



BILL OF MATERIAL						
LINE	SYM.	PART NO.	QTY.	DESCRIPTION	MATERIAL	WT. (LBS.)
1		98307-01	1	"B" END BRAKE PACKAGE RECOND. WITH EL-60	SEE ASSY	578
2		103405-01	1	PIPE BEND, 1/2" TRAINLINE "A" END	A53-F	40.41
3		103625-56	1	PIPE, CUT-TO-LENGTH, 1/2" TRAINLINE "A" INTER.	A53-F	25.69
4		17562-87	1	PIPE BEND, 1/2" TRAINLINE "B" INTER.	A53-F	55.5
5		103782-01	2	PIPE BEND, 1/2" TRAINLINE "B" INTER.	A53-F	11.74
6		102017-01	1	PIPE BEND, 1" BRANCH PIPE	A53-F	6.36
7		10873-01	1	PIPE BEND, 1/2" FROM BRAKE CYLINDER TO EL-60	A53-F	12.83
8		103406-01	1	PIPE BEND, 1/2" FROM EL-60 TO BRAKE CYLINDER	A53-F	6.5
9		93457-26	1	TOP ROD S/A, "A" END	SEE S/A	48.1
10		93133-07	1	TOP ROD S/A, "B" END	SEE S/A	17
11		93498-10	1	BRAKE LEVER & BRAKE ROD SUPPORT S/A	A36	24.4
12		100716-28	2	BRAKE ROD HANGER	A36	14.52
13		93485-03	1	BRAKE LEVER GUIDE S/A, LEFT SIDE	A36	19.77
14		93485-04	1	BRAKE LEVER GUIDE S/A, RIGHT SIDE	A36	19.67
15		17409-74	2	RECTANGULAR SHAPE	A36	2
16		89667-01	1	HANDBRAKE ROD HANGER	A36	3.1
17		13642-07	1	ANGLE, 3" x 3" x 1/8" x 0'-4" LG.	A36	1.6
18		100939-01	1	ANGLE SHAPE, FULCRUM BRACKET	A36	4.2
19		2121-24	2	LEVER, CYLINDER	A572-50	63
20		18697-16	1	CONTROL LEVER, SLACK ADJUSTER	A36	25.4
21		74346-04	1	RELEASE ROD S/A	A36	8.58
22		12075-12	2	"U" SHAPE, 1/2" ROD CLIP	A36	.8
23		89609-01	1	HANDBRAKE ROD S/A WITH CHAIN	A36	23.7
24		12077-49	6	"U" SHAPE, 1/2" PIPE	A36	3.12
25		12077-50	1	"U" SHAPE, 1/2" PIPE	A36	.35
26		00007-01	2	PIN, BRAKE, 1/2" DIA. x 3/8" LG.	M-122 GR. C-1020	2
27		00007-11	1	PIN, BRAKE, 1/2" DIA. x 5/8" LG.	M-122 GR. C-1020	1.5
28		00007-18	1	PIN, BRAKE, 1/2" DIA. x 6/8" LG.	M-122 GR. C-1020	1.7
29		04354-01	1	RIVET, W/HOLE, 1/2" DIA. x 2/8" LG.	A31	.15
30		00884-02	2	"U" BOLT, ANGLE COCK	A36	2
31		313-1296	1	CLAMP BASE, 1/2" WRIGHT #2457	SEE S/A	1.98
32		313-1330	1	CLAMP WEDGE, 1/2" WRIGHT #2356	SEE S/A	.32
33		202-6740	1	PUSH ROD	SEE S/A	16
34		302-1427	1	CLEVIS, SCHAEFER #1132	STEEL	2
35		313-2580	3	COUPLING, 1/2" 3000" W.O.G.	STEEL	3.6
36		302-2547	1	COUPLING, 1/2" 3000" W.O.G.	STEEL	.38
37		305-0805	2	COTTER PIN, 1/8" x 1/2" LG.	STEEL	.08
38		305-0925	3	COTTER PIN, 1/8" x 2/8" LG.	STEEL	.24
39		304-1530	4	BOLT, HEX., 1/2" 13UNC-2A x 2" LG.	J429 GR. B	.56
40		304-7568	4	NUT, REG. HEX., 1/2" 13UNC-2B, SELF LOCKING	IF1-100-B	.2
41		304-1950	6	BOLT, HEX., 1/2" 11UNC-2A x 2" LG.	J429 GR. B	1.3
42		304-7680	10	NUT, REG. HEX., 1/2" 11UNC-2B, SELF LOCKING	IF1-100-B	.8
43		302-2895	2	GASKET, 1"	RUBBER	.04
44		302-3135	2	GASKET, 1"	RUBBER	.08
45		302-0390	1	BRANCH PIPE TEE	RUBBER	5
46		302-7190	4	CAPSCREW, 1/4" x 1/2" LG., SELF LOCKING	IF1-100-B	.28
47		402-1786	1	8" x 12" ABU BRAKE CYLINDER	SEE ASSY	60
48		302-3535	1	HANDLE, RESERVOIR RELEASE VALVE	STEEL	.25
49		305-0535	1	COTTER PIN, 1/8" x 1/2" LG.	STEEL	.04
50		402-1472	2	ANGLE COCK	SEE S/A	22.6
51		302-2240	2	1/2" SOCKET WELDED ELBOW	STEEL	2
52		302-2670	2	1/2" SOCKET WELDED FITTING	STEEL	2
53		00007-01	2	PIN, BRAKE, 1/2" DIA. x 3/8" LG.	M-122 GR. C-1020	4
54		00007-03	2	PIN, BRAKE, 1/2" DIA. x 3/8" LG.	M-122 GR. C-1020	2
55		00007-24	1	PIN, BRAKE, 1/2" DIA. x 2/8" LG.	M-122 GR. C-1020	1.7
56		17471-01	1	EXTENSION SPRING	302 SST	1.2
57		305-0925	6	COTTER PIN, 1/8" x 2/8" LG.	STEEL	.48
58		304-3044	1	BOLT, HEX., 1/2" 10UNC-2A x 1/2" LG.	A325	.7
59		304-7795	1	NUT, HEX., 1/2" 10UNC-2B, SELF LOCKING	IF1-100-B	.2
60		102-0187	1	SLACK ADJUSTER	SEE S/A	75
61		302-8845	2	HOSE CARRIER, HOLLAND #AC-71	SEE S/A	5
62		302-5660	1	VENT PROTECTOR	STEEL	.5
63		102-3730	2	1/2" x 22" HOSE, FP-5, COUPLING & NIPPLE	SEE S/A	15.2

- NOTES:
- APPLICATION OF THE BRAKE PIPE (1 TRAINLINE) MUST PERMIT COMPLETE DRAINAGE TOWARD BOTH ENDS OF CAR.
 - CHANNEL SHAPE (SYM. #12) TO BE HELD PARALLEL TO RAIL.
 - APPLY BRAKE ROD LEVER SUPPORT (SYM. #11) PRIOR TO SYM'S #4, #19, AND #24 HOLD SUPPORT PARALLEL TO RAIL.
 - "L" MUST BE SUCH THAT CENTER LINE OF CONTROL LEVER AND CYLINDER LEVER ARE ON THE SAME VERTICAL PLAIN WITH BRAKES SET AT PROPER PISTON TRAVEL.
 - ITEMS MARKED THUS * ARE PART OF AIR BRAKE KIT 102-4123 FOR LINE 01 AND 102-4102 FOR LINE 02.
 - PLACE EXTENSION SPRING (SYM. #56) IN THE 2ND CHAIN LINK FROM ROD EYE. 1/2" GAP AT EYE OF SPRING TO BE LEFT AS PURCHASED AT BOTH ENDS.
 - ON PEACOCK 2000 DJ SLACK ADJUSTER, SHIPPING BOLT MUST BE REMOVED AFTER INSTALLATION HAS BEEN COMPLETED AND WHILE BRAKES ARE SET. DO NOT ATTEMPT TO REMOVE THIS BOLT WHILE BRAKES ARE RELEASED.
 - VENT PROTECTOR SYM. #62 NOT REQUIRED ON DB-60 CONTROL VALVES.

NEW	106	02					
NEW	1143	01					
BRAKE COMPONENTS							
PROCOR AIR BRAKE ASSEMBLY CONV. WITH EL-60 31'-5/2" T.C. - 100 T.							
DRAWN BY: BLMCCHEE	DATE: 4-20-95						
CHECKED BY: P. YOUNG	DATE: 4-21-95						
APPROVED BY: G. STEPHANIAN	DATE: 4-21-95						
REV	DATE	BY	DESCRIPTION	CHK'D	SCALE: 1/2"=1'-0"	DRAWING NO.	REVISION
						97995	-

DRAWING TOLERANCES	
FRACTIONAL DIMENSIONS:	± 1/4
ANGULAR DIMENSIONS:	± 1°
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	