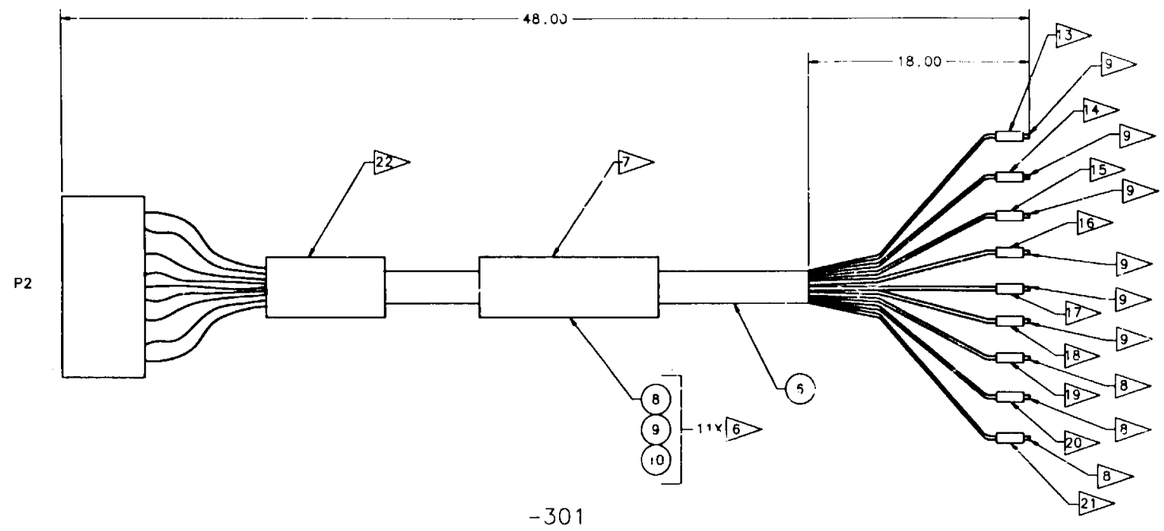

22 MARK LABEL "P2".
21 MARK LABEL "-15VDC".
20 MARK LABEL "15RTN".
19 MARK LABEL "+15VDC".
18 MARK LABEL "-12RTN".
17 MARK LABEL "-12VDC".
16 MARK LABEL "+12RTN".
15 MARK LABEL "+12VDC".
14 MARK LABEL "+5RTN".
13 MARK LABEL "+5VDC".
12 NOT USED.
11 NOT USED.
10 NOT USED.
9 STRIP 5 WIRES BACK ONE INCH AND WRAP TOGETHER AND SOLDER (ITEM 4). SEE WIRE DATA LIST, SHT2.
8 STRIP WIRE BACK ONE INCH AND SOLDER (ITEM 4).
7 MARK LABEL "AUX POWER SUPPLY OUTPUT TEST CABLE SEG38115010-301 SERNO 1XXX".
6 TYPE LABEL IDENTIFICATION AS SHOWN USING BRADY MARKER XC PLUS PRINTER AND (ITEM 8) ROLL FILM FOR CABLE MARKING, AT THE DESIRED LOCATION WRAP CABLE 2-3 TIMES WITH (ITEM 10) GLASS CLOTH TAPE PLACE (ITEM 8) ROLL FILM ON (ITEM 10) GLASS CLOTH TAPE WITH MARKINGS SHOWING AND WRAP TWICE WITH (ITEM 9) CLEAR TAPE. CUT OFF ANY EXCESS MATERIAL.
5 3M CORP, SAINT PAUL, MN.
4 BRADY CO, MILWAUKEE, WI.
3 PANDUIT CORP, TINLEY PARK, IL.
2 BENTLEY HARRIS, LYONSVILLE, PA.
1 AIRBORN CONNECTOR, ADDISON, TX.

NOTES:

6. CABLE LENGTH TOLERANCE IS ±3 INCHES.
5. ALL DIMENSIONS ARE IN INCHES.
4. FABRICATE & TEST IN ACCORDANCE WITH LS-60035.
3. SOLDER PER NAS 5300.4 (3A-2).
2. THIS ASSEMBLY CONTAINS NO FRACTURE CHRITICAL ELEMENTS.
1. INTERPRET PER JSCM 8500.
NOTES: UNLESS OTHERWISE SPECIFIED.

-301	PART NUMBER	DESCRIPTION	MATERIAL	SPECIFICATION	ITEM
AR	361-1	GLASS CLOTH TAPE		5	10
AR	800-1 1/2	TAPE, CLEAR		5	9
AR	WRCM-717-637W	CABLE MARKER	TEDLAR ROLL FILM	4	8
42	PLTIM-C76	TIE WRAP	TEFZEL	3	7
2 1/2 FT	6249002	EXPANDO SLEEVING 1/4"		2	6
2 FT	M23053/8-002-C	HEAT SHRINK TUBING 1/16"		MIL-I-23053	5
AR	63/37.025P3REL15	SOLDER		QQ-S-571	4
62 FT	M22759/22-24-9	WIRE, STRANDED 24 AWG WHITE	TFE TEFLON	MIL-W-22759	3
62 FT	M22759/22-24-0	WIRE, STRANDED 24 AWG BLACK	TFE TEFLON	MIL-W-22759	2
1	WTA30PCJTA	CONNECTOR		1	1
-	-301	CABLE ASSEMBLY			

DIMENSIONAL TOLERANCE UNLESS NOTED OTHERWISE
0 ± 1 .000 ± .010
.0 ± .03 ANGULAR ±
SURFACE FINISH IN MICROINCHES RMS UNLESS NOTED OTHERWISE √
NEXT ASSY NA

SIGNATURES	DATE
DR C. SHANNON	6/12/97
ENG [signature]	7/11/97
CH [signature]	7-9-97
APP [signature]	7/9/97
OF [signature]	7/23/97
MATL [signature]	7/1/97
STRESS [signature]	7/17/97
AUTH [signature]	7/31/97

NATIONAL AERONAUTICS & SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

TEST CABLE ASSEMBLY
AUX POWER SUPPLY OUTPUT

CODE IDENT NO. 21356 | SIZE D | DWG NO. SEG38115010
SCALE NONE | EA5 J104 | SHEET 1 OF 2

CALC WT:
PROJECT: J104-HRF-VEG
LIBRARY: NON-ASC DWGS
NAME: 38115010 dwg

EQUIP TYPE
☐ FLT HDWR
☐ OTHER (SPECIFY)
☒ APPLICABLE GSE

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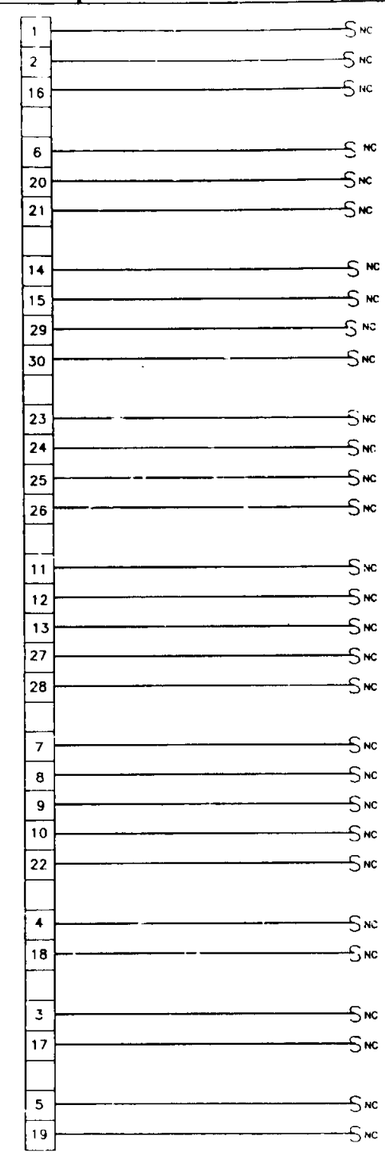
WIRE DATA LIST

SET	FUNCTION	FROM	PIN	TO	WIRE AWG	LENGTH	NOTES
1	+5VDC	P2	1	+5VDC	M22759/22-24-9	48 IN	13 9
2	+5VDC	P2	2	+5VDC	M22759/22-24-9	48 IN	
16	+5VDC	P2	16	+5VDC	M22759/22-24-9	48 IN	
6	+5RTN	P2	6	+5RTN	M22759/22-24-0	48 IN	
20	+5RTN	P2	20	+5RTN	M22759/22-24-0	48 IN	14 9
21	+5RTN	P2	21	+5RTN	M22759/22-24-0	48 IN	
14	+12VDC	P2	14	+12VDC	M22759/22-24-9	48 IN	
15	+12VDC	P2	15	+12VDC	M22759/22-24-9	48 IN	
29	+12VDC	P2	29	+12VDC	M22759/22-24-9	48 IN	15 9
30	+12VDC	P2	30	+12VDC	M22759/22-24-9	48 IN	
23	+12RTN	P2	23	+12RTN	M22759/22-24-0	48 IN	
24	+12RTN	P2	24	+12RTN	M22759/22-24-0	48 IN	16 9
25	+12RTN	P2	25	+12RTN	M22759/22-24-0	48 IN	
26	+12RTN	P2	26	+12RTN	M22759/22-24-0	48 IN	
11	-12VDC	P2	11	-12VDC	M22759/22-24-9	48 IN	
12	-12VDC	P2	12	-12VDC	M22759/22-24-9	48 IN	
13	-12VDC	P2	13	-12VDC	M22759/22-24-9	48 IN	17 9
27	-12VDC	P2	27	-12VDC	M22759/22-24-9	48 IN	
28	-12VDC	P2	28	-12VDC	M22759/22-24-9	48 IN	
7	-12RTN	P2	7	-12RTN	M22759/22-24-0	48 IN	
8	-12RTN	P2	8	-12RTN	M22759/22-24-0	48 IN	
9	-12RTN	P2	9	-12RTN	M22759/22-24-0	48 IN	18 9
10	-12RTN	P2	10	-12RTN	M22759/22-24-0	48 IN	
22	-12RTN	P2	22	-12RTN	M22759/22-24-0	48 IN	
4	+15VDC	P2	4	+15VDC	M22759/22-24-9	48 IN	19 9
18	+15VDC	P2	18	+15VDC	M22759/22-24-9	48 IN	
3	+15RTN	P2	3	+15RTN	M22759/22-24-0	48 IN	20 8
17	+15RTN	P2	17	+15RTN	M22759/22-24-0	48 IN	20 8
5	-15VDC	P2	5	-15VDC	M22759/22-24-9	48 IN	21 9
19	-15VDC	P2	19	-15VDC	M22759/22-24-9	48 IN	



WIRING DIAGRAM

CALC WT:	NEXT ASSY NA	SIGNATURES	DATE
PROJECT: J104 HRF-VEC	EQUIP TYPE	DR C. SHANNON	8/11/97
LIBRARY: NON-ASC DWGS	☐ FLIGHT HOWR	ENG	7-11-97
NAME: 38115010.dwg	☐ OTHER (SPECIFY)	GH	7-9-97
	☒ APPLICABLE GSE	APP	7-29-97
		QE	
		MATL	
		STRESS	7/11/97
		AUTH	

NATIONAL AERONAUTICS & SPACE ADMINISTRATION
LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS

TEST CABLE ASSEMBLY
AUX POWER SUPPLY OUTPUT

CODE IDENT NO.	SIZE	DWG NO.
21356	D	SEG38115010
SCALE NONE	EA5 J104	SHEET 2 OF 2

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