



PART NO.		TITLE		SHEET 2 OF 2
W/O NO. 923		PREPARED BY PK		DATE 7/96
	SYMBOL	TYPE	FUNCTION	
1	V ₂	PRESS. REGULATOR	MAINTAIN 50 PSI RETURN PRESS.	
2	P ₀	0-100 PSI GAGE	VISUAL RETURN PRESS	
3	T ₀	THERMOCOUPLE & MONITOR	VISUAL RETURN TEMP.	
4	V ₃	HAND VALVE	INTRODUCE 3000 PSI HYDR. TO N ₂ CYL	
5	P _i	0-5000 PSI GAGE	VISUAL SUPPLY PRESS. & LCS CLOG	
6	LCS	LAST CHANCE SCREEN 200μ.	PROTECT RPCU FROM LARGE PARTICLES	
7	N ₂ INJ CYL	3000 PSI CYL	NITROGEN INJECTION	
8	T _i	THERMOCOUPLE & MONITOR	VISUAL INLET FLUID TEMP.	
9	V ₄	HAND VALVE	SHUT OFF N ₂ INJ. CYL.	
10	V ₅	HAND VALVE	REESTROKE N ₂ INJ. CYL. (V ₃ OPEN, PUMP OFF)	
11	GN ₂	1500 PSI GN ₂ BOTTLE	GN ₂ SUPPLY	
12	15' LOOP	-6 CRES LINES	INPUT FLUID COLD SOAK	
13	T ₁	THERMOCOUPLE	RECORDED INLET FLUID TEMP.	
14	P _i	0-5000 PSI AB TRANSDUCER	RECORDED INLET PRESSURE	
15	SOL A	3000 PSI N.C. 2 WAY 115VAC	BYPASS FLUID TO HEAT LOOPS (ITEM 12)	
16	SOL B	"	"	
17	T ₂	THERMOCOUPLE	RECORDED RPCU TEMPERATURE	
18	RPCU	ENGRG / 427	RUDDER POWER CONTROL UNIT	
19	X ₂	LINEAR POTENTIOMETER	RECORDED RPCU ACTUATOR POSITION	
20	LOAD CYL	MILLER 2.5 X 1.0 X 5.0 STROKE	APPLY LOAD TO RPCU	
21	P _R	0-3000 PSI AB TRANSDUCER	RECORDED RETRACT LOAD PRESSURE	
22	P _E	0-3000 PSI AB TRANSDUCER	RECORDED EXTEND LOAD PRESSURE	
23	FC1	F400S-11FF FLOW CONTROL	EXTEND LOAD SETTING (FINE ADJ.)	
24	FC2	F400S-11FF FLOW CONTROL	RETRACT LOAD SETTING (FINE ADJ.)	
25	V1	HAND VALVE	MAIN LOAD SETTING	
26	X1	LINEAR POTENTIOMETER	RECORDED INPUT ROD POSITION	
27	F1	LOAD CELL	RECORDED INPUT ROD LOAD	
28	FC3	PARKER CBZ FLOW CONTROL	INPUT ROD SPEED ADJUST (EXTEND)	
29	FC4	PARKER CBZ FLOW CONTROL	INPUT ROD SPEED ADJUST (RETRACT)	
30	AIR SOL 1	ASCO N.O. 3 WAY 115VAC	EXTEND	
31	AIR SOL 2	ASCO N.O. 3 WAY 115VAC	RETRACT	
32	M-U CYL	CYLINDER	SUPPLY MAKE-UP FLUID TO LOAD CYL	
33	YAW INPUT	BOEING SUPPLIED	YAW DAMPER DRIVER	
34	LABVIEW	DIGITAL RECORDER	8 CHANNEL RECORDER / DISPLAY	

