

TO: *Bisbie* D/ 8/8 ZK ~~SA~~ 88
 Return to Apollo Technical Services,
 ZK 25, D/311, If No Longer Required.

G14-981168

FUNCTIONAL UNIT SCHEMATIC

A14-052, HEATER POWER SUPPLY, FUEL
 CELL AND CRYOGENIC GAS STORAGE SYSTEM

DOCUMENT VALIDATION
 EXPIRATION DATE
 APR 11 1969
 APOLLO/CSM TECH. SVS.
 LAUNCH OPERATIONS

DR BY	R. MORGAN <i>RM</i> 2/15/66	NORTH AMERICAN AVIATION, INC. SPACE and INFORMATION SYSTEMS DIVISION 12214 LAKEWOOD BLVD., DOWNEY, CALIFORNIA		
CHK BY	692-704	1031/2	FUNCTIONAL UNIT SCHEMATIC A14-052	
APPROVED BY				
H. Yamamoto	<i>H. Yamamoto</i>			
<i>L. W. Daugherty</i> 2-15-66		CODE IDENT NO. 03953	SIZE A	G14-981168
<i>J. Novak</i> 2/22/66		SCALE	<i>B</i>	SHEET 1 OF 8

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A14-052	CODE IDENT NO. 03953	SIZE A	G14-981168	
	SCALE	<i>B</i>		SHEET 2

CURRENT SHEET LIST

SHEET NUMBERS ACTIVE AT:

INITIAL RELEASE	REV. "A"	REV. "B"	REV. "C"	REV. "D"		
1	A1A	1B				
2	A2A	2B				
3	A3A	3B				
4	A4A	4B				
5	A5A	5B				
6	A6A	6B				
7	A7A	7B				
7.1	A7.1A	7.1B				
8	8	8				
TOTAL SHEETS						
A14-052	CODE IDENT NO. 03953		SIZE A	G14-981168		
	SCALE		<i>B</i>		SHEET 3	

REVISIONS						
SYM	DESCRIPTION				DATE	APPROVED
A	1. MAY BE REWORKED 3. RECORD CHANGE 2. CANNOT BE REWORKED 4. NOW SHOP PRACTICE 5. PARTS MADE OK				DISPOS	
	Added ACE Stimuli & Measure No.'s KC7000 KC7001 KC7010 GC5000 V GC5006 V GC5012 C KC7002 KC7013 GC5001 V GC5007 V GC5013 V KC7003 KC7014 GC5002 V GC5008 V GC5014 C KC7004 KC7015 GC5003 V GC5009 C GC5015 C KC7005 KC7016 GC5004 V GC5010 C GC5016 C KC7006 KC7019 GC5005 V GC5011 C GC5017 C KC7007 KC7020 GC5018 X KC7008 KC7021 KC7009					
B	1. Added ACE Stimuli & Measure No. KC7333 GC5301V GC5305X KC7334 GC5302X GC5306X KC7455 GC5303X KC7456 GC5304X 2. Added Circuit to AllK2 & A8K1 in Zone 19. INCORPORATED INFO PER EOM698189 & EOM698190.					MCR A9532 EOM 691889 R. JONES
16 APR 1969 RELEASE						
A14-052		CODE IDENT NO. 03953	SIZE A	G14-981168		
		SCALE	B		SHEET 4	

SOURCE DATA

DRAWING NO. AND E.O.'s	REV	TITLE
MA 0201-0351	A	A14-052 PROCESS SPECIFICATION
MA 0201-3904	A	A14-052-101 PROCESS SPECIFICATION
G17-982130	A	SCHEMATIC DIAGRAM, F/C 1, 2, 3, HEATER POWER SUPPLY
G17-982129	B	INTERCONNECTING DIAGRAM, HEATER POWER SUPPLY, A14-052
G17-982131	NC	SCHEMATIC DIAGRAM, CRYOGENIC TANK HEATER POWER SUPPLY
G17-982132	NC	SCHEMATIC DIAGRAM, POWER CONTROL PANEL, HEATER POWER SUPPLY
G17-820145	NC	CABLE ASSEMBLY, INTERCONNECTING
G17-820146	NC	CABLE ASSEMBLY, INTERCONNECTING
G17-820159	B	TERMINAL BOARD ASSEMBLY, HEATER POWER SUPPLY
G17-820193	A	TERMINAL BOARD ASSEMBLY #2, HEATER POWER SUPPLY
G17-985113	A	INTERCONNECTING DIAGRAM, HEATER POWER SUPPLY, A14-052-101
G17-985114	NC	SCHEMATIC DIAGRAM, TRIMPOT PANEL, HEATER POWER SUPPLY, A14-052-101

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	SCALE	B	SHEET 5

NOTES

1. ALL RELAY CONTACTS ARE SHOWN IN THE DE-ENERGIZED POSITION.
2. THIS DRAWING REQUIRES NO IDENTIFICATION OR TRACEABILITY REQUIREMENTS.
3. THIS DRAWING DEPICTS BASIC AND -101 CONFIGURATIONS ONLY.
4. ALL SYMBOLOGY UTILIZES MIL-STD-15-1 SUPPLEMENTED BY B14-900005.
5. FOR SCHEMATIC COVERAGE OF OTHER END ITEMS REFER TO G14-900000.

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SCALE		<i>B</i>		SHEET 6





