



APPROVED FOR RELEASE FOR CONSTRUCTION
 CHECKED FOR GENERAL COMPLIANCE WITH PLANS AND SPECIFICATIONS
[Signature]

ITEM NO.	QTY	DESCRIPTION	REF. TO DRAWING
1	1	PD15651 (5) D-212417 TUBE	
2	1	PD17117 (52) S60-271620 BLIND HEAD & BRG	
3	1	PD15652 (52) S60-240363 PISTON ROD & BRG	
4	1	PD15655 (52) D-290583 ROD PIVOT	
5	1	PD17116 (53156) D-261537 ROD HEAD & BRG	
6	1	PD15314 (57) D-490552 RETAINER	
7	1	PC4232-031 (54) C-670205-3 PIVOT PIN	
8	1	PC4232-011 (54) C-670205-1 PIVOT PIN	
9	1	PC15742 (1159) C-490576 WIPER RETAINER	
10	1	PC16720 (1254) C-490621 SEAL RETAINER	
11	1	PC16671 (1154) C-300612 ROD SEAL RETAINER	
12	1	PD4856-12 (2 COM) A-700663 BALL BUSHING	
13	1	-13 (4) COM A-701800 RETAINING RING	
14	1	-14 (1) COM B00130 RETAINING RING	
15	1	-15 (4) TEFZEL A-701797 HEAD PISTON SEAL	
16			
17	1	-17 (1) TEFZEL A-701798 ROD SEAL	
18	1	-18 (1) EPR B-701476 CHEVRON PACK	
19	1	-19 (4) 321 55 A-701409 O-RING	
20	1	-20 (4) COM A-700814 COTTER PIN	
21	1	-21 (1) ASTM-B16 A-700652 BRASS PLUG	
22	1	-22 (1) COM B06379 ALL LOCK SCREW	
23	1	-23 (4) COM A-701414 BLEED & DRAIN PLUG	
24	1	-24 (6) COM B067816 NSI SCREW	
25	1	PD4856-25 (1) COM A-701412 WAVE SPRING	
26	1	PD4856-26 (1) EPR B04064E ROD WIPER	
27	1	PD4856-27 (1) COM R40006 PIPE PLUG	
28	1	PC17120 (1) (50) CONTROL VALVE	
29	1	PC17135 (1) (50) CONTROL VALVE	
30	1	PC14542-01 (4) (59) SPACER	
31	1	PC15271 (1) (304 SS) FILTER (75# NOM)	
32	1	PD15281-01 (1) ELBOW (CSTL W/ALUM SEAL)	
33	1	PD15282-01 (1) TEE (CSTL W/ALUM SEAL)	
34			
35			
36	1	PD4856-36 (1) L&L CO. 4-TM-35-1 STRAIGHT (CSTL W/ALUM SEAL)	
37	1	37 (1) L&L CO. 4-TM-35-1 ELBOW (CSTL W/ALUM SEAL)	
38	1	38 (2) L&L CO. 4-TM-17 BLEED PLUG (CSTL W/ALUM SEAL)	
39	1	39 (1) ASTM-A269 TP 304 TUBING 3/4 O.D. X .049 SEAMLESS	
40	1	PD4856-40 (1) ASTM-TIP 304 TUBING 1/4 O.D. X .033 SEAMLESS	
41	1	PA16679 (2) (321) O-RING	
42	1	PA16680 (4) (COM) DRIVE SCREW 1/4" RND TP U	
43	1	PD4856-43 (1) ARGON ELECTROFLUO (2.0 GAL)	
44	1	PC16146 (1) (COM) ACCUMULATOR (SHIPPING)	
45	1	PC16144 (1) (304 SS) NAMEPLATE	

- GENERAL NOTES:
- OPERATING LOADS:
 NORMAL 5000 LB MAX
 UPSET 450 KIP
 FAULTED 1000 KIP AT .15-.25 IN/MIN
 VALVE CLOSING AT 6-10 IN/MIN
 - HARD CHROME, PLATE PER A-690402
 ROD .0015 MIN THICK
 PIVOT PINS .0015 MIN THICK
 - BLAST CLEAN AND PAINT EXTERIOR SURFACES WITH CARBO-ZINC II PER A-690557.
 - PACK AND SHIP PER A-690654.
 - TEST PER PAIS265.
 - INSTALL ITEM 12 PER RES-OIL.
 - TORQUE: ITEMS 28, 29, 110-130 FT LB.
 - ORIENTATION OF ITEM 31 TO BE ESTABLISHED AT INSTALLATION. ATTACH ITEM 44 TO ITEM 31 AND SECURE TO PALLET FOR SHIPPING (NOT SHOWN)
 - STAMP THE FOLLOWING INFORMATION ON NAMEPLATE:
 (FOR KRK) PD4856-(1 THRU 10) 1977 1000000 350 WESTINGHOUSE KRK
 (FOR COMANCHE PEAK) PD4856-(1 THRU 50) 1977 1000000 350 WESTINGHOUSE COMANCHE PK 546-CPW-236051-BP
 - AFTER TEST (PAINT, DRILL HOLES .067 DIA .31 DEEP (# 51 DRILL) INTO TUBE AND SECURE NAMEPLATE WITH ITEM 42.
 - SHIP SPACERS (ITEM 30) WITH FIELD EQUIPMENT

- MATERIAL NOTES:
- ASTM-A66B CLASS 'L' FORGING (4140 OR 4340)
 - ASTM-A66B CLASS 'M' FORGING (4340)
 - ASTM-A514 PLATE TYPE 'E'
 - ASTM-A434 CLASS 'BD' (4340)
 - ASTM-A53 GRADE 'B'
 - ASTM-B584 ALLOY 863
 - SAE 304 STAINLESS STEEL
 - ASTM-A564 TYPE G30 H1075 H1-1150

ORDER NO.	PLANT	LOCATION	PHN JOB NO.
546-CPW-236051-BF	TBX/TCX	COMANCHE PK	15-7502M
546-CPW-236053-BP	KRK	KRSKO	15-7503M

WESTINGHOUSE NES. (SEE ABOVE)

PRC APERTURE CARD

FOR ENG. OFFICE

PART SUBJECT TO CHANGE WITHOUT NOTICE

HYDRAULIC SNUBBER ASSEMBLY 1000 KIP

WESTINGHOUSE

8306100157

D-021361

RIDS

8306100157

