-3-2 /SIG FRM M-S IND 65% OPEN/	28VDC RETURN	

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>
SL0091	TCVS-3-1 /SIG FRM M-S IND 65% OPEN/	28VDC RETURN
SL0092	TCPS-2 /77% THRUST SIGNAL/	28VDC RETURN
SL0093	PRESSURIZE FUEL TANKS	28VDC
SL0094	MSLE TANKS PRESSURIZED	28VDC
SL0095	GG IGN 1/MON@ECS,ENER SIG TO GG IGN/	28VDC
SL0096	GGVPV AT ECS-/O/	28VDC
SL0097	THRUST-CHM IGN FOR SUBASSY 1	28VDC
SL0098	PROGRAM RESET MONITOR	0 TO 28VDC
SL0099	BLEED LOX TANK	28VDC
SL0100	START HYDRAULICS	28VDC
SL0101	87FS1, FROM L.S./FIRE ENGINES/	28VDC
SL0102	ECS NO GO	28VDC
SL0103	ECS GO	28VDC
SL0104	LIFT OFF SIG /SIG FRM LIFT OFF SW/	28VDC
SL0105	START MISSILE RELEASE	28VDC
SL0106	/1&2/ GGOPV	28VDC
SL0107	HOLD FIRE /ECS/	28VDC

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ACCURACY %
FULL SCALE

<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	
SL0108	/1&2/ OSBVPV	28VDC	
SL0109	CHECK LOX FILL DISCONNECT	28VDC	
SL0110	GGVPV /CLOSING SIG TO SOLENOID/	28VDC	
SL0111	SHUTDOWN /LS//ITEM 228 DOC SR60-11/	28VDC	
SL0112	GG IGN 2 MON@ECS ENER SIG TO GG IGN/	28VDC	
SL0113	THRUST CHM IGN FOR SUBASSY /2/	28VDC	
SL3000	VIB RF GYRO GD BY STA119WL80BL12L LG	30G/-30G	10.
SL3002	VIB RF GYRO GD BY STA119WL80BL12L VR	30G/-30G	10.
SL3003	VIB BST ENG LNG STA968WL65VL60L LNG	200G/-200G	10.
SL3004	VIB BST ENG LNG STA968WL65BL60L LAT	200G/-200G	10.
SL3005	VIB BST ENG LNG STA995WL95BL35L VER	200G/-200G	10.
SL3006	VIB RT GYR TR SC STA484WL70BL55R LON	100G/-100G	10.
SL3008	VIB RT GYRO TR SC STA484WL70BL55R VR	100G/-100G	10.
SL3011	SPL BT ENG @ VIB ACC STA995WL110BL35L	130 TO 170DB	10.
SL3012	RAD CALMETER STA E-45.6 WL60 BL57 LF	0-500DF	5.0
SL3013	RAD CALMETER STA E-45.6 WL3 BL0	0-500DF	5.0
SL3014	CONVECT PROBE STA E-45.6 WL3 BL0	0-500DF	5.0

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	<u>ACCURACY % FULL SCALE</u>
SL3015	CONVECT PRB STA E-45.6 WL60.6BL57 LF	0-500DF	5.0
SL3016	ACCELERATION NOSE CONE PITCH	0.5G/-0.5G	5.0
SL3017	ACCELERATION NOSE YAW	0.5G/-0.5G	5.0
SL3076	PRESS FUEL PUMP DISCHARGE ENG NO 1	0 TO 1250PSIA	8.0
SL3077	PRESS LOX PUMP DISCHARGE ENG NO 1	0 TO 1000PSIA	8.0
SL3078	PRESS FUEL PUMP DISCHARGE ENG NO 2	0 TO 1250PSIA	8.0
SL3079	PRESS LOX PUMP DISCHARGE ENG NO 2	0 TO 1000PSIA	8.0
SL3095	PRESS LOX SUCTION ENG NO 1	0 TO 100PSIA	8.0
SL3096	PRESS LOX SUCTION ENG NO 2	0 TO 100PSIA	8.0
SL3104	TEMP TURBINE INLET ENG NO 1	0 TO 2000DF	5.0
SL3105	TEMP TURBINE INLET ENG NO 2	0 TO 2000DF	5.0
SL3143	BSE PRS STI FL TNK DM STEO YAW PLANE	10 TO 17PSIA	3.0
SL3144	BSE PRS STI FL TNK DM STAE0 PT PLANE	10 TO 17PSIA	3.0
SL3165	ACCELERATION NOSE CONE LONGITUDINAL	2G/-2G	5.0
SL3341	FIRE DET LUBE OIL H.E. OUT-ENG NO1	-30 TO 700D	8.0
SL3342	FIRE DET LUBE OIL H.E. OUT-ENG NO2	-30 TO 700DF	8.0
SL3343	FIRE DET 5TH PNT ATTAC STI	-30 TO 700DF	8.0

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<u>MEAS. NO.</u>	<u>FUNCTION</u>	<u>RANGE</u>	<u>ACCURACY % FULL SCALE</u>
SL3431	AC VOLTS SINEWAVE INVERTER-SILO ENVI.	350PK TO PK 1.	3.0
SL3485	SPL G/B AREA STA119W125BLO	115/165DB	
SL3486	SPL STG 1 TRANS.AREA STA486WLOBLO	120/165DB	
SL3487	SPL STG 1 BET TANKS STA796WLOBLO	120/165DB	
SL3488	SPL R. S. COMPARTMENT STA241WLOBLO	120/165DB	
SLVF10	LIFT OFF SW. NO.1 CHATTER	0 TO 28VDC	
SLVF11	LIFT OFF SW. NO.2 CHATTER	0 TO 28VDC	
SLVF13	STG I LOX TANK NORM. SW. N/O	0 TO 28VDC	
SLVF14	STG I FUEL TANK NORM. SW. N/O	0 TO 28VDC	
SLVF15	STG I FUEL VALVE CLOSED	0 TO 28VDC	
SLVF16	STG I HE ACCUM. NORM. SW. N/O	0 TO 28VDC	
SLVF17	STG II HE ACCUM. OVERPRESS SW	0 TO 28VDC	
SLVF18	STG I HE SPHERE NORM. SW. N/O	0 TO 28VDC	
SLVF19	STG I HE SPHERE OVERPRESS SW.	0 TO 28VDC	
SLVF20	GGXNV/TPAXV	0 TO 28VDC	
SLVF24	LAUNCH SEQUENCER HOLD FIRE	0 TO 28VDC	

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