



PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	3-1S	TOP	DUCTILE IRON	1
2	27-2	COVER FLANGE	DUCTILE IRON	1
3	27-3L	BODY	DUCTILE IRON	1
4	3-5	AIR / VAC SEAT	BUNA-N RUBBER	1
5	27-5B	AIR/ VAC FULCRUM	STAINLESS STEEL	2
6	26-6S	VALVE LEVER	STAINLESS STEEL	1
7	13-7R	LINK	STAINLESS STEEL	2
8	27-10S	FLOAT FULCRUM	STAINLESS STEEL	1
9	26-8S	FLOAT LEVER	STAINLESS STEEL	1
10	27-9A	FLOAT ROD	STAINLESS STEEL	1
11	27-9	FLOAT	STAINLESS STEEL	1
12	13-4N	VALVE PLUNGER	BUNA-N & S/S	1
13	FJHN.25-28	PLUNGER NUT	STAINLESS STEEL	1
14	LW.25	LOCK WASHER	STAINLESS STEEL	1
15	27-15	PRESSURE SEAT	STAINLESS STEEL	1
16	27-5-16S	PRESSURE FULCRUM	STAINLESS STEEL	1
17	27-17S	SEAT CAGE	STAINLESS STEEL	1
18	13-11R	BEARING PIN	STAINLESS STEEL	2
19	13-12R	BEARING PIN	STAINLESS STEEL	1
20	13-11AR	BEARING PIN	STAINLESS STEEL	1
21	26-11S	BEARING PIN	STAINLESS STEEL	2
22	27-11S	BEARING PIN	STAINLESS STEEL	1
23	18-7A	COTTER PIN	STAINLESS STEEL	7
24	27-21S	LIMIT STOP	STAINLESS STEEL	1
25	SBHCS.0.25X0.50	FULCRUM SCREW	STAINLESS STEEL	2
26	13-26	FULCRUM WASHER	FIBER	1
27	27-32	COVER GASKET	ARMSTRONG	1
28	FHN.375-16	FLOAT FULCRUM NUT	STEEL	1
29	HHCS.5X2.5	COVER BOLT	STEEL	13
30	FHN.5-13	COVER NUT	STEEL	13
31	27-29	FLANGE PLUG	BRASS	1
32	PLG.5	BODY PLUG	BRASS	1
33	NPL 2X3	NIPPLE	STEEL	1
34	202-9	COMPANION FLANGE	DUCTILE IRON	1

FLANGE DATA	
FLANGE DIAMETER	6.00 in.
FLANGE THICKNESS	0.75 in.
BOLT CIRCLE DIAMETER	4.75 in.
NUMBER OF BOLT HOLES	4
BOLT HOLE DIAMETER	0.75 in.

- NOTES:
- INLET SIZE: 2" CL. 150 FLANGE
OUTLET SIZE: 2" NPT
 - APPROXIMATE WEIGHT: 68 lbs
 - VALVE WILL BE COATED INTERNALLY & EXTERNALLY IN ACCORDANCE WITH ORDER REQUIREMENTS

ORIFICE DATA	
DIAMETER	MAXIMUM WORKING PRESSURE
1/4	150 PSIG
3/16	250 PSIG
1/8	300 PSIG

REV.	DESCRIPTION	DATE	APPROVED
3	REDRAWN IN SOLIDWORKS		
2	CHG'D No. 4 FROM 3-11 TO 3-11A	12-14-04	BJL
1	CHG'D No. 6 FROM 27-4S TO 27-5B	9-24-96	BJL

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES XX DIMENSIONS ±.1 XXX DIMENSIONS ±.05 DRILLED HOLES ±.01 ANGLES ±.1 MACHINED TO CAST ±.005 TIR MACHINED SURFACES ±.0025 BMS REMOVE CHAMFERS BREAK SHARP EDGES	NAME: DJF DATE: 11-14-24 DRAWN: DJF CHECKED: - ENG APPR: - MFG APPR: - Q.A.: -	FILE LOCATION: \\S2\51\drawings\ASSEMBLY\UAV\
MATERIAL:	FILE NAME: UL21.r3	
FINISH:		

CRISPIN VALVES

TITLE:
2" CL. 150 UNIVERSAL PRESSURE AIR RELEASE VALVE

SIZE B	DWG. NO. UL21	REV 3
SCALE: 0.44:1	WT: LB	SHEET 1 OF 1