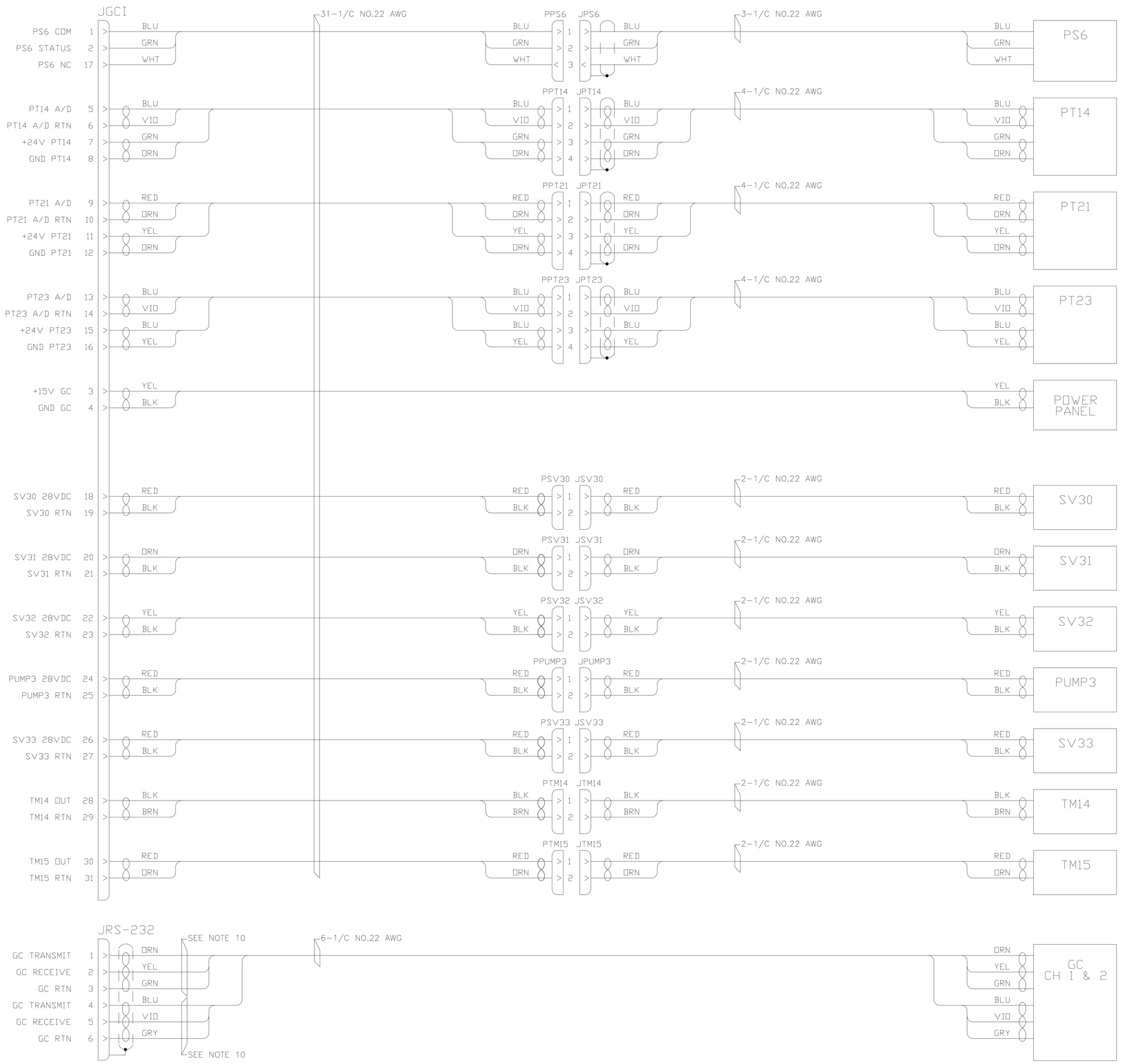

MATERIAL BLOCK

SYMBOL	MANUFACTURE TYPE	MIL-NO.
JGCI	DEUTSCH D38999-24FD35PN	MIL-C-38999 SERIES 3
JGCI PINS	M39029/58 -360	MIL-C-39029/58
JRS-232	DEUTSCH D38999-20FA35PN	MIL-C-38999 SERIES 3
JRS-232 PINS	M39029/58 -360	MIL-C-39029/58
CRIMPER	22520/2-01	
PIN POSITIONER	M22520/2-09	
PPS6		
JPS6		
PSV30 PSV31 PSV32 PSV33 PPUMP3		
JSV30 JSV31 JSV32 JSV33 JPUMP3		
PPT14 PPT21 PPT23	MICROTECH ECS-4MB10*	
JPT14 JPT21 JPT23	MICROTECH EPXM N73	
PTM14 PTM15		
PTM14 PTM15 SOCKETS		
JTM14 JTM15		
JTM14 JTM15 PINS		
NO.22 AWG WIRE	W22759/11 ** - *	MIL-W-22759/11

CABLE TIES SHALL BE IN ACCORDANCE WITH NSTS 22648 FOR FLAMMABILITY AND OUTGASSING REQUIREMENTS.

MOUNTING CLAMPS SHALL BE PANDUIT NO.MBMS-S10-C,AL SHEET PER FED SPEC QQ-A-250/2,3003 H0144 OR FABRICATED TO AL SHEET PER FED SPEC QQ-A-250/11,6061 T6.

* COLORS AS REQUIRED.
** WIRE AWG INDICATED.

1. FOR SCHEDULE OF DRAWINGS, SEE DRAWING NO. 67212EEAA000
2. FOR ASSEMBLY DRAWING, SEE DRAWING NO. 67212MELMTBD
3. FABRICATE INTERCONNECTION CABLE, HARNESSING, AND WIRING PER NASA-STD-8739.4.
4. CRIMP CONNECTIONS PER NASA-STD-8739.4 OR APPROVED EQUIVALENT.
5. ALL CABLES AND HARNESSES SHALL BE INSPECTED AND TESTED PRIOR TO CONNECTION PER TBD AND NASA-STD-8739.4.
6. CABLES SHALL BE IDENTIFIED PER NASA-STD -8739.4 AT EACH CONNECTOR AND AT 50mm INTERVALS ALONG THE CABLE.
7. FOR CONNECTORS WITH BACKSHELLS, TERMINATE SHIELDS IN BACKSHELLS PER NASA-STD-8739.4.
8. FOR CONNECTORS WITHOUT BACKSHELLS, TERMINATE SHIELDS USING COLLECTOR/ COMPRESSION RINGS PER NASA-STD-8739.4.
9. CABLES SHALL BE ROUTED AND SECURED PER NASA-STD-8739.4. USE PANDUIT TY-DOWN PADS AND HALAR (P/N PLT2$-C702) CABLE TIES FOR SECURING CABLES AT INTERVALS NOT EXCEEDING 150mm. PANDUIT TY-DOWN PADS SHALL BE SECURED IN PLACE USING SCOTCH 4930 DOUBLE COATED ACRYLIC FOAM AND A BEAD OF SCOTCHWELD 2216 AROUND THE PERIMETER OF THE PANDUIT TY-DOWN PAD.
10. CONFIGURE AS NULL MODEM.
11. USE CRIMPER (PART# 22520/2-01) WITH PIN POSITIONER (PART# M22520/2-09) TO CRIMP CONTACTS TO CONNECTORS (JGCI, JRS-232).

AUTHORIZED by CM when under FORMAL Configuration Control

CHG	ZONE	DESCRIPTION	APP/DATE

REVISIONS

PROJECT CIR

ANALEX

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES

National Aeronautics and Space Administration
John H. Glenn Research Center
Lewis Field
Cleveland, Ohio
CONTRACT NUMBER: NAS3-99155

TOLERENCE ON		APPROVALS			
		PROJECT LEAD	ANALEX/M.D'TOOLE		
.X	+/-	ELECTRICAL LEAD	ANALEX/S.LAWYER		
.XX	+/-	ELECTRICAL ENGINEER	ANALEX/M.DOMO		
.XXX	+/-	CHECKER	X		
FRACTION	+/-	DESIGNER	ANALEX/A.JOHNSON		
ANGULAR	+/-	MAT'L PROC.	X		
SOFTWARE: AUTOCAD 2000		CONFIG. MGT	X		

FILE NAME: 67212EECM124.DWG

FDC FEDERAL DATA CORPORATION

DRAWING NAME
GC INSTRUMENT PACKAGE INTERCONNECTION DIAGRAM

FLUIDS COMBUSTION FACILITY

SIZE	CAGE CODE	DRAWING NUMBER	REV.
E	X	67212EECM124	1

SCALE: NONE | RELEASE DATE 10/18/00 | SHEET 1 OF 1