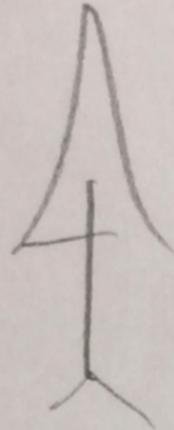
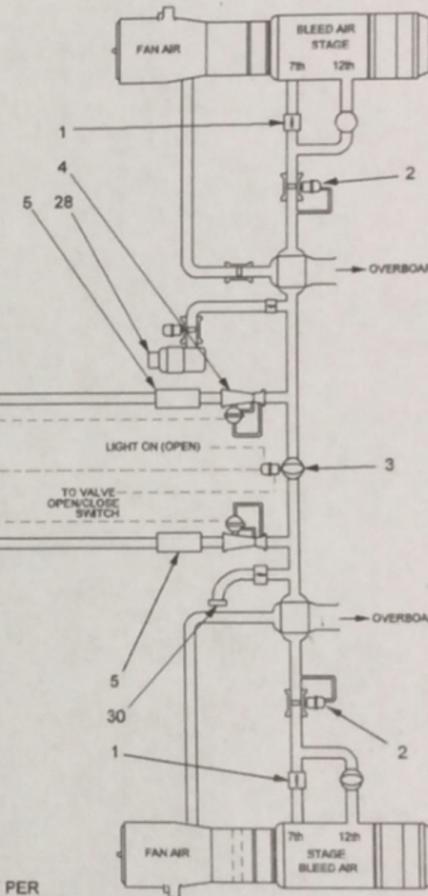
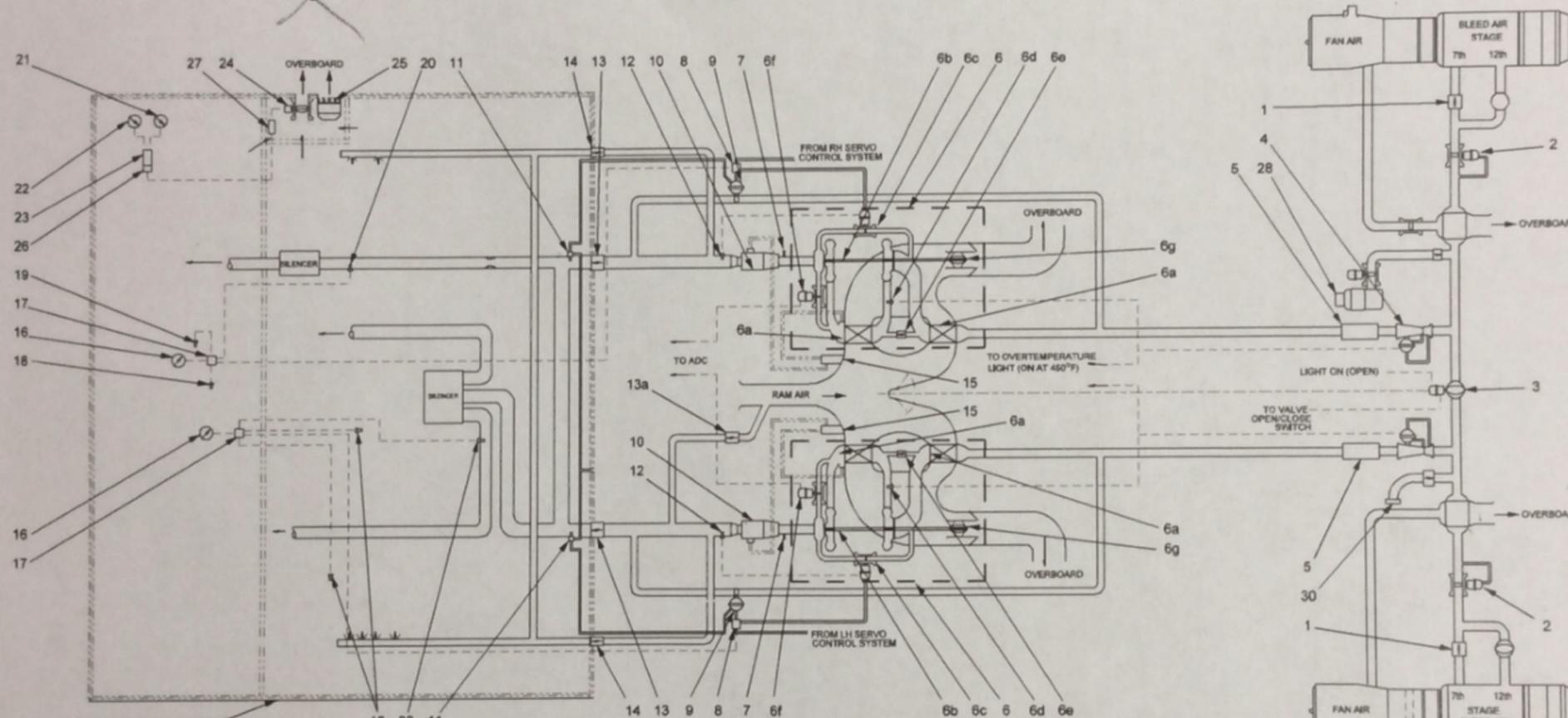


OVER BOARD



GULFSTREAM IV
MAINTENANCE MANUAL



OVER BOARD

OVER BOARD

ITEM NO	DESCRIPTION	QTY PER AIRCRAFT	ITEM NO	DESCRIPTION	QTY PER AIRCRAFT
1	VALVE, L.P. BLEED AIR CHECK	2	13	VALVE, CABIN/COCKPIT AIR CHECK	2
2	VALVE, BLEED AIR PRESSURE REG. & S/O	2	13a	VALVE, RAM AIR CHECK	1
3	VALVE, BLEED AIR ISOLATION S/O	1	14	VALVE, CABIN/COCKPIT FACE AIR CHECK	2
4	VALVE, AIR CONDITIONING SYSTEM SHUTOFF & FLOW CONTROL	2	15	WATER, SPRAY ASPIRATOR	2
5	FILTER, CABIN/COCKPIT OZONE	2	16	SELECTOR, CABIN/COCKPIT TEMPERATURE	2
6	REFRIGERATION UNIT	2	17	CONTROLLER, CABIN/COCKPIT TEMPERATURE	2
(a)	PRIMARY/SECONDARY HEAT EXCHANGER	4	18	SENSOR, CABIN/COCKPIT TEMPERATURE CONTROL	3
(b)	AIR CYCLE MACHINE (ACM)	2	19	SENSOR, COCKPIT TEMPERATURE CONTROL	1
(c)	ANTI-ICE MODULATING VALVE	2	20	SENSOR, CABIN/COCKPIT DUCT TEMPERATURE ANTICIPATOR	2
(d)	OVERTEMPERATURE SWITCH	2	21	MANUAL CABIN PRESSURE	1
(e)	ACM BYPASS CHECK VALVE	2	22	CONTROLLER, CABIN PRESSURE	1
(f)	ACM BYPASS SHUTOFF VALVE	2	23	TRANSDUCER, CABIN PRESSURE	1
(g)	COOLING FAN	2	24	VALVE, CABIN AIR OUTFLOW	1
(h)	BYPASS DUCT ASSEMBLY	2	25	VALVE, CABIN PRESSURE SAFETY	1
7	VALVE, TURBINE DISCHARGE WATER DRAIN	2	26	EMI FILTER, CABIN PRESSURE CONTROL	1
8	VALVE, SERVO AIR PRESSURE REG.	2	27	SWITCH, EMERGENCY CABIN PRESSURE RATE	1
9	VALVE, CABIN/COCKPIT TEMPERATURE CONTROL	2	28	AUXILIARY POWER UNIT (APU)	1
10	SEPARATOR, WATER	2	29	VALVE, APU AIR CHECK	1
11	SENSOR, CABIN/COCKPIT DUCT OVERTEMPERATURE	2	30	NIPPLE, CHECK VALVE & AIR START ASSY	1
12	SENSOR, WATER/SEPARATOR ANTI-ICE CONTROLLER	2			

LEGEND
 BLEED AIR & AIR COND DISTRIBUTION LINES
 PNEUMATIC CONTROL SYSTEM
 ELECTRICAL LINES

Air Conditioning System -
Block Diagram
Figure 1

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