



PARTS LIST				
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	4-1S	TOP	DUCTILE IRON	1
2	28-2L	COVER FLANGE	DUCTILE IRON	1
3	28-3LF	VALVE BODY	DUCTILE IRON	1
4	4-5	AIR / VAC SEAT	BUNA-N RUBBER	1
5	27-4S	AIR / VAC FULCRUM	STAINLESS STEEL	1
6	28-6S	VALVE LEVER	STAINLESS STEEL	1
7	28-7S	LINK	STAINLESS STEEL	2
8	28-10S	FLOAT FULCRUM	STAINLESS STEEL	1
9	28-8S	FLOAT LEVER	STAINLESS STEEL	1
10	28-9A	FLOAT ROD	STAINLESS STEEL	1
11	28-9	FLOAT	STAINLESS STEEL	1
12	13-4N	VALVE PLUNGER	BUNA-N & S/S	1
13	LW.25	LOCK WASHER	STAINLESS STEEL	1
14	FHN.25-28	PLUNGER NUT	STAINLESS STEEL	1
15	28-15	PRESSURE SEAT	STAINLESS STEEL	1
16	28-5-16S	PRESSURE FULCRUM	STAINLESS STEEL	1
17	28-17S	SEAT CAGE	STAINLESS STEEL	1
18	13-11R	BEARING PIN	STAINLESS STEEL	2
19	13-12R	BEARING PIN	STAINLESS STEEL	2
20	26-11S	BEARING PIN	STAINLESS STEEL	2
21	27-11S	BEARING PIN	STAINLESS STEEL	1
22	18-7A	COTTER PIN	STAINLESS STEEL	7
23	28-21S	PRESSURE LIMIT STOP	STAINLESS STEEL	1
24	HHCS.625X2.5	COVER BOLT	STEEL	13
25	FHN.625-11	COVER NUT	STEEL	13
26	HHCS.5X2.0	AIR / VAC FULCRUM BOLT	STEEL	1
27	FHN.5-13	AIR / VAC FULCRUM NUT	STEEL	1
28	FHN.375-16	FLOAT FULCRUM NUT	STEEL	1
29	13-26	FULCRUM WASHER	FIBER	1
30	27-31S	FULCRUM WASHER	FIBER	2
31	28-32	COVER GASKET	ARMSTRONG	1
32	27-29	FLANGE PLUG	BRASS	1
33	PLG.5	BODY PLUG	BRASS	1

FLANGE DATA	
FLANGE DIAMETER	7.50 in.
FLANGE THICKNESS	0.94 in.
BOLT CIRCLE DIAMETER	6.00 in.
NUMBER OF BOLT HOLES	4
BOLT HOLE DIAMETER	0.75 in.

- NOTES:
1. INLET SIZE: 3" CL. 150 FLANGED
OUTLET SIZE: 3" NPT
APPROXIMATE WEIGHT: 114 lbs
 2. 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
2	REDRAWN IN SOLIDWORKS		
1	CHG'D 27-4S FROM 28-4S	9-24-96	BJL

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CRISPIN VALVE. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CRISPIN VALVE IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES XX DIMENSIONS ±.1 XXX DIMENSIONS ±.01 DRILLED HOLES ±.01 ANGLES ±.1° CONCENTRIC DIAMETERS SEE BELOW MACHINED TO CAST 0.005 TIR MACHINED SURFACES 125 BMS BEHOLD FIDERS B-BEAR SHARP EDGES	DRAWN: DJF CHECKED: - ENG APPR: - MFG APPR: - Q.A.: -	NAME: - DATE: 11-14-24
MATERIAL:	FILE LOCATION: \\s2\s1\drawings\ASSEMBLY\UAV\	
FINISH:	FILE NAME: UL31.r2	

CRISPIN VALVES

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

SIZE: **B** DWG. NO. **UL31** REV **2**

SCALE: 0.31:1 WT: LB SHEET 1 OF 1

8 7 6 5 4 3 2 1

D

C

B

A

8 7 6 5 4 3 2 1