

VOLUME I
MAINTENANCE MANUAL

CONTECH DIE CAST

MODEL 836A

SERIAL # D-94006

Always give the serial number of your
machine when calling.



PRINCE MACHINE

One Prince Center, Dept. M., Holland, Michigan 49423 616-392-5151

MAINTENANCE

**CONTECH
MODEL 836A
D-94006**

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INTRODUCTION

1001.BLT

This material has been compiled to assist you with proper maintenance and repair of your PRINCE die casting machine. The instructions that pertain to the set-up and operation of your machine are contained in the Operation Manual that accompanies this volume. Should you require information pertaining to your machine that you are unable to find in these manuals, please do not hesitate to call your Sales or Service Representative at Prince Machine Corporation, Telephone (616) 392-5151.

PARTS ORDERING PROCEDURE
1002.BLT

When you require replacement parts for your machine, please supply the following information to our Parts Department:

1. Catalog Number
2. Description
3. Machine Serial Number (listed at the beginning of this Maintenance Manual)
4. List Number

Use the Bill of Material to find a particular part. Refer to the pages at the beginning of the Bill of Material; they are the table of contents. Locate the specific Description category in the table of contents where the part is most likely to be located. Turn to the specific List Number page to locate the Catalog Number. The List Numbers are arranged in the same order as they appear in the table of contents.

All parts may be ordered by mail or by phone:

Prince Machine Corporation
One Prince Center, Dept. M.
Holland, Michigan 49423
Telephone: (616) 394-8213

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0004	CSD9406	1.0	CUSTOMER SUPPLIED LIST - CONTECH					M
0010	LS94006	1.0	SUBSTITUTIONS - CONTECH					M
0011	L083081	1.0	GENERAL INFORMATION					M
0020	L080104	1.0	TOGGLES					M
0030	L080216	1.0	BEARING HOUSING					M
0040	L080341	1.0	CLOSING CYLINDER 7B X 36.62S X 4 ROD					M
0050	LA80412	1.0	PLATES & ATTACHED PARTS					M
0060	L080511	1.0	REAR PLATEN SUPPORT					M
0070	L080609	1.0	TRAVELING PLATE SUPPORT					M
0080	L080779	1.0	TIE BAR					M
0081	L080778	1.0	MOTORIZED DIE HEIGHT (AUTO)					M
0082	L080773	2.0	POWER SPLIT RING					M
0083	L080784	1.0	OPERATORS SPLIT RING LATCH					M
0084	L080785	1.0	HELPERS SPLIT RING LATCH					M
0090	L080886	1.0	BASE AND ATTACHED PARTS					M
0100	L081185	1.0	CYLINDER MOUNT					M
0110	L081296	1.0	SHOT CYLINDER 6B X 3 1/2R X 27S					M
0120	L041330	1.0	BEI ROTARY ENCODER					M
0121	L081367	1.0	SHOT ACTUATOR ROD COMPONENTS					M
0130	L081375	1.0	CLOSING LIMIT SWITCH					M
0140	L081688	1.0	MANIFOLDS					M
0150	L081749	1.0	MOTOR AND COUPLING					M
0160	L081861	1.0	TRABON LUBRICATION - OIL					M
0180	L082029	1.0	SAFETY BAR ASSEMBLY					M
0181	L082019	1.0	DEAD BAR ASS'Y					M
0210	LA82305	1.0	SHOT LINE PIPING					M
0230	L122533	1.0	4" SHOT CHECK VALVE					M
0231	L122525	1.0	ACCUMULATOR P.O. CHECK					M
0232	LB82516	1.0	P.O. CHECK VALVE (IMPACT)					M
0233	LB82524	1.0	3 1/2" BINARY VALVE					M
0234	L082505	1.0	2 1/4 IN. CHECK VLV					M
0250	L082691	1.0	SAFETY DOOR					M
0260	L082773	1.0	DRC LINEAR ENCODER COMP. (DIFF./12V)					M
0261	L082737	1.0	MISC. ELECTRICAL PARTS - D/A					M
0280	L082801	1.0	TIE BAR PULLER					M
ITEM	LIST NO. D94006	QTY 1.0	DESCRIPTION CONTECH-836A	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

SERIAL NUMBER: D94006 CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	052561	1.0	GENERAL INFORMATION MODEL 836			052561-E*A	C	M
0020	052562	1.0	DIE INTERFACE MODEL 836			052562-E*A	C	M
0030	052563	1.0	SHOT END LAYOUT MODEL 836			052563-E*A	A	M
0040	048936	1.0	LAYOUT, FLOOR ANCHOR			048936-D*A	C	M
0050	053041	1.0	SPECIFICATION, D93013			053041-S	A	M
0060	052564	1.0	LADLE AND FURNACE INTERFACE MODEL 836			052564-E*A	A	M

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R C
0010	010846	1.0	ASS'Y, TOGGLES			010846-D*A	D M
0020	002240	8.0	ANCHOR			002240-D	M M
0030	002241	4.0	TOGGLE, LONG			002241-D	B M
0040	034159	1.0	CROSSHEAD			034159-C	D M
002	G34159	1.0	CROSSHEAD MACHINING		MACHINING	034159-C	D P
			MACHINE COMPLETE TO PRINT#34159				
0060	002243	4.0	TOGGLE, SHORT			002243-C	I M
0070	002244	4.0	TOGGLE, SHORT			002244-C	E M
0080	002383	4.0	LINK, CROSSHEAD			002383-B	E M
0090	002450	12.0	PIN, TOGGLE			002450-C	J S
0100	002451	8.0	PIN, CROSSHEAD			002451-C	G S
0110	002022	8.0	KEY			002022-A	= S
0120	002771	8.0	RETAINER, PIN; TOGGLE			002771-A	E S
0130	002772	16.0	RETAINER, PIN; ANCHOR			002772-A	E S
0140	002452	24.0	BUSHING			002452-A	B S
0150	002453	36.0	BUSHING			002453-A	B S
0160	002454	8.0	BUSHING			002454-A	C S
0170	002770	48.0	WASHER, TOGGLE			002770-A	C S
0180	006633	16.0	WASHER, TOGGLE			006633-A	B S
0190	018587	48.0	BOLT, WASHER 1/2 X 1			018587-A	- S
0200	304102	40.0	SCREW, 1-8 X 3 1/2 LG SOC HEAD CAP		FAS70030		S
0210	011883	8.0	DOWEL, ANCHOR			011883-A	- S
0220	304046	4.0	SCREW, 5/8-11 X 1 1/2 LG SOC HEAD CAP		FAS70030		S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.
0020	L080104	1.0	TOGGLES	END		01/22/94	D94006

SERIAL NUMBER: D94006 CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	040551	1.0	ASSEMBLY, BEARING HOUSING			040551-D*A	B	M
0020	002716	1.0	HOUSING, BEARING			002716-B	G	M
002	K02716	1.0	BRG. HOUSING PLATE FLASH CHROME .0002/ .0005 PER SIDE		CHROME			P
0030	034162	1.0	ROD, EXTENSION			034162-B	A	M
0040	002718	2.0	BUSHING, BEARING HOUSING			002718-B	E	S
0050	002720	1.0	RING, RETAINER, BEARING HOUSING			002720-B	B	S
0060	002721	1.0	ANVIL, BEARING HOUSING			002721-A	A	M
002	G02721	1.0	ANVIL LATHE, DRILL, GRIND TO PRINT		MACHINING			P

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	042491	1.0	ASS'Y, CYLINDER; CLOSING			042491-D*A	C	M
0020	034136	1.0	HEAD, CYLINDER			034136-D	D	M
0030	042494	1.0	BASE, CYL CLOSING			042494-E	C	M
0035	042492	1.0	PLATE, MTG; CLOSING CYL			042492-E	A	M
0040	042493	1.0	BARREL, CYLINDER			042493-D	B	M
001	H42493	1.0	CYLINDER BARREL 9 1/4"O.D. X 1 1/2"WALL X 45 3/4"LG. HFSM TUBE		TUB			P
002	X42493	2.0	BARREL, CYLINDER; RINGS 2 3/4"TH'K X 13 1/4"O.D. X 8 1/2" I.D. HRS, T.C.		HRS			P
0050	036283	1.0	ROD, PISTON			036283-D	E	M
001	036282	1.0	BUSHING, PISTON			036282-B	A	S
003	K36283	1.0	ROD, PLATE TO PRINT.0002/.0005 PER SIDE		CHROME			P
0060	043495	1.0	HOUSING, BUSHING; CLOSING CYLINDER			043495-C	A	M
001	043498	1.0	BUSHING, CLOSING CYLINDER			043498-B	A	S
0070	043523	1.0	GLAND, PACKING; CLOSING CYLINDER			043523-C	B	M
001	043499	1.0	HOUSING, GLAND; CLOSING CYLINDER			043499-C	A	M
002	043521	1.0	BUSHING, GLAND; CLOSING CYLINDER			043521-B	A	S
0090	010975	1.0	SUPPORT, ROD; CLOSING CYLINDER			010975-A	A	S
0100	002693	1.0	RETAINER, ROD			002693-A	A	P
0110	039209	1.0	LIMITER, STROKE; CLOSING CYLINDER			039209-D	E	M
0120	327039	2.0	BEARING, GARLOCK GF3236-32 GAR-FIL		BEA20070			S
0130	302821	4.0	PISTON RING 7 X 1/4 STEP CUT R-14005		RIN12010			S
0140	317135	2.0	2-439 O-RING BUNA-N 6 1/2 X 7 X 1/4		RIN11020			S
0150	305452	2.0	439 BACK UP RING TEFLON 7 X 1/4		RIN10010			S
0160	317053	1.0	2-252 O-RING BUNA-N 5 1/4 X 5 1/2 X 1/8		RIN11020			S
0170	305383	1.0	252 BACK UP RING TEFLON 5 1/2 X 1/8		RIN10010			S
0180	317049	1.0	2-248 O-RING BUNA-N 4 3/4 X 5 X 1/8		RIN11020			S
0190	305379	1.0	248 BACKUP RING TEFLON 5 IN. O.D. X 1/8		RIN10010			S
0200	310830	1.0	3750-4000-625B VITON POLY PAK TYPE B		PAC11010			S
0210	304069	14.0	SCREW, 3/4-10 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0220	304103	28.0	SCREW, 1-8 X 4 LG. SOC HEAD CAP		FAS70030			S
0250	304029	6.0	SCREW, 1/2-13 X 2 LG. SOC HEAD CAP		FAS70030			S
0270	322143	1.0	WIPER-PARKER TYPE D-4000		MISWWW			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 1	PRINT DATE	SERIAL NO.
0040	L080341	1.0	CLOSING CYLINDER 7B X 36.62S X 4 ROD	CONTINUED	01/22/94	D94006

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0290	304116	5.0	SCREW,1 1/4-7 X 5 LG. SOC HEAD CAP		FAS70030			S
0300	029613	1.0	ADAPTOR,FLANGE 2" TO 2 1/2"			029613-B	A	S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0040	L080341	1.0	CLOSING CYLINDER 7B X 36.62S X 4 ROD	2	01/22/94	D94006
				END		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	052835	1.0	PLATEN, STATIONARY			052835-E	B	M
001	003770	1.0	PLATE, STATIONARY; BURNING DWG. 3770-C			003770-C	B	S
			FRT PLT 13 1/2 X 60 3/4 X					
			70 3/4, HRS. T.C. FROM 13 1/2 X					
			60 3/4 X 142					
0020	052836	1.0	PLATEN, MOVABLE			052836-E	B	M
001	002636	1.0	PLATE, MOV. BURN DWG. 2636-C			002636-C	B	S
			12 1/2 X 60 3/4 X 60 3/4,					
			HRS. T.C. FROM 12 1/2 X 60 3/4 X 122					
0030	052671	1.0	PLATE, BUMPER; 800 TON			052671-E	A	M
002	033641	4.0	GUSSET			033641-A		S
			1 IN THK HRS. T.C. TO PRINT #33641-A					
005	008309	24.0	GUSSET, 1 TH'K X 3" X 3" HRS., T.C.					S
0040	052837	1.0	PLATEN, REAR			052837-E	A	M
001	002638	1.0	PLATE, REAR BURN DWG. 2638-C			002638-C	E	S
			13 1/2 X 60 3/4 X 60 3/4 HRS. T.C.					
			FROM 13 1/2 X 60 3/4 X 122					
0050	002719	1.0	BUSHING, BEARING HOUSING; BUMPER PLATE			002719-B	A	S
0060	040925	4.0	BUSHING, MOVABLE PLATE RYERTEX			040925-C	D	S
0070	040902	4.0	BUSHING BUMPER PLATE RYERTEX			040902-C	D	S
0080	049187	16.0	RETAINER, WIPER; TIE BAR			049187-C	B	M
0090	303975	96.0	SCREW, 5/16-18 X 7/8 LG. SOC HEAD CAP		FAS70030			S
0100	005082	16.0	WIPER			005082-B	A	S
0105	007534	16.0	WIPER, SPRING			007534-A		S
0110	317067	16.0	2-266 O-RING BUNA-N 8 X 8 1/4 X 1/8		RIN11020			S
0120	017279	1.0	BAR, LIMIT SWITCH			017279-B	A	M
0130	007791B-01	1.0	ACTUATOR, LIMIT SWITCH			007791-B	D	S
0140	010255	2.0	PLATE, LIMIT SWITCH			010255-B	C	S
0150	002202	2.0	CLAMP, LIMIT SWITCH			002202-A		S
0160	047342	4.0	RING, COMPRESSION; MODEL 836			047342-D	A	M
0170	036539	2.0	SPACER, RECIPROCATOR			036539-B	C	P

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	044211	1.0	LAYOUT, TIE BAR & MOTORIZED DIE HEIGHT			044211-D*A	B	M
0010	022895	4.0	NUT, TIE BAR			022895-C	C	M
001	B22895	1.0	NUT, TIE BAR					S
			FINISH MACHINE LESS THREAD					
0020	002405	2.0	SLEEVE, THREADED			002405-C	N	M
0025	044645	2.0	SLEEVE, THREADED; LATCHING TYPE			044645-D	E	M
0030	043737	1.0	GEAR, RING; AUTO ADJUST			043737-C	B	M
0040	030138	2.0	RETAINER, RING GEAR			030138-A	B	S
0050	042305	1.0	BEARING, RING GEAR			042305-B	A	S
			.062" +/- .005 X 2.745/2.695" WIDE X 122.52" LG. DIXON RULON LD SKIVE TAPE					
0060	038775	1.0	BRACKET, DIE HEIGHT			038775-C	F	M
002	G38775	1.0	DIE HEIGHT BRACKET		MACHINING			P
			MACHINE COMPLETE TO PRINT #38775					
0080	022872	1.0	GEAR, PINION			022872-B	D	S
0090	022951	1.0	KEY, PINION			022951-A	B	S
			SUPERSEDED BY 025427B-06					
0100	326524	1.0	50:1 RATIO BRONZE GEAR REDUCER SEE DWG. 50691-D SUPERCEDES 33336-S HUB CITY		MOT30010			S
0110	319625	2.0	CLAMP TITE SHAFT COLLAR EDP-15162, 2 IN. 2-PIECE		MISCCC			S
0120	040460	1.0	BUSHING, GEAR REDUCER			040460-B	C	S
0130	317152	1.0	103-1044-007 CHAR LYNN HYD MOTOR	1032	MOT40010			S
0140	034746	1.0	BLOCK, HYD. MOTOR			034746-C	A	S
0150	022879	4.0	GEAR, IDLER			022879-C	D	P
			SUPPLY COMPLETE PER PRINT					
0160	323793	4.0	COMPOSITE DIXON CJ32E40-28 2 IN. I.D. 2-1/2 IN. O.D.		BEA20070			S
0170	032572	4.0	SHAFT, PINION			032572-B	A	M
002	G32572	1.0	SHAFT, PINION		MACHINING			P
			DRILL, LATHE TO PRINT PRINCE MATERIAL					
0180	304059	4.0	SCREW, 5/8-11 X 6 LG SOC HEAD CAP		FAS70030			S
0190	036566	4.0	BRACKET, RISER			036566-B	A	M
0200	304027	40.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0081	L080778	1.0	MOTORIZED DIE HEIGHT (AUTO)	1 CONTINUED	01/22/94	D94006

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0210	036796	4.0	BRACKET,CYLINDER			036796-B	A	M
0220	304049	8.0	SCREW,5/8-11 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0230	036791	4.0	POST,CYLINDER BRACKET			036791-B		M
002	G36791	1.0	POST,CYL.BRACKET		MACHINING			P
			LATHE,MILL,DRILL TO PRINT					
0240	036792	4.0	PLATE,CYLINDER SUPPORT; IDLER GEAR PULL			036792-C	C	M
0260	325099	4.0	GEAR PULL CYL. REF 36793S N5F,2B, 3S, 1R		CYL20010	036793-S		P
			STYLE #10 ROD END, NON-CUSH, PORTS AT POS					
			1,NAMCO EE230 PROX SWITCH BOTH ENDS POS3					
			REF SER #1E89082288-002					
0270	304026	20.0	SCREW,1/2-13 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0280	325210	8.0	EE978-16007 12 FT CABLE NAMCO		ELE23030			S
0290	040554	4.0	COUPLING, ROD; SPLIT			040554-C	B	P
0300	303963	24.0	SCREW,1/4-20 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0310	325396	2.0	B12-G12-AP6X TURCK PROX SWITCH		ELE160			P
0320	325397	1.0	MS 81-221-R X 2/110 TURCK POWER SUPPLY		ELE160			P
0330	037955	1.0	BLOCK, PROXIMITY MOUNTING			037955-B	A	S
0340	303976	4.0	SCREW, 5/16-18 X 1 LG. SOC HEAD CAP		FAS70030			S
0350	304028	6.0	SCREW,1/2-13 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	047864	1.0	ASSEMBLY SPLIT RING; POWER - MODEL 836			047864-E*A	A	M
0020	047865	1.0	SPLIT RING, POWER			047865-D	A	M
0030	326437	2.0	FCJ-16F20-8 DIXON COMPOSITE 1.00ID X 1.25OD X 1.00 LONG		BEA20070			S
0040	047868	2.0	SHAFT, GUIDE			047868-C	A	M
0060	304035	2.0	SCREW, 1/2-13 X 3 1/2 LG. SOC HEAD CAP		FAS70030			S
0070	047869	1.0	BAR, SPLIT RING CONNECTOR			047869-C	A	P
0080	047867	4.0	BLOCK, STOP			047867-C	A	P
0090	304030	6.0	SCREW, 1/2-13 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0110	033615	2.0	RAIL, GUIDE			033615-B	B	P
0111	304000	8.0	SCREW, 3/8-16 X 3 1/4 LG. SOC HEAD CAP		FAS70030			S
0120	033583	6.0	STUD, SPACER			033583-B	G	M
0130	047866	1.0	PLATE, FRONT RETAINER; TIE BAR			047866-D	B	M
0140	303995	8.0	SCREW, 3/8-16 X 2 LG. SOC HEAD CAP		FAS70030			S
0160	044161B-01	1.0	PIN, LIMIT SWITCH			044161-B	A	P
0170	327361	2.0	E-081-B 5/8-18 X 8" SWITCH ROD E&E		MISHHH			P
0180	301793	2.0	NUT, 5/8-18 UNF JAM		FAS50020			S
0190	327363	4.0	NO. 15226 5/8-18 STL SHAFT COLLAR CLAMP-TITE		MISCCC			S
0210	326005	1.0	N5F 2B 1S 1R #10 ROD END VITON STR THREAD HYDROLINE REF SER #1C88080078-02		CYL20010			P
0215	304027	4.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0220	325098	1.0	COUPLING, SELF ALIGNING C-271-08 HYDROLINE PARKER #0100 ROD END		CYL50010			S
0225	303962	6.0	SCREW, 1/4-20 X 1 LG. SOC HEAD CAP		FAS70030			S
0230	328442	1.0	N5P 2B 1R 6S RE #10 VITON SEALS NO CUSH SAE STR THD HYDROLINE		CYL20010			P
0240	045465B-03	1.0	RISER, LIMIT SWITCH			045465-B	C	P
0250	306392	6.0	NUT, 1-B NC HEAVY HEX		FAS50035			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0082	L080773	2.0	POWER SPLIT RING	1 END	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	053371	1.0	LAYOUT, SPLIT RING LATCH; OPERATOR'S			053371-F*A	B	M
0020	304034	6.0	SCREW, 1/2-13 X 3 1/4 LG. SOC HEAD CAP		FAS70030			S
0030	326931	6.0	105-01 DISC-LOCK LOCK WASHER 1/2"		FAS80010	042286-B	B	S
			REF DRAWING 42286-B;NL-6					
0040	044638	1.0	WEDGE LOCKING; OPERATORS			044638-C	C	M
0050	306623	2.0	P-61 3/8 DIA. X 2 IN. LG. STD. REID		FAS60020			S
			ROLL PIN					
0060	045425	1.0	PIVOT, LATCH			045425-B	B	P
0065	045449	1.0	PIVOT, LATCH			045449-B	B	P
0070	044643	1.0	PLATE, CYLINDER; OPERATORS			044643-C	B	M
0080	303990	14.0	SCREW, 3/8-16 X 7/8 LG. SOC HEAD CAP		FAS70030			S
0090	044319	2.0	KEY, 3/4" SQ.			044319-B	B	P
0100	303976	2.0	SCREW, 5/16-18 X 1 LG. SOC HEAD CAP		FAS70030			S
0110	303987	4.0	3/8-16 X 1/2 LG. SOCKET HEAD CAP SCREW		FAS70030			S
0120	327486	2.0	90313A115 MCMASTER CARR STAINLESS STL.		FAS80010			S
			FENDER WASHER .062x13/32 I.D.x1-1/2 O.D.					
0130	044637	1.0	WEDGE LOCKING; HELPERS			044637-C	C	M
0140	304030	2.0	SCREW, 1/2-13 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0150	304027	2.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0160	044646	1.0	PLATE, MOUNTING; EYE BRACKET			044646-C	B	P
0170	306667	2.0	PIVOT PIN HYDROLINE NO. C-9003-3		CYL50010			S
0180	044313B-02	1.0	ROD, TIE; SPLIT RING LATCH			044313-B	L	P
0190	303556	2.0	WASHER, 3/8 PLAIN		FAS80010			S
0200	330199	1.0	ASC 2B 1-1/4S 1R #2 ROD END CUSHION HEAD		CYL60010			P
			END HYDROLINE					
0210	327485	2.0	RB-6 REID CIRCULAR REST BUTTON 3/4" O.D.		MISHHH			S
0220	303973	2.0	SCREW, 5/16-18 X 5/8 LG. SOC HEAD CAP		FAS70030			S
0230	045424	1.0	LATCH, SPLIT RING			045424-C	E	M
0235	045454	1.0	LATCH, SPLIT RING, OPERATORS INSIDE			045454-C	D	M
0240	319608	1.0	EYE, FEMALE C-9304 HYDROLINE		CYL50010			P
0260	306680	1.0	EYE BRACKET C8903 HYDROLINE		CYL50010			P
0270	303991	4.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0310	323245	4.0	3130-04-1/4 HOSE 2750 PSI MAX SYNDFLEX		PIP30030			S
0340	323374	1.0	3903-03104 3/16 SYNDFLEX COUPLING		PIP31010			S
0350	323252	1.0	3903-03544 3/16 SYNDFLEX FEMALE 37 DEG		PIP31015			S
0083	L080784	1.0	OPERATORS SPLIT RING LATCH	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

SERIAL NUMBER: D94006 CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			SWIVEL					
0355	323444	1.0	4-4 VTX-S 45 ELBOW 1/4X1/4 NO NUT PARKER		PIP21088			S
0360	309585	1.0	3/8 X 1/4 F.S. HEXAGON REDUCING BUSHING		PIP11020			S
0370	305824	4.0	NO. 5400 1/8 IN. N.P.T.X 90 DEG.		LUB40010			S
			GREASE FITTING					
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.		
0083	L080784	1.0	OPERATORS SPLIT RING LATCH	2 END	01/22/94	D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	053372	1.0	LAYOUT, SPLIT RING LATCH; HELPER'S			053372-F*A	B	M
0020	304034	6.0	SCREW, 1/2-13 X 3 1/4 LG. SOC HEAD CAP		FAS70030			S
0030	326931	6.0	105-01 DISC-LOCK LOCK WASHER 1/2"		FAS80010	042286-B	B	S
			REF DRAWING 42286-B;NL-6					
0040	044638	1.0	WEDGE LOCKING; OPERATORS			044638-C	C	M
0050	306623	2.0	P-61 3/8 DIA. X 2 IN. LG. STD. REID		FAS60020			S
			ROLL PIN					
0060	045425	1.0	PIVOT, LATCH			045425-B	B	P
0065	045449	1.0	PIVOT, LATCH			045449-B	B	P
0080	303990	14.0	SCREW, 3/8-16 X 7/8 LG. SOC HEAD CAP		FAS70030			S
0090	044319	2.0	KEY, 3/4" SQ.			044319-B	B	P
0100	303976	2.0	SCREW, 5/16-18 X 1 LG. SOC HEAD CAP		FAS70030			S
0110	303987	4.0	3/8-16 X 1/2 LG. SOCKET HEAD CAP SCREW		FAS70030			S
0120	327486	2.0	90313A115 MCMASTER CARR STAINLESS STL.		FAS80010			S
			FENDER WASHER .062x13/32 I.D.x1-1/2 O.D.					
0130	044637	1.0	WEDGE LOCKING; HELPERS			044637-C	C	M
0140	304030	2.0	SCREW, 1/2-13 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0150	304027	2.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0160	044646	1.0	PLATE, MOUNTING; EYE BRACKET			044646-C	B	P
0170	306667	2.0	PIVOT PIN HYDROLINE NO. C-9003-3		CYL50010			S
0180	044313B-02	1.0	ROD, TIE; SPLIT RING LATCH			044313-B	L	P
0190	303556	2.0	WASHER, 3/8 PLAIN		FAS80010			S
0200	330199	1.0	A5C 2B 1-1/4S 1R #2 ROD END CUSHION HEAD		CYL60010			P
			END HYDROLINE					
0210	327485	2.0	RB-6 REID CIRCULAR REST BUTTON 3/4" O.D.		MISHHH			S
0220	303973	2.0	SCREW, 5/16-18 X 5/8 LG. SOC HEAD CAP		FAS70030			S
0230	045424	1.0	LATCH, SPLIT RING			045424-C	E	M
0235	045456	1.0	LATCH, SPLIT RING; HELPERS INSIDE			045456-C	D	M
0240	319608	1.0	EYE, FEMALE C-9304 HYDROLINE		CYL50010			P
0250	044644	1.0	PLATE, CYLINDER; HELPERS			044644-C	A	M
0260	306680	1.0	EYE BRACKET C8903 HYDROLINE		CYL50010			P
0270	303991	4.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0310	323245	4.0	3130-04-1/4 HOSE 2750 PSI MAX SYNFFLEX		PIP30030			S
0340	323374	1.0	3903-03104 3/16 SYNFFLEX COUPLING		PIP31010			S
0350	323252	1.0	3903-03544 3/16 SYNFFLEX FEMALE 37 DEG		PIP31015			S
0084	1080785	1.0	HELPERS SPLIT RING LATCH	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			SWIVEL					
0355	323444	1.0	4-4 VTX-S 45 ELBOW 1/4X1/4 NO NUT PARKER		PIP21088		-	S
0360	309585	1.0	3/8 X 1/4 F.S. HEXAGON REDUCING BUSHING		PIP11020		-	S
0370	305824	4.0	NO. 5400 1/8 IN. N.P.T.X 90 DEG.		LUB40010		-	S
			GREASE FITTING					

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	052645	1.0	BASE, MACHINE - MODEL 836A			052645-F	C	M
0020	023533	1.0	PLATE, COVER			023533-A	-	M
0030	036384	1.0	PLATE, COVER			036384-C	A	M
0050	301172	8.0	P1161A RUBBER ASB .062 X 1 X 42 CUT		MISGGG			S
0060	041433	2.0	COVER, PLATE			041433-C	A	M
0080	042630	2.0	PLATE, COVER			042630-D	A	M
001	H42630	1.0	PLATE, COVER		HRS			P
			1/2"TH'K X 19"DIA. HRS T/C					
			SANDBLAST , PRIMEPAINT ONESIDE					
			AND DRILL HOLES PER PRINT 42630-D					
0090	326668	2.0	2-462 O-RING VITON 16 1/2 X 17 X 1/4		RIN11010			S
0100	303991	46.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0110	303992	36.0	SCREW, 3/8-16 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0120	049897	1.0	BAFFLE, BASE; MACHINE			049897-C	A	M
0130	049896	1.0	BAFFLE, BASE; MACHINE			049896-C	B	M
0140	330084	12.0	IM-121-175-TR LEVEL-RITE PRESS MOUNT		MISMMM			P
			W/ 1 3/4 - 12 X 7.00 OAL SCREW, UNISORB					
0150	330085	12.0	WASHER, FLAT; 1 3/4		FAS80010			S
0160	055422	1.0	PAN, PIN INTENSIFIER MANIFOLD			055422-C	A	P
0170	055423	1.0	PAN, PUMP MANIFOLD			055423-C	A	P
0180	054796C-02	1.0	RISER, PUMP MANIFOLD			054796-C	B	P
0190	054795C-02	1.0	RISER, PUMP MANIFOLD			054795-C	B	P

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.
0090	L080886	1.0	BASE AND ATTACHED PARTS	END		01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0020	052790	1.0	MOUNT, CYLINDER			052790-D	B	M
002	W52790	1.0	MOUNT, CYLINDER FABRICATE, SANDBLAST AND PRIMEPAINT		FAB			P
003	G52790	1.0	MOUNT, CYLINDER MACHINE COMPLETE PER PRINT #52790-D		MACHINING			P
0030	040192	1.0	PLATE, LIFT CYLINDER MOUNTING			040192-B	A	M
0040	042459B-02	1.0	KEY, SUPPORT; SHOT CYLINDER MTG PLATE			042459-B	E	P
0060	016205	1.0	ADAPTOR, LIFT			016205-A	B	S
0070	043601	1.0	ROD, LIFT CYLINDER EXTENSION			043601-B	A	P
0080	327278	1.0	CYLINDER HYDROLINE N5F 5B 10S 2.0R RE #2 #12 SAE PORTS		CYL20010			P
0090	020918	2.0	BAR, ANCHOR			020918-B	D	M
002	G20918	1.0	BAR, ANCHOR MILL, DRILL, WELD TO PRINT PRINCE MATERIAL		MACHINING			P
0100	044929	4.0	STRAP, ACCUMULATOR			044929-C	A	P
0110	002824	1.0	BLOCK, JUNCTION			002824-A	B	S
0120	026213	2.0	CLAMP, TUBING			026213-A	A	S
0130	029459	2.0	PAD, ACCUMULATOR			029459-A		M
0140	033400	1.0	SPACER, 9"			033400-A		P
0150	037454	2.0	PLATE, SHIM			037454-A	B	M

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	052998	1.0	ASSEMBLY, CYLINDER; SHOT			052998-F*A	A	M
0020	052993	1.0	HEAD, CYLINDER; SHOT			052993-F	B	M
002	028208	1.0	SEAT, POPPET			028208-A	C	S
003	028309	1.0	SEAT, POPPET			028309-A	C	S
0025	050918	1.0	COVER, HEAD; SHOT CYLINDER			050918-C		P
0030	317062	1.0	2-261 O-RING BUNA-N 6 3/4 X 7 X 1/8		RIN11020			S
0040	039490	1.0	BARREL, CYLINDER; SHOT			039490-D	A	M
001	035261	1.0	BLOCK, FLANGE			035261-B	D	S
004	G39490	1.0	BARREL, CYL. SHOT		MACHINING			P
			LATHE, HONE, MILL COMPLETE					
0050	304115	12.0	SCREW, 1 1/4-7 X 4 1/2 LG. SOC HEAD CAP		FAS70030			S
0060	036285	1.0	ROD, PISTON			036285-D	B	M
001	007428	1.0	BUSHING, SHOT SKIRT			007428-A	B	S
0070	302817	4.0	PISTON RING 6 X 1/4 STEP CUT R-14048		RIN12010			S
0080	317057	1.0	2-256 O-RING BUNA-N 5 3/4 X 6 X 1/8		RIN11020			S
0090	305387	1.0	256 BACKUP RING TEFLON 5 3/4 X 6		RIN10010			S
0100	040154	1.0	GUIDE, 6B-3.5R BEARING			040154-D	B	M
001	032452	2.0	BEARING, SHOT ROD			032452-A	C	S
002	008727	1.0	BEARING, SPACER-ROD			008727-A		M
0110	304112	1.0	SCREW, 1 1/4-7 X 3 LG. SOC HEAD CAP		FAS70030			S
0120	304120	11.0	SCREW, 1 1/4-7 X 7 LG SOC HEAD CAP		FAS70030			S
0130	052821	1.0	PLATE, CYLINDER MOUNTING; SHOT			052821-D	B	M
002	G52821	1.0	PLATE, CYLINDER MOUNTING		MACHINING			P
			MILL & DRILL TO PRINT 52821-D					
0140	020917	2.0	KEY			020917-A	C	P
0150	303994	2.0	SCREW, 3/8-16 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S
0160	310819	1.0	3750 3500-625B VITOM POLYPAK TYPE B		PAC11010			S
0170	040500	1.0	GLAND, SHOT			040500-C	D	M
001	044267	1.0	BUSHING, GLAND; SHOT CYLINDER			044267-B	A	S
002	044268	1.0	HOUSING, GLAND; SHOT CYLINDER			044268-C	A	M
0180	322269	1.0	WIPER TYPE D-3500 PARKER		MISWWW			S
0200	304027	6.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0210	305356	1.0	225 BACK UP RING TEFLON 2 1/8 X 1/8		RIN10010			S
0220	317026	1.0	2-225 O-RING BUNA-N 1 7/8 X 2 1/8 X 1/8		RIN11020			S
0230	029167	1.0	PLUNGER SUPERSEDED BY 029167B-01			029167-B	J	P
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 1	PRINT DATE	SERIAL NO.		
0110	L081296	1.0	SHOT CYLINDER 6B X 3 1/2R X 27S	CONTINUED	01/22/94	D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0240	317035	1.0	2-234 O-RING BUNA-N 3 X 3 1/4 X 1/8		RIN11020			S
0250	048581D-02	1.0	SUPPORT, PLUNGER			048581-D	A	M
0260	304049	10.0	SCREW, 5/8-11 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0270	322537	1.0	NUT, 1 3/4 5 COARSE THD JAM		FAS50020			S
0280	025613	1.0	COVER, PLUNGER			025613-B	B	M
001	309813	13.5	3-1/2 IN. PIPE BLACK IRON SEAMLESS SCH80		PIP10010			S
002	320883	1.0	3-1/2 IN. LADISH PIPE CAP NO. 49		PIP12030			S
004	G25613	1.0	COVER, PLUNGER		MACHINING			P
			LATHE, MILL, WELD TO PRINT					
			PRINCE MATERIAL					
0290	304119	10.0	SCREW, 1 1/4-7 X 6 1/2 LG. SOC HEAD CAP		FAS70030			S
0300	038097	1.0	ELBOW, FLANGED BLOCK 3"			038097-C	A	S
0310	047769	1.0	SUBPLATE, SHOT CYLINDER HEAD			047769-D	B	M

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	040517	1.0	ASSEMBLY, INSTRUCTIONS ROTARY ENCODER			040517-C*A	A	M
0020	040469	1.0	ASSEMBLY, ENCODER; ROTARY			040469-D	D	M
001	046518	1.0	SHAFT, GEAR; SHOT ENCODER			046518-C	B	S
002	035010	1.0	YOKE, MOUNTING			035010-C	C	S
003	035002	1.0	CAP, BEARING			035002-B	-	S
004	035013	1.0	CLEVIS			035013-C	B	S
005	035015	1.0	SPACER, ENCODER			035015-C	F	S
006	324556	2.0	SKF 6200-2RS BALL BEARING		BEA10010			S
007	325655	2.0	5101-39 TRUARC RETAINING RING		RIN14010			S
008	327899	1.0	C041A-4 MULT BEAM COUPLING BERG REF. 46518-C SHAFT		COU20050			S
010	324639	1.0	ENCODER, ROTARY;BEI DWG 40988-D #H25D-SS -942-AB-88C30-SM16-S: FLAT ON SHAFT, +12V INPUT/OUTPUT; #924-01002-2437A		ELE25010	040988-D	A	S
011	303948	8.0	SCREW,10-24 X 1/2 LG. SOC HEAD CAP		FAS70030			S
012	324557	1.0	SPUR GEAR P20S37-60 20 PITCH 60 T BERG		MISGGG			S
013	324008	1.0	ROLL PIN,P-16 1/8 DIA X 1" LG STD REID		FAS60020			S
014	326251	2.0	OILITE BEARING NO. AA-507-5		BEA10020			S
015	324551	1.0	3/8 DIA X 3 SHLD 5/16-18 THD SOC. HEAD SHOULDER SCREW		FAS70050			S
016	301772	1.0	NUT, 5/16-18 NC JAM		FAS50020			S
017	324638	2.0	OILITE BEARING TT 710 2		BEA10020			S
018	324917	1.0	LEE SPRING LC-067G-4-MUSIC WIRE		SPR20010			S
019	303955	4.0	SCREW,10-24 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S
0030	303992	2.0	SCREW, 3/8-16 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.
0120	L041330	1.0	BEI ROTARY ENCODER	END		01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	042623	1.0	ASS'Y, SHOT LIMIT SWITCH			042623-D*A	C	M
0020	042264	1.0	BRACKET, PULLER			042264-D	C	M
0030	042245D-04	1.0	ACTUATOR, ROD; SHOT ENCODER			042245-D	T	M
0040	326932	1.0	1185-BCN-1000 HELICOIL INSERT 1/2-13 THD X 1.00 LG		FAS90010			S
0050	304028	1.0	SCREW, 1/2-13 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S
0060	326931	1.0	105-01 DISC-LOCK LOCK WASHER 1/2" REF DRAWING 42286-B;NL-6		FAS80010	042286-B	B	S
0070	041558C-04	1.0	RACK, GEAR			041558-C	R	M
0080	303949	9.0	SCREW, 10-24 X 5/8 LG. SOC HEAD CAP		FAS70030			S
0090	306588	2.0	P-26 3/16 DIA. X 3/4 IN. LG. STD. REID ROLL PIN		FAS60020			S
0100	040459	1.0	SUPPORT, BEARING			040459-D	C	M
002	G40459	1.0	BEARING, SUPPORT, MACHINE TO PRINT, PRINCE MATERIAL		MACHINING			P
0110	326252	2.0	IGLIDE TS-2426-24 BEARING		BEA20070			S
0120	303993	4.0	SCREW, 3/8-16 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0130	030110	2.0	SHIELD, SIDE, SUPERSEDED BY 037107C-07			030110-B	E	P
0140	308552	4.0	BURNISHED CAST ALUM DOOR PULL MCMASTER- CARR 1646A34		MISHHH			S
0150	307778	16.0	SCREW, 1/4-20 X 3/4 LG. BUTTON HEAD CAP		FAS70010			S
0160	303557	16.0	WASHER, 1/4" LOCK		FAS80010			S
0170	306383	16.0	NUT, 1/4-20 NC HEAVY HEX		FAS50035			S
0180	035730	1.0	CATWALK			035730-C	E	M
0190	029746	2.0	BRACKET, CATWALK			029746-B		S
0200	036025	1.0	SPACER, CATWALK 1 1/2" SUPERSEDED BY 036051B-02			036025-A	A	P
0205	303996	2.0	SCREW, 3/8-16 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0210	030287	1.0	BRACKET, SEALTITE SUPPORT			030287-A	A	S
0220	029704	1.0	BAR, L.S.			029704-B	A	S
0230	025796	2.0	SUPPORT, LIMIT SWITCH BAR			025796-A		S
0240	010255	2.0	PLATE, LIMIT SWITCH			010255-B	C	S
0250	002202	2.0	CLAMP, LIMIT SWITCH			002202-A		S
0260	303991	2.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0270	303992	2.0	SCREW, 3/8-16 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.	
0121	L081367	1.0	SHOT ACTUATOR ROD COMPONENTS	END		01/22/94	D94006	

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	044884	1.0	ASS'Y, LIMIT SWITCH; CLOSING			044884-D*A		M
0010	042341C-03	2.0	BAR, LIMIT SWITCH			042341-C		T M
0020	044883	1.0	TUBE, ACTUATING			044883-D		A M
001	442957	52.6	1.993/1.995"O.D. X 1 1/2" I.D. TUBE GRIND O.D. TO SIZE, 2 1/16" X 9/32"WALL ALT: 2 1/8"O.D. X 5/16"WALL		RAW20050			S
0040	306265	1.0	SCREW, 3/4-10 X 2 3/4 LG. HEX HEAD CAP		FAS70040			S
0050	002202	9.0	CLAMP, LIMIT SWITCH			002202-A		S
0060	010255	9.0	PLATE, LIMIT SWITCH			010255-B		C S
0065	303962	18.0	SCREW, 1/4-20 X 1 LG. SOC HEAD CAP		FAS70030			S
0080	044885	1.0	ACTUATOR, LIMIT SWITCH			044885-B		A P
0085	303974	2.0	SCREW, 5/16-18 X 3/4 LG. SOC HEAD CAP		FAS70030			S
0090	025073	1.0	CLAMP, LIMIT SWITCH			025073-A		B S
0095	303995	4.0	SCREW, 3/8-16 X 2 LG. SOC HEAD CAP		FAS70030			S
0100	042356	1.0	SUPPORT, LIMIT SWITCH			042356-B		A P
0130	319823	2.0	WASHER, COMPRESSION 12-L-112, 3/4 6000# SOLON		FAS80010			S
0140	306639	1.0	RP-28120 3/16 DIA X 2" LG REID ROLLPIN		FAS60020			S
0150	042346B-03	2.0	SPACER, LIMIT SWITCH			042346-B		D P
0155	304004	2.0	SCREW, 3/8-16 X 5 LG. SOC HEAD CAP		FAS70030			S
0160	042346B-02	2.0	SPACER, LIMIT SWITCH			042346-B		D P
0165	303998	2.0	SCREW, 3/8-16 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0170	306600	1.0	ROLL PIN, P-38 1/4 DIA X 3/4" LG STD REID		FAS60020			S
0130	081375	1.0	CLOSING LIMIT SWITCH					

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	040286	1.0	MANIFOLD, PUMP			040286-E	M	M
0020	048995	1.0	MANIFOLD, CARTRIDGE VALVE; CVCS			048995-F	F	M
0021	044728	4.0	ADAPTOR, 40MM CARTRIDGE VALVE			044728-C	B	S
0022	044726	2.0	ADAPTOR, 16MM CARTRIDGE VALVE			044726-B	B	S
0023	325516	2.0	32 HP50N S 2 1/2-12 STR THRD SOC PLUG		PIP11041			S
			PARKER					
0024	325515	2.0	24 HP50N S 1 7/8-12 STR THRD SOC PLUG		PIP11041			S
			PARKER					
0030	324582	1.0	1-1213-06 PHD ALUM MANIFOLD		MISMMM			P
0040	324748	2.0	1-1122-02 PHD ALUM MANIFOLD		MISMMM			S
0050	321181	1.0	1-1122-04 PHD ALUM. MANIFOLD		MISMMM			S
0060	021114	1.0	MANIFOLD, HYDRAULIC GEAR MOTOR			021114-D	M	M
0070	016848	1.0	MANIFOLD, AUXILIARY EQUIPMENT			016848-C	E	S
0080	034853	1.0	BLOCK, JUNCTION			034853-C		M
0090	036302	1.0	SHUTTLE, INTENSIFIER			036302-D	B	P
0100	008901	6.0	MANIFOLD, SAFETY DOOR			008901-C	F	S
0110	326507	1.0	A12L2772K38K 12 GAL PARKER ACC ASME		ACC10030	028478-D	H	P
			PRINCE 28478-D					
0120	326509	1.0	A7L2310D19E 10 GAL PARKER ACC ASME		ACC10030	014084-B		P
			PRINCE 14084-C					
0130	327052	1.0	A7L1155AIE VITON 5 GAL REF 14084-C		ACC10030			P
			PARKER ACCUMULATOR, ASME					
0140	046101	1.0	ACCUMULATOR, 25 GALLON; HORIZONTAL			046101-C	B	P
			MOUNTING					
0150	035634	1.0	FLANGE, ADAPTOR 2 1/2-1			035634-B	A	P
0160	013344	2.0	STRAP, ACCUMULATOR 8IN ID X 10IN LG			013344-A	B	S
0170	044585	1.0	SPACER, BRACKET; MANIFOLD			044585-B	A	P
0180	039649	1.0	BRACKET, MANIFOLD			039649-C	C	P
0190	046926	1.0	MANIFOLD, R.H. INTENSIFIER ACCUMULATOR;			046926-E	F	M
			HYCON BALL VALVE					
0200	053045	1.0	MANIFOLD, SHOT CONTROL; 40MM			053045-F	C	M
002	045361	1.0	SEAT, BINARY VALVE			045361-B	B	M
003	050470	1.0	SEAT, POPPET			050470-C	C	S
0210	028802	1.0	PLATE, ACCUMULATOR MOUNTING			028802-C	L	M
0220	043807	1.0	PLATE, MOUNTING; SHOT CONTROL MANIFOLD			043807-C	B	M
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.		
0140	L081688	1.0	MANIFOLDS	1 CONTINUED	01/22/94	D94006		

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	047833	1.0	LAYOUT, MOTOR & COUPLING			047833-C*A	A	M
0007	037362	1.0	INSTRUCTIONS, MOTOR MOUNTING			037362-A*A	A	M
0010	320275	1.0	75HP MOTOR, 1200RPM, 445USC FRAME TEFC * DBL C-FACE, DBL SHORT SHAFT W/FEET 1.15S.F., 3/60/460VAC, W/ TOP JCT BOX		MOT20010			S
0020	317659	1.0	COUPLING, MAGNALOY NO. 500 1 1/4 X 5/16 X 2 1/8 X 1/2K		COU20040			S
0030	319848	1.0	COUPLING, MAGNALOY NO. 500 7/8 X 3/16 X 2 1/8 X 1/2K SHIP FULL ASSMYS. ONLY		COU20040			P
0040	324992	1.0	445-S-C2 PAUL MUNROE PUMP MOUNT SPACER SUB 5-78-2C VECTOR W/O MOTOR PILOT BSF#BF1302-356-X-7.68		PUM15010			S
0050	325159	1.0	5-68-2B-M90 PUMP SPACER VECTOR W/COVER BSF #1202-356-X-6.88		PUM15010	042219-C	A	S
0060	013867	3.0	FLANGE, TYPE FW4 64-64 WELD 4"			013867-A	D	S
0070	013865	1.0	FLANGE, TYPE FW4 40-40 *301147* WELD 2.5"			013865-A	C	S
0080	325349	1.0	4" ELBOW LADISH NO.940		PIP11031			S
0090	310619	1.0	4 X 2-1/2 90 DEG SCH 40 BUTT WELD RED. ELBOW		PIP11032			S
0100	016106	4.0	NIPPLE, 4 IN BARBED			016106-A	B	S
0110	316883	8.0	LT DUTY HOSE 4 IN. SERIES 400 GRN CODE 416 GEN-LINE		PIP30030			S
0120	317284	8.0	T42C-75-475-S VOSS T-BOLT CLAMP 4 3/4"		PIP32010			S
0130	325204	4.0	D-1/2 RED LINE PAD 3"X3" W/3/4 CENTER HOLE UNISORB		MISMMM			S
0140	325205	4.0	D-1/2 RED LINE PAD 2" DIA W/3/4 CENTER HOLE UNISORB		MISMMM			S
0150	317046	3.0	2-245 O-RING BUNA-N 4 3/8 X 4 5/8 X 1/8		RIN11020			S
0160	317033	1.0	2-232 O-RING BUNA-N 2 3/4 X 3 X 1/8		RIN11020			S
0180	317041	4.0	2-240 O-RING BUNA-N 3 3/4 X 4 X 1/8		RIN11020			S
0250	303548	4.0	WASHER, 1/2" PLAIN		FAS80010			S
0260	301805	4.0	NUT, 1/2-13UNC NYLON INSERT		FAS50025			S
0270	325282	4.0	B-44-3 5/8ID X 13/16OD X 1-1/4 LG TYGON		MISTTT			S
0150	L081749	1.0	MOTOR AND COUPLING	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0001	052587	1.0	LAYOUT, LUBE; TRABON OIL			052587-D*A	A	M
0005	327959	1.0	FAUVER/TRABON PUMP RESERVOIR PACKAGE PER DWG. 46773-D	1078	LUB30010			P
0020	301215	1.0	GAGE,PRESSURE LIQ FILLED 2 1/2 IN. CBM 3000 PSI BK MTD #7214-2-1/2-1/4-0-3000LF CF1P-210D		GAG10010			S
0025	323876	1.0	INDICATOR,510-599-000-TRABON CYCLE & BRACKET ASSEMBLY		LUB30010			S
0035	324251	1.0	MSP-X-07-30SCR-30S-20S-30S-10T-30C-10T	1050	LUB30030			P
0040	323840	1.0	MSP-X-05-20S-10T-20T-10T-20T	1050	LUB30030			P
0045	323841	1.0	BLOCK,LUBE MSP-X-04-10S-10T-20T-10T	1050	LUB30030			P
0050	323842	1.0	MSP-X-03-20T-20T-10T LUBE BLOCK	1050	LUB30030			P
0055	323843	4.0	BLOCK,LUBE MSP-X-03-10T-20T-20T	1050	LUB30030			P
0060	323844	4.0	BLOCK,LUBE MSP-X-03-20T-10T-10S	1050	LUB30030			P
0065	324229	1.0	MSP-X-05-10T-20T-10T-10S-30S LUBE BLOCK	1050	LUB30030			P
0070	324228	1.0	MSP-X-05-30S-10S-10T-20T-10T LUBE BLOCK	1050	LUB30030			P
0080	323847	1.0	BLOCK,LUBE MSP-X-05-30T-20T-10T-10T-10T	1050	LUB30030			P
0085	311993	2.0	BLOCK,MD4		LUB20020			S
0090	311991	2.0	BLOCK,MD2		LUB20020			S
0095	018582	13.0	BLOCK, 1/4-90 DEGREE JUNCTION			018582-B	A	S
0100	018581	1.0	BLOCK, 1/4-90 DEGREE JUNCTION			018581-B	A	S
0105	010312	2.0	BLOCK, 1/4 X 1/4 X 1/4 X Z JUNCTION			010312-B	A	S
0110	010311	4.0	BLOCK 1/8 X 1/8 X 90 JUNCTION			010311-B	A	S
0115	031323	2.0	BLOCK, LUBE JUNCTION			031323-B	A	S
0120	308144	10.0	CLIP, 1/4 X 1 TUBING		LUB10010			S
0125	308145	6.0	CLIP, 1/4 X 2 TUBING		LUB10010			S
0130	308146	10.0	CLIP, 1/4 X 3 TUBING		LUB10010			S
0135	308147	4.0	CLIP, 1/4 X 4 TUBING		LUB10010			S
0140	308148	5.0	CLIP, 1/4 X 5 TUBING		LUB10010			S
0145	308138	2.0	CLIP, 1/4 X 6 TUBING		LUB10010			S
0150	305768	8.0	91048 LINCOLN SWIVEL FITTING		PIP21010			S
0160	318480	64.0	SCREW, 1/4-20 X 1/2 TYPE 23 HEX WASHER HD. SELF-TAP		FAS70010			S
0165	323972	80.0	SCREW, 1/4-20 X 1-1/2 TYPE 23 HEX WASHER HD. SELF-TAP		FAS70010			S
0160	LIST NO. L081861	QTY 1.0	DESCRIPTION TRABON LUBRICATION - OIL	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0170	318482	38.0	SCREW, 1/4-20 X 1 7/8 TYPE 23 HEX WASHER HD. SELF-TAP		FAS70010		-	S
0175	305732	50.0	4 CB12-B BRS MALE ELL 1/4 TUBE OD 1/8 THD FAUVR		PIP21030		-	S
0180	305733	15.0	4-4 CB12-B BRS MALE ELL 1/4 TUBE OD 1/4 THD FAUVR		PIP21030		-	S
0185	305716	70.0	3 FB 12-B BRS MALE CONN 3/16 OD 1/8 THD FAUVR		PIP21080		-	S
0190	305717	30.0	4 FB 12-B BRS MALE CONN 1/4 OD 1/8 THD FAUVR		PIP21080		-	S
0195	305718	15.0	4-4 FB 12-B BRS MALE CONN 1/4 OD 1/4 THD FAUVR		PIP21080		-	S
0200	305731	60.0	3 CB12-B BRS MALE ELL 3/16 TUBE OD 1/8 THD FAUVR		PIP21030		-	S
0205	308221	15.0	BRASS 45 STREET EL. WTHRHD 1/4 IN.		PIP21030		-	S
0210	311843	144.0	3/16 BUNDY WELD TUBING .020 WALL		PIP10010		-	S
0215	311844	180.0	1/4" BUNDY WELD TUBING .028 WALL		PIP10010		-	S
0220	032981	4.0	T-BLOCK, TRABON LUBE			032981-A	A	S

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	040571	1.0	ASSEMBLY, SAFETY BAR			040571-D*A	B	M
0020	002212	2.0	SUPPORT, GUIDE; SAFETY BAR			002212-A	-	S
0030	002213	2.0	GUIDE, HELPERS (SIDE)			002213-A	-	S
0040	304032	6.0	SCREW, 1/2-13 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0050	303966	4.0	SCREW, 1/4-20 X 2 LG. SOC. HEAD CAP		FAS70030			S
0060	040570	1.0	BLADE, SAFETY BAR			040570-B	B	S
0070	306068	1.0	DOWEL, 1/2 X 3 PULL		FAS30010			S
0080	012757	1.0	BAR, SAFETY			012757-B	C	M
0090	304069	1.0	SCREW, 3/4-10 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0100	002219	1.0	DECK			002219-B	I	S
0110	303991	6.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0120	015325	1.0	SUPPORT, HELPERS SIDE SAFETY BAR			015325-B	F	S
0130	304100	2.0	SCREW, 1-8 X 3 LG. SOC HEAD CAP		FAS70030			S
0140	002221	1.0	PAD, WEAR			002221-A	-	S
0150	015324	1.0	SUPPORT, OPERATORS SIDE SAFETY BAR			015324-B	F	S
0160	304100	2.0	SCREW, 1-8 X 3 LG. SOC HEAD CAP		FAS70030			S
0190	324533	1.0	R5F 2B, 1R, 1 1/2 S, NO CUSHION, NPT PORTS A DIM=3/4, 4 LB. BREAKAWAY TO BE "BROKEN IN" BY HYDROLINE AIR CYLINDER	1087	CYL20010	037236-S	C	S
0200	303974	4.0	SCREW, 5/16-18 X 3/4 LG. SOC HEAD CAP		FAS70030			S
0210	317584	2.0	AIR BREATHERS, CEC-2-1/4" AIR MUFFLER		FIL40010			S
0220	002441	1.0	PLATE, SPACER W/CENTER HOLE			002441-A	-	S
0230	040572	1.0	KEY, SAFETY BAR			040572-B	B	P
0240	327186	1.0	3/4-16 JAM NUT WITH NYLON INSERT		FAS			S
0250	043048	1.0	WASHER, SAFETY BAR			043048-B	A	S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	037080	1.0	ASS'Y, DEAD BAR			037080-C*A	-	M
0020	033880	1.0	BAR, DEAD			033880-C	-	M
001	013910	2.0	HUB-BUSHING			013910-A	-	P
002	033877	1.0	CAP			033877-A	-	M
003	033878	2.0	LEG			033878-B	-	P
004	033879	1.0	BLOCK, ADJUSTMENT; DROP IN SAFETY			033879-B	C	M
005	309806	2.0	3/4 IN. PIPE BLACK IRON SEAMLESS SCH. 80		PIP10010		-	S
0030	014461	2.0	BRACKET, MOUNTING			014461-B	-	M
0040	013808	2.0	PIVOT PIN			013808-A	A	M
0050	301778	2.0	NUT, 3/4-10 NC JAM		FAS50020		-	S
0060	033887	1.0	LOCKNUT			033887-A	-	S
0070	315897	1.0	9-3216-1 LEMPCO SPRING		SPR10010		-	S
0080	315886	2.0	#TT-2001 THRUST BEARING		BEA10020		-	S
0090	014689	1.0	BLOCK, STOP-PLATE			014689-A	A	P
0100	026207	2.0	GUARD, LIMIT SWITCH			026207-A	?	P
0110	033888	1.0	BAR, ADJUSTMENT; DROP IN SAFETY			033888-B	D	M
002	G33888	1.0	BAR, ADJUSTMENT		MACHINING		-	P
			LATHE, MILL TO PRINT				-	
0120	324510	2.0	OILITE BEARING #AA-1325		BEA10030		-	S
0130	034809	1.0	PROTECTOR, THREAD			034809-C	A	P
0140	002457	2.0	CLAMP, PIPE, 3/4 IN.			002457-A	-	S
0150	037069	1.0	DEAD BAR HANDLE			037069-A	-	M
001	309806	6.0	3/4 IN. PIPE BLACK IRON SEAMLESS SCH. 80		PIP10010		-	S
002	303553	2.0	WASHER, 1" PLAIN		FAS80010		-	S
0160	037070	1.0	PULL, DEAD BAR			037070-B	B	M
0170	037071	1.0	BRACKET, BUSHING			037071-A	A	M
001	037072	1.0	PLATE, BACK UP			037072-A	A	P
002	037073	1.0	PLATE, BUSHING			037073-B	B	P
0180	037072	1.0	PLATE, BACK UP			037072-A	A	P
0190	325163	6.0	1/4 DIA WIRE ROPE		MISHHH		-	S
0200	325164	4.0	U-BOLT WIRE ROPE CLIP 1/4 DIA		MISHHH		-	S
0210	320007	1.0	AMERICAN NO. H56-22 DRILL BUSHING		BEA20050		-	S
			9/16 X 7/8 X 1-3/8				-	
0220	303960	4.0	SCREW, 1/4-20 X 3/4 LG. SOC HEAD CAP		FAS70030		-	S
0230	321611	4.0	NUT, 1/4-20 STD PLATED STEEL HEX		FAS50010		-	S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 1	PRINT DATE	SERIAL NO.		
0181	L082019	1.0	DEAD BAR ASS'Y	CONTINUED	01/22/94	D94006		

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	049942	1.0	LAYOUT, SHOT LINE PIPING			049942-D*A	A	M
0010	020479	3.0	ASSEMBLY, 4" BALL JOINT			020479-C*A	C	M
0020	015976	3.0	BALL, 4 IN.			015976-C	F	S
0030	015975	3.0	CAP, 4 IN.			015975-C	B	S
0040	012323	3.0	SPACER, MODIFIED-4" PIPE			012323-C	E	S
0050	012324	1.0	FLANGE, BALL JOINT, 4"			012324-C	G	S
0060	306512	1.0	4" 90 DEG SCH 80 LONG RADIUS BUTT WELD ELBOW		PIP11031			S
0070	309814	5.0	4 IN. PIPE BLACK IRON SEAMLESS SCH 80		PIP10010			S
0080	031186	1.0	COLLAR,WELD- 4" PIPE			031186-B		S
0090	304075	36.0	SCREW,3/4-10 X 5 LG. SOC HEAD CAP		FAS70030			S
0100	317059	3.0	2-258 O-RING BUNA-N 6 X 6 1/4 X 1/8		RIN11020			S
0110	317134	3.0	2-438 O-RING BUNA-N 6 1/4 X 6 3/4 X 1/4		RIN11020			S
0120	305451	3.0	438 BACK UP RING TEFLON 6 3/4 X 1/4		RIN10010			S
0140	303993	6.0	SCREW,3/8-16 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S

SERIAL NUMBER: D94006 CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0007	036297	1.0	ASSEMBLY, 4" CHECK VALVE			036297-C*A	-	M
0010	036294	1.0	POPPET			036294-B	B	M
002	U36294	1.0	POPPET,CARBURIZE HARDEN R./C.50-60		HEATTREAT			P
003	S36294	1.0	POPPET,FINISH GRIND TO PRINT		GRIND			P
0020	036296	1.0	COVER,CHECK VALVE			036296-B	A	M
002	G36296	1.0	COVER,CHECK VALVE		MACHINING			P
			LATHE,DRILL TO PRINT					
			PRINCE MATERIAL					
0030	028208	0.0	SEAT, POPPET			028208-A	C	S
0040	324943	1.0	9-3240-11 DANLY SPRING 10" LG.		ELE230			S
			PLEASE SHOT PEEN MUST REMOVE ALL PAINT					
0050	317049	1.0	2-248 O-RING BUNA-N 4 3/4 X 5 X 1/8		RIN11020			S
0060	304070	12.0	SCREW,3/4-10 X 3 LG. SOC HEAD CAP		FAS70030			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0007	034361	1.0	ASSEMBLY, P.O. SHOT CHECK VALVE			034361-B*A	-	M
0010	028307	1.0	CAP, END			028307-C	M	S
0020	034362	1.0	POPPET			034362-C	A	S
0030	028309	0.0	SEAT, POPPET			028309-A	C	S
0040	007538	1.0	SPRING, REF PUR #330268			007538-A	D	S
0050	316981	3.0	2-114 O-RING BUNA-N 5/8 X 13/16 X 3/32		RIN11020			S
0060	317055	1.0	2-254 O-RING BUNA-N 5 1/2 X 5 3/4 X 1/8		RIN11020			S
0070	322401	1.0	B011-TP043-4257 4 1/2 IN. O.D. T-SEAL		RIN12010			S
			PARKER					
0080	322402	1.0	B011-TP047-4257 5 IN. O.D. T-SEAL		RIN12010			S
			PARKER					
0090	304069	8.0	SCREW, 3/4-10 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0100	304031	2.0	SCREW, 1/2-13 X 2 1/2 LG. SOC HEAD CAP		FAS70030			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	033925	1.0	FITTING, COUPLER & POPPET; 63 SPEED			033925-D*A	-	M
0010	047242	1.0	ASSEMBLY, BINARY SHOT CONTROL VALVE			047242-E*A	A	M
0020	047198	1.0	RETAINER, SEAT 3 1/2" BINARY			047198-C	C	M
0040	050468	1.0	SPOOL, THROTTLING			050468-D	A	M
0050	039661	1.0	ADAPTOR, BINARY VALVE BODY			039661-B	C	S
0060	037921	1.0	COUPLER, METER (.375);(D3.50)			037921-C	A	S
0070	039330	1.0	COUPLER, METER (.187);(D3.50)			039330-C	A	S
0080	039329	1.0	COUPLER, METER (.093);(D3.50)			039329-C	A	S
0090	037938	1.0	COUPLER, METER (.046);(D3.50)			037938-C	B	S
0100	037939	1.0	COUPLER, METER (.023 END); (D3.50)			037939-C	A	S
0110	039352	1.0	BODY, VALVE, NO NOSE 3 1/2 SHIFTED 63 SP			039352-D	L	S
0120	304031	2.0	SCREW, 1/2-13 X 2 1/2 LG. SOC HEAD CAP		FAS70030			S
0130	028054	1.0	CAP, END			028054-C	C	S
0140	317044	1.0	2-243 O-RING BUNA-N 4 1/8 X 4 3/8 X 1/8		RIN11020			S
0150	322408	6.0	B011-TP035-4257 3-1/2 IN. O.D. T-SEAL PARKER		RIN12010			S
0160	317043	2.0	2-242 O-RING BUNA-N 4 X 4 1/4 X 1/8		RIN11020			S
0170	305373	4.0	242 BACK UP RING TEFLON 4 1/4 X 1/8		RIN10010			S
0180	324838	1.0	B011-TP034-4257 3 1/4 OD T-SEAL PARKER		RIN12010			S
0190	317035	1.0	2-234 O-RING BUNA-N 3 X 3 1/4 X 1/8		RIN11020			S
0200	305365	1.0	234 BACK UP RING TEFLON 3 1/4 X 1/8		RIN10010			S
0210	304026	8.0	SCREW, 1/2-13 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0220	304110	4.0	SCREW, 1-8 X 8 LG SOC HEAD CAP		FAS70030			S
0230	317013	4.0	2-212 O-RING BUNA-N 7/8 X 1 1/8 X 1/8		RIN11020			S
0240	304069	6.0	SCREW, 3/4-10 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0250	328570	1.0	TAG. PATENT; BINARY VALVE REF 47126-C		MISAAA			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	003150	1.0	ASS'Y, CHECK VALVE; 2 1/4" (LIST # L082505)			003150-D*A	-	M
0020	003153	1.0	BODY, CHECK VALVE; 2-1/4 IN			003153-D	H	M
0030	003156	1.0	CAP,END			003156-B	C	S
0040	003467	1.0	SEAT, POPPET; 2 1/4" CHECK VALVE			003467-A	C	S
0050	003159	1.0	POPPET; 2 1/4" CHECK VAVLE			003159-B	B	S
0060	317032	1.0	2-231 O-RING BUNA-N 2 5/8 X 2 7/8 X 1/8		RIN11020			S
0070	317035	1.0	2-234 O-RING BUNA-N 3 X 3 1/4 X 1/8		RIN11020			S
0080	007902	1.0	SPRING, REF PUR # 330267			007902-A	A	S
0090	304027	6.0	SCREW,1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0100	304066	4.0	SCREW,3/4-10 X 2 LG. SOC HEAD CAP		FAS70030			S
0110	007903	1.0	PLATE,BLANK 2 1/2" FLANGE			007903-B	B	S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	053044	1.0	LAYOUT, SAFETY DOORS			053044-E*A	C	M
0010	327766	1.0	CYLINDER, SAFETY DOOR, PER DWG. #45103-D		CYL20010			P
0020	306664	1.0	CLEVIS, FEMALE C-134-05 HYDROLINE		CYL50010			S
0030	306667	1.0	PIVOT PIN HYDROLINE NO. C-9003-3		CYL50010			S
0040	045095	1.0	ARM, CLEVIS			045095-B	A	P
0050	048118D-02	1.0	GUARD, CYLINDER			048118-D	L	P
0060	046816D-02	1.0	RAIL, SAFETY DOOR			046816-D	L	M
001	325358	1.0	J.B. WEBB UNIBILT OVERHEAD TRACK 20 FT		MISTTT			S
			#20200-2					
002	039236	1.0	SHIM, SAFETY DOOR TRACK			039236-A	A	S
0070	041110D-10	1.0	TRACK, SAFETY DOOR			041110-D	Z	M
001	325358	1.0	J.B. WEBB UNIBILT OVERHEAD TRACK 20 FT		MISTTT			S
			#20200-2					
002	039236	2.0	SHIM, SAFETY DOOR TRACK			039236-A	A	S
0090	046370	1.0	SPACER, CLEVIS ARM			046370-B	A	P
0100	055124	2.0	BLOCK, CLAMP			055124-C	B	S
0110	306590	2.0	ROLL PIN, P-28 3/16 DIA. X 1" LG STD REID		FAS60020			S
0120	329961	2.0	SALD 1/2 X 2P-SP SHOCK ABSORBER ENERTROL		MISSHO			P
0130	055126	1.0	SUPPORT, LH SHOCK			055126-C	A	S
0140	055125	1.0	SUPPORT, RH SHOCK			055125-C	A	S
0170	329816	7.0	ALUMINUM RD TUBE .750 OD X .058 WALL		MISTTT			S
0180	041827C-14	3.0	BRACKET, END SHEILD			041827-C	P	P
0190	042413D-70	1.0	SHIELD, END			042413-D	Z	P
0200	050242C-01	1.0	SHIELD, SAFETY DOOR			050242-C	C	P
0210	329316	1.0	E1175 MOLDED NEOPRENE BUMPER E&E		MISBBB			S
0220	050372	1.0	PAD, MOUNTING; BUMPER			050372-C	A	S
0260	046833	1.0	SPACER, MOUNTING; RAIL PULL			046833-C	B	M
0270	046832C-03	1.0	BLOCK, MOUNTING; RAIL PULL			046832-C	O	P
0280	053263D-03	1.0	BRACKET, SUPPORT; RAIL PULL			053263-D	D	P
0290	053234	1.0	BLOCK, SPACER; TIE BAR PULLER			053234-C	A	P
0340	040659	2.0	SPACER, RAIL; SAFETY DOOR			040659-B	A	S
0350	024339	5.0	TROLLEY			024339-B	A	S
			20105 PUSH TROLLEY J.E.WEBB					
0360	053012C-02	1.0	STIFFENER, BRACKET; RAIL PULL			053012-C	B	P
0370	050312	2.0	BUSHING, BAR; ACTUATOR			050312-C	A	S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0250	L082691	1.0	SAFETY DOOR	1 CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0390	050234	2.0	ARM, LIMIT SWITCH; SAFETY DOOR			050234-C	B	S
0400	329307	2.0	Z 28957 LIMIT SWITCH SCREW-ALLEN BRADLEY		MISFFF			S
0410	053400D-01	3.0	BRACKET, RAIL SUPPORT			053400-D	A	P
0420	046369C-27	1.0	PAD, CYLINDER; SAFETY DOOR			046369-C	Z	P
0430	046369C-28	1.0	PAD, CYLINDER; SAFETY DOOR			046369-C	Z	P
0440	045304C-04	1.0	PAD, CYLINDER; SAFETY DOOR			045304-C	C	P
0465	051820	2.0	GUARD, LIMIT SWITCH			051820-C	C	S
0470	303993	10.0	SCREW, 3/8-16 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0480	301803	16.0	NUT, 3/8-16UNC NYLON INSERT		FAS50025			S
0490	303962	4.0	SCREW, 1/4-20 X 1 LG. SOC HEAD CAP		FAS70030			S
0510	311754	6.0	SCREW, 1/4-20 X 1/2 LG. BUTTON HEAD CAP		FAS70010			S
0530	304026	22.0	SCREW, 1/2-13 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0540	306222	4.0	1/2-13 X 1-1/4 LG. HEX HEAD CAP SCREW		FAS70040			S
0550	303991	12.0	SCREW, 3/8-16 X 1 LG. SOC HEAD CAP		FAS70030			S
0570	315437	14.0	SCREW, 3/8-16 X 3/4 LG BUTTON HD CAP		FAS70010			S
0610	327778	4.0	SCREW, 10-32 X 1/2 LG. BUTT HD CAP		FAS70010			S
0650	307786	2.0	1/4 DIA X 3/4 SHLD 10-24 THD SOC HEAD SHOULDER SCREW		FAS70050			S
0680	303958	2.0	SCREW, 1/4-20 X 1/2 LG. SOC HEAD CAP		FAS70030			S
0700	053053	4.0	FRAME, WINDOW; SAFETY DOOR SUPERSEDED BY 053053C-01			053053-C	E	P
0710	037125	1.0	GUIDE, WINDOW			037125-B	A	P
0720	037124	1.0	GUIDE, WINDOW			037124-B	A	P
0730	037126	1.0	STOP, WINDOW			037126-A	A	P
0740	325445	14.0	1/4-20 X 5/8 LG BUTTON HD SOC CAP SCREW		FAS70010			S
0750	315819	6.0	SCREW, 3/8-16 X 1/2 LG. BUTTON HD SOC		FAS70010			S
0760	304027	2.0	SCREW, 1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0770	051343	4.0	BRACKET, SIDE; DOOR COVER			051343-C		P
0780	051342	3.0	BRACKET, SUPPORT; DOOR COVER			051342-C		P
0790	051386	2.0	BLOCK, SUPPORT; DOOR COVER			051386-C		P
0800	053048	1.0	DOOR, OPERATOR'S SAFETY			053048-D	A	P
0810	051341	1.0	BLOCK, SUPPORT; DOOR COVER			051341-C		P
0820	304029	1.0	SCREW, 1/2-13 X 2 LG. SOC HEAD CAP		FAS70030			S
0830	053051	1.0	BRACE, SHIM			053051-C	A	P
0840	325123	4.0	1/2 -13 X 1-1/2 LG.		FAS70010			S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 2	PRINT DATE	SERIAL NO.		
0250	L082691	1.0	SAFETY DOOR	CONTINUED	01/22/94	D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			BUTTON HEAD SOCKET CAP SCREW					
0850	301805	4.0	NUT, 1/2-13UNC NYLON INSERT		FAS50025			S
0860	319891	13.0	NUT, 1/4-20 NC LOCK; NYLOCK		FAS50025			S
0870	053052	1.0	COVER, DOOR; SAFETY			053052-C	A	P
0880	040669	1.0	PAD, MOUNTING; CLEVIS ARM			040669-B	B	P
0890	304025	2.0	SCREW, 1/2-13 X 1 LG. SOC HEAD CAP		FAS70030			S
0900	304031	1.0	SCREW, 1/2-13 X 2 1/2 LG. SOC HEAD CAP		FAS70030			S
0910	037122	1.0	GUIDE, WINDOW			037122-B	A	P
0920	037123	1.0	WINDOW			037123-A	A	P
			19.25"X19.25"X.25 THK LEXAN					
0930	301771	1.0	NUT, 1/4 - 20 NC JAM		FAS50020			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	049805	4.0	ASSEMBLY, ENCODER MOUNTING			049805-D*A	A	M
0001	042088	1.0	PLATE, ENCODER MOUNTING			042088-B	B	S
0002	042087	1.0	BRACKET, ENCODER MOUNTING			042087-D	E	S
0003	328819	1.0	SST-11-E2-C91C LINEAR ENCODER 0.0001 IN. 12VDC, OPEN COLLECTOR OUTPUT DRC TO BE USED WITH HIGH SPEED COUNTER MODULE		ELE25010			S
0004	303933	3.0	SCREW, 6-32 X 1/2 LG. SOC HEAD CAP		FAS70030			S
0005	303959	2.0	SCREW, 1/4-20 X 5/8 LG. SOC HEAD CAP		FAS70030			S
0006	327085	1.0	ROLL PIN, P-12 1/8 DIA X 1/2 LG STD REID		FAS60020			S
0020	008325	8.0	SUPPORT, INDICATOR ROD			008325-A	B	S
0030	004121	4.0	INDICATOR ROD, TIE BAR			004121-A	D	P
0040	328432	4.0	LEE SPRING LC-067GH-9SS		SPR20010			S
0050	303992	16.0	SCREW, 3/8-16 X 1 1/4 LG. SOC HEAD CAP		FAS70030			S
0060	303958	8.0	SCREW, 1/4-20 X 1/2 LG. SOC HEAD CAP		FAS70030			S
0065	328424	4.0	98017A200 S.S. WASHER MCMaster-CARR		FAS80010			S
0070	050458	4.0	ASS'Y, CABLE; 12V LINEAR ENCODER			050458-B	A	M
002	043195	1.0	BRACKET, SUPPORT; SEALTITE			043195-C	B	S
003	329342	1.0	165-14 FEMALE PLUG 9 PIN AMPHENOL NEWARK 38F305		ELC060			S
004	311431	10.0	8426 6 NO 20 AWG STRD RUBBER SHIELDED CABLE BELDEN		ELE23031			S
0080	324624	20.0	4015-16100 SYN FLEX 1/2 IN. AIR HOSE		PIP30010			S
0090	324625	4.0	4403-11682 SYN FLEX MALE 1/2 NPT HOSE END		PIP30010			S
0100	030287	2.0	BRACKET, SEALTITE SUPPORT			030287-A	A	S
0120	322799	50.0	CABLE, SHIELD 12 PAIR INDIV. SHIELD #5620/2012 ALPHA		ELC020			S
0130	303947	16.0	SCREW, 10-24 X 3/8 LG. SOC HEAD CAP		FAS70030			S
0150	052615	1.0	ASSEMBLY, PULL UP RESISTOR BOARD			052615-D	A	M
001	050474	1.0	PC BOARD, PULL UP RESISTOR NETWORK					S
002	329346	16.0	RES COMP 330 OHM 5% 1W A-B #RC32 GB331J		ELC080			S
003	321245	1.0	RES COMP 1K OHM 1/4W 5% A-B #RCR07CB1025		ELC08220			S
004	319481	1.0	LED, RED 1.7V@20MA STYLE T1, TYPE CMD5075		ELE33022			S
005	323214	2.0	TERM. STRIP PLUG BL12 WEIDMULLER 12601.6		ELC060			S
006	323990	2.0	TERM STRIP PC MT SL12 WEIDMULLER #1116.6		ELC060			S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.		
0260	L082773	1.0	DRC LINEAR ENCODER COMP. (DIFF./12V)	1 CONTINUED	01/22/94	D94006		

SERIAL NUMBER: D94006

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
007	323136	1.0	TERM, STRIP PLUG, BL9 WEIDMULLER 12598.6		ELC060		-	S
008	323137	1.0	TERM, STRIP PC MT, SL9 WEIDMULLER #119.6		ELC060		-	S
009	329356	2.0	1401213 SKS5 1-10 LABEL 5.08MM PHOENIX		ELE21017		-	S
			1 CARD = 25 PSC					
010	329357	1.0	1401213 SKS5 11-20 LABEL, 5.08MM PHOENIX		ELE21017		-	S
			1 CARD = 25 PSC					
011	329358	1.0	1401213 SKS5 21-30 LABEL, 5.08MM PHOENIX		ELE21017		-	S
			1 CARD =25 PSC					

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0260	L082773	1.0	DRC LINEAR ENCODER COMP. (DIFF./12V)	2	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	STDDA1	1.0	STDDA1 D/A CONVERTER					M
001	0E1D37	1.0	D/A BOARD ASM					M
			STDDA1 D/A CONVERTER					
001	034031	1.0	PC. BOARD, D/A		ELC01000			S
002	034481	1.0	PC. BOARD, ROTARY SWITCH (D/A)		ELC03100			S
003	323574	5.0	SOCKET IC 6 PIN R.N. #ICA-063-S-TG		ELC060			S
004	323573	4.0	SOCKET IC 8 PIN R.N. #ICA-083-S-TG		ELC02100			S
005	323572	18.0	SOCKET, IC, 14 PIN R-N #ICA-143-S-TG		ELC02100			S
006	323571	6.0	SOCKET, IC, 16 PIN #ICA-163-S-TG		ELC060			S
			ROBINSON NUGENT					
007	321593	4.0	SCREW, #4-40X1/4 LG PAN HEAD		FAS700			S
008	323722	8.0	SOCKET, SPRING AMP #50863-1		ELC02200			S
009	322747	10.0	SOCKET, SPRING AMP #50865-3		ELC060			S
010	323334	9.0	CAP. CER. .02/14 PIN DIP ROGERS #203A14 (33/PKG)		ELC07300			S
011	323335	3.0	CAP. CER. .03/16 PIN DIP ROGERS #303A16 (28/PKG)		ELC07300			S
013	324278	1.0	POWER SUPPLY, +/-12V #PA22-060 SEMI CRKTS. OR USE COMPUTER PRODUCTS PM597 +-12V +-400MA		ELC090			S
014	324279	1.0	POWER SUPPLY, +/-15V #PA23-060 SEMI CRKTS.		ELC090			S
015	323754	2.0	FUSE, 5 AMP LITTLEFUSE #255005		ELC13000			S
016	323215	3.0	HEADER PC MT SL12 WEIDMULLER 1103.6		ELC05100			S
017	323214	3.0	TERM. STRIP PLUG BL12 WEIDMULLER 12601.6		ELC060			S
018	324513	1.0	TERMINAL STRIP, 10 PIN #TSW-110-19-G-S SAMTEC		ELC05200			S
019	324514	1.0	SOCKET STRIP, 10 PIN #SSW-110-01-G-S SAMTEC		ELC02300			S
020	323582	9.0	SWITCH, SLIDE PC MT, ALCO #TSS11DG-1-PC		ELC03200			S
021	324273	2.0	SWITCH, ROTARY #42YY231420 GRAYHILL CIRCUIT MOUNT,		ELC060			S
022	322764	1.0	VARISTOR, 130VRMS TYPE L #V130LA10A G.E.		ELC06000			S
023	324200	1.0	CLOCK OSC., M-TRON #MCO-1-3-F-A-D 128 KHz		ELC09200			S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.		
0261	L082737	1.0	MISC. ELECTRICAL PARTS - D/A	1 CONTINUED	01/22/94	D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			(SUB CTS CX055-GB-2C-128 KHz)					
024	322727	1.0	TRANSISTOR, PNP #2N4403		ELC100			S
025	320658	2.0	DIODE #1N4002		ELC100			S
026	320657	2.0	DIODE #1N914		ELC100			S
027	323305	1.0	IC. 5.0V REFERENCE #LM336Z-5.0		ELC09310			S
028	323750	2.0	INDICATOR, LED GREEN H-P #HLMP-2820		ELC040			S
029	324275	2.0	IC. OP AMP NATIONAL #LF347N		ELC09320			S
030	322847	1.0	IC CMOS TRIPLE 3-INPUT NAND #MM74C10N		ELC09120			S
031	322844	2.0	IC. CMOS QUAD 2-INPUT NOR GATE #74C02N		ELC100			S
032	324276	1.0	IC. CMOS 10 BIT DAC NATIONAL #DAC1020LCN		ELC09200			S
033	324243	1.0	IC. 3 INPUT AND GATE RCA #CD4073BCN		ELC09120			S
			(HAR #CD4073BE)(MOTOROLA #MC14073BCL)					
034	322861	2.0	IC. CMOS 4-BIT BINARY COUNTER #74C93N		ELC100			S
035	323385	3.0	IC. CMOS 4-BIT UP/DOWN COUNTER #CD4029B		ELC100			S
036	322848	3.0	IC. CMOS HEX SCHMITT TRIGGER #74C14N		ELC100			S
			(CD40106BCN)					
037	322859	1.0	IC. CMOS QUAD 2-INPUT EX-OR GATE #74C86N		ELC100			S
			(CD4070BCN)(HAR #CD4070BF)					
038	322855	1.0	IC. CMOS DUAL D FLIP-FLOP #74C74N		ELC100			S
039	322860	1.0	IC. CMOS 4-BIT DECADE COUNTER #74C90N		ELC100			S
040	323657	3.0	IC. FREQ TO VOLT. CONV. #LM2907N		ELC09340			S
041	323656	1.0	IC. OP AMP. QUAD SINGLE SUPPLY #LM324		ELC09320			S
			(MOTOROLA #LM124JDS OR LM324J)					
042	324409	1.0	IC. OPTO-COUPLER H.P. #HCPL-3700		ELC09350			S
043	323224	3.0	IC. DUAL OPTICAL COUPLER H.P. #HCPL-2731		ELC09350			S
044	323140	4.0	IC. OPTO ISOL. SCHMITT TRIG. QTC #H11L1		ELC100			S
			(SUITABLE SUB. ECG3090)					
045	322736	1.0	IC. OPTO-COUPLER T.I. #TIL117		ELC09350			S
046	323142	1.0	RES. 7500 OHM 5W OHMITE #R5J7K5		ELC080			S
047	321468	2.0	RES. COMP 470 OHM 1/4W 5% RCR07 #CB4715		ELC08220			S
048	323592	1.0	RES COMP 200K 1/4W 5% A-B RCR07 #CB2045		ELC080			S
049	321696	2.0	RES. COMP. 3.3K OHM 1/4W 5% RCR07 CB3325		ELC08220			S
050	322092	1.0	RES. COMP. 3.9K 1/4W 5% RCR07 #CB325 A-B		ELC08220			S
051	320664	21.0	RES. COMP 10K OHM 1/4W 5% A-B RCR07		ELC080			S
052	322757	2.0	RES. COMP. 270 OHM 1/4W 5% RCR07 #CB2715		ELC08220			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			A-B					
053	321394	11.0	RES. COMP. 1.5K OHM 1/4W 5% RCR07 CB1525		ELC08220			S
			A-B					
054	322187	2.0	RES. COMP. 1M 1/4W 5% #RCR07GF105J		ELC080			S
055	321245	2.0	RES COMP 1K OHM 1/4W 5% A-B #RCR07CB1025		ELC08220			S
056	321227	8.0	RES COMP 4.7K 1/4W 5% A-B #RCR07CB4725		ELC08220			S
057	322728	5.0	RES. COMP. 2.2K OHM 1/4W 5% #RCR07CB2225		ELC08220			S
058	322552	1.0	RES. CARB. 470K OHM 1/4W 5% #CB4745 A-B		ELC080			S
059	322901	2.0	RES. COMP. 20K 1/4W 5% #RCR07CB2035 A-B		ELC08220			S
060	321122	2.0	RES. COMP. 1.2K OHM 1/4W 5% RCR07 #CB1225 A-B		ELC08220			S
061	316585	7.0	RES MTL FILM 9.31K OHMS 1% 1/8W RN55D RN55D9311F		ELC08210			S
062	324020	1.0	RES. MTL FILM 15.4K OHM 1/8W 1% RN55D RN55D1542F DALE		ELC08210			S
063	322376	2.0	RES. MTL FILM 21.5K OHM 1/8W 1% RN55D RN55D2152F DALE		ELC08210			S
064	320760	10.0	RES MTL FILM 140K OHM 1/8W 1% RN55D RN55D1403F		ELC08210			S
065	320998	2.0	RES MTL FILM 309 OHMS 1/8W 1% RN55D RN55D3090F		ELC08210			S
066	322071	2.0	RES. MTL FILM 86.6K OHM 1/8W 1% RN55D RN55D8662F DALE		ELC08210			S
067	320759	1.0	RES. MTL FILM 28.7K OHMS 1/8W 1% RN55D RN55D2872F DALE		ELC08210			S
068	321011	2.0	RES. MTL FILM 200K OHMS 1/8W 1% RN55D RN55D2003F DALE		ELC08210			S
069	320772	3.0	RES.MTL FILM 49.9K OHMS 1/8W 1% RN55D RN55D4992F DALE		ELC08210			S
070	325653	1.0	RES. MTL FILM 60.4K OHM 1/8W 1% RN55D RN55D6042F DALE		ELC08210			S
071	320769	1.0	RES. MTL FILM 249K OHMS 1/8W 1% RN55D RN55D2493F DALE		ELC08210			S
072	321117	6.0	RES. VAR 10K 10% BOURNS #3299W-1-103		ELC080			S
073	321321	1.0	CAP TANT. DIP 1/35 #T350A105K035AS KEMET		ELC080			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0261	L082737	1.0	MISC. ELECTRICAL PARTS - D/A	3 CONTINUED	01/22/94	D94006

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
074	320556	14.0	CAP CER .47/50 20% KEMET #C320C474M5U5CA		ELC07100		-	S
075	322389	2.0	CAP CER .002/50V 20% ILL CAP #CE202 (202Y5S050M)		ELC07100		-	S
076	323724	1.0	CAP CER .001UF CENTRALAB #CY15C102M		ELC07100		-	S
077	321310	14.0	CAP.CER. .1/50 20% #CY20C104M CRL 1C10X7R104K050B SPRAGUE		ELC07100		-	S
078	320544	2.0	CAP. FILM 1500PF 10% AXIAL #192P152X9200 SPRAGUE		ELC07400		-	S
079	323386	12.0	CAP. CER .01UF SPRAGUE #1C10X7R103K050B (CY15C103M CENTRALAB)		ELC07100		-	S
080	316584	1.0	RES MTL FILM 2.43K OHM 1% 1/8W RN55D RN55D2431F DALE		ELC08210		-	S
081	316583	1.0	RES. MTL FILM 1.0K OHM 1% 1/8W RN55D RN55D1001F		ELC08210		-	S
082	322397	1.0	RES. MTL FILM 6.65K OHM 1/8W 1% RN55D RN55D6651F DALE		ELC08210		-	S
083	322398	1.0	RES. MTL FILM 20.0K OHM 1/8W 1% RN55D RN55D2001F DALE		ELC08210		-	S
084	320770	1.0	RES. MTL FILM 45.3K OHM 1/8W 1% RN55D RN55D4532F DALE		ELC08210		-	S
085	324017	1.0	RES. MTL FILM 124K OHM 1/8W 1% RN55D RN55D1243F DALE		ELC08210		-	S
086	323712	1.0	CAP SILVERED MICA 300PF #CD15FD301J03		ELC07200		-	S
087	320936	4.0	#4 LOCKWASHER INTERNAL TOOTH		FAS800		-	S
002	0E1H04	1.0	D/A MODULE ASM STDDA1 D/A CONVERTER				-	M
001	323196	2.0	CAPTIVE SCREW, #2375-A HHS SMITH		ELC070		-	S
002	324519	1.0	BRACKET, ANGLE 90 DEG. #619 KEYSTONE		ELC070		-	S
003	324274	2.0	KNOB, ALUMINUM #KS-500B-1/4 ALCO		ELC070		-	S
004	320936	1.0	#4 LOCKWASHER INTERNAL TOOTH		FAS800		-	S
005	320937	1.0	NUT, #4-40 PLATED HEX		FAS500		-	S
006	323733	1.0	SCREW, BINDER HEAD 6-32X1/4 #F-503 WALDOM SPC PROD. #SBH-0632-016-SN		ELC070		-	S
007	323739	1.0	WASHER, #6, EXTERNAL #MW-423 WALDOM		ELC15400		-	S
008	323729	1.0	NUT, 6-32 X 1/4 X 3/32 #F-559 WALDOM		ELC070		-	S
0261	L082737	1.0	MISC. ELECTRICAL PARTS - D/A	PAGE 4 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			(SPC #NH-0632-006-SN)					
009	034039	1.0	FRONT PANEL DISPLAY, D/A MOD.		ALU100			S
010	323835	1.0	#4-40 X 3/8 SELF-TAP, FLAT HEAD SCREW BLACK FINISH		FAS70010			S
003	0E1B13	1.0	MODULE FRAME ASM, D/A STDDA1 D/A CONVERTER					M
001	323583	2.0	TCG1-6.675-03 CARD GUIDE RICHCO PLASTIC PCG6675 SPC TECHNOLOGY		ELC070			S
002	324467	1.0	CARD GUIDE, #6341 H.H SMITH		ELC15600			S
003	034033	1.0	TOP PLATE, MODULE FRAME		ALU100			S
004	034034	1.0	BOTTOM PLATE, MODULE FRAME		ALU100			S
005	034035	1.0	LEFT SIDE PLATE, MODULE FRAME		ALU100			S
006	034499	1.0	RIGHT SIDE PLATE DISPLAY		ALU100			S
007	034037	1.0	BACK PLATE, MODULE FRAME		ALU100			S
008	324468	16.0	#4-40X1/4 SELF-TAP FLATHEAD SCREW BLACK FINISH		FAS700			S
009	324469	6.0	#4-40X1/2 SELF-TAP FLATHEAD SCREW BLACK FINISH		FAS700			S
0020	322798	50.0	CABLE, SHLD 4 PAIR INDIV. SHLD #5620/2004 ALPHA		ELC020			S
0030	323816	10.0	5466 6 COND 20 AWG STRD SHLD CABLE ALPHA		ELE23031			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	047938	1.0	ASS'Y, TIE BAR PULLER; HYDRAULIC			047938-D*A	A	M
0020	327512	1.0	CYLINDER, TIE BAR PULL REF. DWG. 44384-C		CYL20010	044384-C	B	P
0030	304067	4.0	SCREW, 3/4-10 X 2 1/4 LG. SOC HEAD CAP		FAS70030			S
0040	044255	1.0	BRACKET, CYLINDER MOUNTING			044255-C	B	M
001	H44255	1.0	BRACKET, CYLINDER MOUNTING		HRS			P
			HRS, SUPPLY MATERIAL PER PRINT #44255-C					
			FABRICATE, SANDBLAST AND PRIMEPAINT					
002	G44255	1.0	BRACKET, CYLINDER MOUNTING		MACHINING			P
			MACHINE COMPLETE PER PRINT					
			#44255-C					
0050	304070	6.0	SCREW, 3/4-10 X 3 LG. SOC HEAD CAP		FAS70030			S
0060	044257	1.0	BRACKET, CYLINDER MOUNTING			044257-D	B	M
001	H44257	1.0	BRACKET, CYLINDER MOUNTING		HRS			P
			HRS, SUPPLY MATERIAL PER PRINT #44257-D					
			FABRICATE, SANDBLAST AND PRIME PAINT					
002	G44257	1.0	BRACKET, CYLINDER MOUNTING		MACHINING			P
			MACHINE COMPLETE PER PRINT					
			#44257-D					
0070	324034	1.0	COUPLING, C-271-16		CYL50010			S
			HYDROLINE SELF-ALIGNING					
0080	303995	12.0	SCREW, 3/8-16 X 2 LG. SOC HEAD CAP		FAS70030			S
0090	327452	1.0	C-272-16 WELD PLATE HYDROLINE		CYL50010			P
0100	047937	1.0	BRACKET, TIE BAR			047937-D	A	M
001	H47937	1.0	BRACKET, TIE BAR		HRS			P
			HRS, SUPPLY MATERIAL PER PRINT #47937-D					
			FABRICATE, SANDBLAST AND PRIME PAINT					
002	G47937	1.0	BRACKET, TIE BAR		MACHINING			P
			MACHINE COMPLETE PER PRINT					
			#47937-D					
0110	304065	4.0	SCREW, 3/4-10 X 1 3/4 LG SOC HEAD CAP		FAS70030			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0281	L082813	2.0	HYDRAULIC TIE BAR PULLER	1	01/22/94	D94006
				END		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	044903	1.0	ASSEMBLY; CYLINDER, EJECTOR			044903-C*A	A	M
0010	327714	1.0	CYLINDER, EJECTION REF. DWG. 42358-D		CYL20010			P
0020	304087	4.0	SCREW, 7/8-9 X 3 1/2 LG. SOC HEAD CAP		FAS70030			S
0030	044901	1.0	RETAINER, ROD			044901-B	A	P
0040	044902	1.0	COUPLING, RETAINER			044902-C	A	M
0050	304073	6.0	SCREW, 3/4-10 X 4 LG. SOC HEAD CAP		FAS70030			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	050169	1.0	LAYOUT, TAG PLACEMENT			050169-D*A	A	M
0010	329314	2.0	NAMEPLATE, PRINCE MACHINE; REF. 10823-C		MISAAA			S
0020	328601	2.0	TAG, MACHINE LOGO AND SERIAL # REF 12441-C		MISAAA			S
0030	328555	1.0	TAG, ROTATION; MOTOR REF 47111-C		MISAAA			S
0040	020260	60.0	TAG, BLANK; .75" X 2.60" NAMEPLATE			020260-A	A	S
0050	328552	1.0	TAG, NAME PLATE; ELECTRICAL PANEL REF DWG 11088-A		MISAAA			S
0060	328556	1.0	TAG, WARNING; OPERATOR REF 47112-C		MISAAA	047112-C	B	S
0070	328557	1.0	TAG, WARNING; CIRCUIT CHANGE REF 47113-C		MISAAA			S
0080	328558	1.0	TAG, DANGER; COLD CHAMBER REF 47114-C		MISAAA			S
0090	328559	1.0	TAG, DANGER; 460 VOLT REF 47115-C		MISAAA			S
0100	328571	1.0	USE 328572 - TAG, CAUTION ACCUM. DRAIN 4 1/2" "R" REF. DWG. 47127-C		MISAAA			S
0101	328572	1.0	TAG, CAUTION ACCUM DRAIN 47128-C		MISAAA			S
0115	328584	2.0	TAG, "USE NITROGEN ONLY" REF 42272-C		MISAAA			S
0120	328564	2.0	TAG, CAUTION; SPRING REF 47120-C		MISAAA			S
0130	328563	1.0	TAG, REMOVAL; GUARDS. REF 47119-C		MISAAA			S
0140	314713	1.0	TAG, GROOVED TIE BAR, PAT. NO. 3407685 47134-C		MISAAA			S
0145	328576	1.0	TAG, PATENT; TIE BAR ADJUST REF 47132-C		MISAAA			S
0150	328596	1.0	TAG, LOCKOUT REF 47186-C					S
0155	328597	2.0	TAG, INTENSIFIER RELIEF SETTING; IMPACT REF 47201-C		MISC			S
0160	328569	1.0	TAG, RESERVOIR; LUBE REF 47125-C		MISAAA			S
0180	328566	1.0	TAG; LUBRICATION REF 47122-C		MISAAA			S
0190	328575	1.0	TAG, SPACERS SHOT POSITION REF 47131-C		MISAAA			S
0200	328579	1.0	TAG, CAUTION; CYLINDER MTG; PLATES REF 47135-C		MISAAA			S
0210	328580	1.0	TAG, DANGER; POWER DOOR REF 47136-C		MISAAA			S
0220	329212	1.0	TAG, CAUTION; ACCUMULATOR REF 49847-C		MISAAA			S
0230	035538	4.0	TAG, BLANK; 2 1/2" X 3 1/2"			035538-A	A	S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.	
0300	L063099	1.0	TAGS	END		01/22/94	D94006	

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	036373	1.0	LAYOUT, CORE & EJECTION			036373-C*A	C	M
0020	036365	1.0	MANIFOLD,CORE			036365-F	D	M
0030	035663	1.0	MANIFOLD,BRACKET			035663-B	A	M
003	G35663	1.0	MANIFOLD,BRACKET		MACHINING			P
			WELD,MILL TO PRINT					
0040	013597	1.0	CLAMP, 1 IN. PIPE -DOUBLE			013597-B	B	S
0050	019101	2.0	CLAMP, 3/4" DOUBLE PIPE			019101-A	-	S
0060	012949	1.0	MANIFOLD,EJECTION			012949-D	H	M
0070	036494	1.0	PLATE,MANIFOLD MTG.			036494-B	A	P
0080	309134	2.0	1 IN. 90 DEG. F.S. SCREWED ELBOW		PIP11030			S
0090	021973	1.0	BLOCK,CORE LINE ADAPTOR			021973-B	-	S
0100	021975	1.0	BLOCK,CORE LINE ADAPTOR			021975-C	A	P
0110	027816	4.0	1" FLANGE, 3/4" SOCKET			027816-A	-	S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	021780	1.0	MANIFOLD, LUBE			021780-B	A	S
0020	018581	2.0	BLOCK, 1/4-90 DEGREE JUNCTION			018581-B	A	S
0030	018582	1.0	BLOCK, 1/4-90 DEGREE JUNCTION			018582-B	A	S
0040	308144	4.0	CLIP, 1/4 X 1 TUBING		LUB10010			S
0050	308145	6.0	CLIP, 1/4 X 2 TUBING		LUB10010			S
0060	308147	2.0	CLIP, 1/4 X 4 TUBING		LUB10010			S
0070	308148	3.0	CLIP, 1/4 X 5 TUBING		LUB10010			S
0080	305732	8.0	4 CB12-B BRS MALE ELL 1/4 TUBE OD 1/8 THD FAUVR		PIP21030			S
0090	305733	3.0	4-4 CB12-B BRS MALE ELL 1/4 TUBE OD 1/4 THD FAUVR		PIP21030			S
0100	305717	9.0	4 FB 12-B BRS MALE CONN 1/4 OD 1/8 THD FAUVR		PIP21080			S
0110	305821	9.0	NO.5190 1/8 IN N.P.T. STRAIGHT GREASE FITTING (LINCOLN #5190)		LUB40010			S
0120	309665	9.0	1/8 IN. N.P.T. LEVL-SEAL PIPE PLUG		PIP11040			S
0130	313272	80.0	1/4 OD X 20 GA (.035 WALL) HYD FLUID LINE TUBING		PIP20010			S
0140	323245	3.0	3130-04-1/4 HOSE 2750 PSI MAX SYNDFLEX		PIP30030			S
0150	324346	1.0	3909-04144 1/4-1/4 MALE PIPE SWIVEL 3130 SYNFLEX		PIP31015			S
0160	323249	1.0	3903-04104 1/4 SYNDFLEX COUPLING		PIP31010			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0020	036278	1.0	ADAPTER, COUPLING			036278-B	A	P
0030	016779	1.0	COUPLING,STD.SHOT C.D.C			016779-B	-	P

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	1	PRINT DATE	SERIAL NO.
0380	L083838	1.0	SHOT COUPLING	END		01/22/94	D94006

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	036290	1.0	ASSEMBLY, TOGGLE GUARDS			036290-D*A	C	M
0020	036291	4.0	GUARD, TOGGLE			036291-B	A	P
0040	036571	2.0	BLOCK, BOTTOM SUPPORT			036571-B	A	S
0050	036572	2.0	BLOCK, BOTTOM SUPPORT			036572-B	A	S
0060	036573	4.0	BLOCK, BOTTOM TOGGLE GUARD			036573-B	A	S
0070	036574	4.0	BLOCK, TOP TOGGLE GUARD			036574-B	A	S
0080	036575	2.0	BLOCK, TOP SUPPORT			036575-B	A	S
0090	036576	2.0	BLOCK, TOP SUPPORT			036576-B	A	S
0100	303994	20.0	SCREW, 3/8-16 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S
0110	303998	4.0	SCREW, 3/8-16 X 2 3/4 LG. SOC HEAD CAP		FAS70030			S
0120	304000	4.0	SCREW, 3/8-16 X 3 1/4 LG. SOC HEAD CAP		FAS70030			S
0125	303993	4.0	SCREW, 3/8-16 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0130	306630	4.0	ROLL PIN, P-68 1/2 DIA X 1 1/2 LG STD REID		FAS60020			S
0140	325025	4.0	P-69 1/2 DIA. X 1 3/4 LG. STD REID ROLL PIN		FAS60020			S
0150	325026	4.0	P-72 1/2 DIA. X 2 1/2 LG. STD REID ROLL PIN		FAS60020			S
0160	028504	1.0	GUARD, SAFETY BAR			028504-C	B	P
0170	037112	2.0	SHIELD, PINION GEAR			037112-C	A	P
0180	037113	2.0	SHIELD, PINION GEAR			037113-C	A	P
0190	035362	1.0	SHIELD, DIE HEIGHT GEAR			035362-B	B	P
0200	035363	1.0	SHIELD, DIE HEIGHT GEAR			035363-B	B	P
0210	026313	2.0	GEAR SHIELD (TOP & BOTTOM)			026313-B		P
0220	013491	2.0	SHIELD, THREADED SLEEVE END			013491-A	B	P
0225	044654	1.0	GUARD, THREADED SLEEVE; HELPERS			044654-C	E	P
0230	036445	1.0	GUARD, GAP (GEAR) OPERATOR			036445-B	A	P
0240	036446	1.0	GUARD, GAP (GEAR) HELPERS			036446-B	A	P
0260	048810	2.0	GUARD, FRONT RETAINER			048810-D	A	P
0270	012937	1.0	GUARD, SLEEVE-HELPERS SIDE			012937-A		P
0280	012938	1.0	GUARD, SLEEVE-OPERATORS SIDE			012938-A		P
0290	013490	2.0	SHIELD, THREADED SLEEVE TOP			013490-A	A	P
0300	047871	1.0	GUARD, POWER SPLIT RING; UPPER HELPERS			047871-D	A	P
0310	047872	2.0	GUARD, POWER SPLIT RING; LOWER			047872-D	A	P
0320	047870	1.0	GUARD, POWER SPLIT RING; UPPER OPERATORS			047870-D	A	P
0330	053249	1.0	GUARD, THREADED SLEEVE, OPERATOR'S			053249-C	A	P

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 1	PRINT DATE	SERIAL NO.
0390	L083959	1.0	GUARDS AND ATTACHED PARTS	CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0005	050577	1.0	ASSEMBLY, DIE CLAMP			050577-E*A	K	M
0010	326606	12.0	N5F 4B 3S 1-3/4R #4 ROD NO CUSH ROD & PISTON LIP SEALS #6 SAE PORTS POS 1 & 2 HYDRO "CROSSHATCH FOR LOW BREAKAWAY" OR 4J2HLTS193S=#6 SAE PORTS @ 1&2 PARKER		CYL20010			P
0020	304048	48.0	SCREW, 5/8-11 X 2 LG. SOC HEAD CAP		FAS70030			S
0030	035644	12.0	COUPLER, CYLINDER			035644-B		S
0040	050580	12.0	BLOCK, MOUNT; DIE CLAMP			050580-D	E	M
0050	304059	48.0	SCREW, 5/8-11 X 6 LG SOC HEAD CAP		FAS70030			S
0060	329393	6.0	TAG, DIE CLAMP; LEFT HAND REF 50582-C		MISAAA			S
0070	329394	6.0	TAG, DIE CLAMP; RIGHT HAND REF 50583-C		MISAAA			S
0080	323781	12.0	COUPLER, RAC-0075 ROD ALIGNING SHEFFER		CYL71010			P
0090	050584	12.0	FLAG, DIE CLAMP			050584-C	A	P
0100	050585	12.0	ROD, ATTACHMENT; COUPLER			050585-C	A	P
0110	303959	24.0	SCREW, 1/4-20 X 5/8 LG. SOC HEAD CAP		FAS70030			S
0120	050576D-07	8.0	EXTENSION, FORK			050576-D	K	M
0130	303978	48.0	SCREW, 5/16-18 X 1 1/2 LG. SOC. HEAD CAP		FAS70030			S
0140	050576D-08	4.0	EXTENSION, FORK			050576-D	K	M
0150	305821	12.0	NO.5190 1/8 IN N.P.T. STRAIGHT GREASE FITTING (LINCOLN #5190)		LUB40010			S
0160	050575	12.0	FORK, DIE CLAMP			050575-D	B	M

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	042664	1.0	ASS'Y, AUTO DRAWBAR CLAMP			042664-D*A	B	M
0015	036449	1.0	ASSEMBLY, DRAWBAR CLAMP PLAN VIEW			036449-D*A	A	M
0020	325012	1.0	N5DC CYL,2B,2-1/2 S,1R, #2 ROD END, DIM C=7.75,NO CUSHIONS,#10 SAE PORTS HYDROLINE		CYL20010			P
0030	304031	4.0	SCREW,1/2-13 X 2 1/2 LG. SOC HEAD CAP		FAS70030			S
0040	036525	1.0	BRACKET,CYLINDER MOUNTING			036525-B	B	P
0050	306665	1.0	CLEVIS,FEMALE C-134-08 HYDROLINE		CYL50010			S
0060	036526	1.0	LEVER			036526-B	C	P
0070	306064	4.0	DOWEL, 1/2 X 2 PULL		FAS30010			S
0080	303994	4.0	SCREW,3/8-16 X 1 3/4 LG. SOC HEAD CAP		FAS70030			S
0090	042665	1.0	LOCK, DRAWBAR			042665-C	B	M
002	U42665	1.0	LOCK,DRAWBAR HEAT TREAT TO PRINT#42665 R.C. 35/37 ; KEEP FLAT AS POSSIBLE		HEATTREAT			P
0100	036515	4.0	BLOCK,HOLD DOWN			036515-B	D	P
0110	041821	1.0	BUSHING, DRAWBAR LOCK			041821-B	A	P
0120	304071	24.0	3/4 -10 X 3-1/4 LG.SOC.HEAD CAP SCREW		FAS70030			S
0130	304027	8.0	SCREW,1/2-13 X 1 1/2 LG. SOC HEAD CAP		FAS70030			S
0140	037054	4.0	STOP,DRAW BAR			037054-B		P
0150	319609	2.0	PIN,PIVOT C-9004-3 HYDROLINE		CYL50010			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	LDE0012	1.0	CONDUIT					M
0010	310873	15.0	CONDUIT, 1/2" RIGID		ELE11010			S
0020	310864	20.0	CONDUIT, 3/4" RIGID		ELE11010			S
0030	310863	20.0	CONDUIT, 1 IN RIGID		ELE11010			S
0040	310862	15.0	CONDUIT, 1 1/4 RIGID		ELE11010			S
0050	310861	15.0	CONDUIT, 1 1/2" RIGID		ELE11010			S
0060	310860	20.0	CONDUIT, 2" RIGID		ELE11010			S
0070	304610	25.0	CONDUIT, 1/2" SEALTIGHT UA		ELE11012			S
0080	304611	30.0	CONDUIT, 3/4" SEALTIGHT UA		ELE11012			S
0090	304612	15.0	CONDUIT, 1" SEALTIGHT UA		ELE11012			S
0100	304613	10.0	CONDUIT, 1 1/4" SEALTIGHT UA		ELE11012			S
0110	304614	10.0	CONDUIT, 1 1/2" SEALTIGHT UA		ELE11012			S
0120	304616	10.0	CONDUIT, 2" SEALTIGHT UA		ELE11012			S
0130	325069	3.0	#SH40840-PP-SH 1/2" PIPE CLAMP BEHRINGER		PIP130			S
0140	325070	2.0	#SH41050-PP-SH 3/4" PIPE CLAMP BEHRINGER		PIP130			S
0150	325071	2.0	#SH51315-PP-SH 1" PIPE CLAMP BEHRINGER		PIP130			S
0160	325072	2.0	#SH51660-PP-SH 1-1/4" PIPE CLAMP BEHRINGER		PIP130			S
0170	325073	1.0	#SH61900-PP-SH 1-1/2" PIPE CLAMP BEHRINGER		PIP130			S
0180	325074	1.0	#SH62375-PP-SH 2" PIPE CLAMP BEHRINGER		PIP130			S
0190	002609	3.0	CLAMP, PIPE 1/2 IN.			002609-A		S
0200	002457	2.0	CLAMP, PIPE, 3/4 IN.			002457-A		S
0210	002458	2.0	CLAMP, PIPE 1 IN			002458-A		S
0220	002459	2.0	CLAMP, PIPE 1-1/4 IN.			002459-A		S
0230	027888	1.0	CLAMP, 1-1/2" PIPE			027888-A		S
0240	003375	1.0	CLAMP, PIPE 2"			003375-B		S
0020	LDE0002	1.0	CROUSE-HINDS					M
010	304585	6.0	GASKET 571 SOLID 1/2" CROUSE HINDS		ELE11214			S
020	304586	3.0	GASKET 572 SOLID 3/4" CROUSE HINDS		ELE11214			S
0250	314177	1.0	T 87 3" TEE CROUSE HINDS		ELE11213			S
030	310845	6.0	GASKET, 573 SOLID 1" CROUSE HINDS		ELE11214			S
040	304587	3.0	GASKET, 574 SOLID 1 1/4" CROUSE HINDS		ELE11214			S
050	304588	3.0	GASKET, 575 SOLID 1 1/2" CROUSE HINDS		ELE11214			S
060	310850	3.0	GASKET, 576 SOLID 2" CROUSE HINDS		ELE11214			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0410	L085014	1.0	MISCELLANEOUS ELECTRICAL - DCM	1 CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
070	304671	6.0	CONDUIT,170 1/2 BLANK COVER CROUSE HINDS		ELE11216		-	S
080	304672	3.0	CONDUIT,270 3/4 BLANK COVER CROUSE HINDS		ELE11216		-	S
090	304673	6.0	CONDUIT,370 1 BLANK CROUSE HINDS		ELE11216		-	S
100	304674	3.0	CONDUIT,470 1 1/4 BLANK COVER CROUSE HINDS		ELE11216		-	S
110	304675	3.0	570 1 1/2" BLANK COVER CROUSE HINDS		ELE11830		-	S
120	304676	3.0	CONDUIT,670 2 BLANK COVER CROUSE HINDS		ELE11216		-	S
130	304631	2.0	CONDUIT, LB-17 CROUSE HINDS 1/2" OBROUND CONDULET		ELE11210		-	S
140	304632	2.0	CONDUIT, LB-27 CROUSE HINDS 3/4" OBROUND CONDULET		ELE11210		-	S
150	304633	5.0	CONDUIT, LB-37 CROUSE HINDS 1" OBROUND CONDULET		ELE11210		-	S
160	304634	2.0	CONDUIT, LB-47 CROUSE HINDS 1 1/4" OBROUND CONDULET		ELE11210		-	S
170	304635	2.0	CONDUIT, LB-57 CROUSE HINDS 1 1/2" OBROUND CONDULET		ELE11210		-	S
180	304636	2.0	CONDUIT, LB-67 CROUSE HINDS 2" OBROUND CONDULET		ELE11210		-	S
190	304693	4.0	T 17 CROUSE HINDS 1/2 TEE		ELE11213		-	S
200	304694	1.0	T 27 CROUSE HINDS 3/4 TEE		ELE11213		-	S
210	304695	1.0	T 37 CROUSE HINDS 1 TEE		ELE11213		-	S
220	314152	1.0	T 47 1 1/4" TEE CROUSE HINDS		ELE11213		-	S
230	313386	1.0	T 57 1 1/2" TEE CROUSE HINDS		ELE11213		-	S
240	310856	1.0	T 67 2" TEE CROUSE HINDS		ELE11213		-	S
0030	LDE0003	1.0	APPLETON				-	M
010	304606	5.0	BL-50 1/2" LOCKNUT APPLETON		ELE11420		-	S
020	304607	5.0	BL-75 3/4" LOCKNUT APPLETON		ELE11420		-	S
030	304608	5.0	BL-100 1" LOCKNUT APPLETON		ELE11420		-	S
040	304609	5.0	BL-125 1 1/4" LOCKNUT APPLETON		ELE11420		-	S
050	304640	5.0	BL-150 1 1/2" APPLETON LOCKNUT		ELE11420		-	S
060	304641	5.0	BL-200 2" APPLETON LOCKNUT		ELE11420		-	S
070	304696	2.0	RB10075 APPLETON 1"-3/4" RED. BUSHING		ELE11430		-	S
080	314176	2.0	RB125-100 1 1/4" X 1" REDUCED BUSHING APPLETON		ELE11430		-	S

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
090	315942	2.0	RB150-75 1 1/2" X 3/4" REDUCED BUSHING APPLETON		ELE11430		-	S
100	304595	6.0	MFL 50 1/2 IN APPLETON EL		ELE11460		-	S
110	304596	1.0	MFL 75 3/4" APPLETON ELBOW		ELE11460		-	S
120	304597	1.0	MFL100 1" APPLETON ELBOW		ELE11460		-	S
130	304598	1.0	MFL 125 1 1/4 IN APPLETON ELBOW		ELE11460		-	S
140	304663	10.0	RW-150-75 APPLETON STEEL CUPPED REDUC WASHER		ELE11470		-	S
150	304771	50.0	STG-50 1/2" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
160	304772	10.0	STG-75 3/4" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
170	304773	10.0	STG-100 1" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
180	304774	10.0	STG-125 1 1/4" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
190	304775	10.0	STG-150 1 1/2" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
200	304776	10.0	STG-200 2" APPLETON O-RING AND STEEL GASKET ASSEMBLY		ELE11490		-	S
210	304441	10.0	BBU50 1/2" BLACK INSUL BUSHING APPLETON		ELE11040		-	S
220	304442	2.0	BBU75 3/4" RED INSUL BUSHING APPLETON		ELE11040		-	S
230	304443	2.0	BBU100 1" BLUE INSUL BUSHING APPLETON		ELE11040		-	S
240	304444	2.0	BBU125 1 1/4" RED INSUL BUSHING APPLETON		ELE11040		-	S
250	304445	2.0	BBU150 1 1/2" BLACK INSUL BUSHING APPLETON		ELE11040		-	S
260	304446	2.0	BBU200 2" BLUE INSUL BUSHING APPLETON		ELE11040		-	S
270	322134	4.0	ST-250 2 1/2" ST THD W/LOCKNUT APPLETON		ELE11810		-	S
0040	LDE0013	1.0	SEALTITE FITTINGS				-	M
0010	304732	20.0	ST-50 1/2" APPLETON ST THD W/LOCKNUT		ELE11810		-	S
0020	304733	2.0	ST-75 3/4" APPLETON ST THD W/LOCKNUT		ELE11810		-	S
0030	304734	2.0	ST-100 1" APPLETON ST THD W/LOCKNUT		ELE11810		-	S
0410	L085014	1.0	MISCELLANEOUS ELECTRICAL - DCM	PAGE 3 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0040	304735	2.0	ST-125 1 1/4 IN APPLE ST THD W/LOCKNUT		ELE11810			S
0050	304736	2.0	ST-150 1 1/2 IN APPLE ST THD W/LOCKNUT		ELE11810			S
0060	304737	2.0	ST-200 2 IN APPLE ST THD W/LOCKNUT		ELE11810			S
0070	304744	10.0	ST9050 1/2" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0080	304745	2.0	ST9075 3/4" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0090	304746	2.0	ST90100 1" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0100	304747	2.0	ST90125 1 1/4" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0110	304748	2.0	ST90150 1 1/2" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0120	304749	2.0	ST90200 2" APPLETON 90 DEG THD W/LOCKNUT		ELE11812			S
0130	304738	10.0	ST-4550 1/2" APPLETON 45DEG THD W/LOCKNUT		ELE11811			S
0140	304739	2.0	ST-4575 3/4" APPLETON 45DEG THD W/LOCKNUT		ELE11811			S
0150	304740	2.0	ST45100 1" APPLETON 45 DEG THD W/LOCKNUT		ELE11811			S
0160	304741	2.0	ST45125 1 1/4" APPLETON 45 DEG THD W/LOCKNUT		ELE11811			S
0170	304742	2.0	ST45150 1 1/2" APPLETON 45 DEG THD W/LOCKNUT		ELE11811			S
0180	304743	2.0	ST45200 2" APPLETON 45 DEG THD W/LOCKNUT		ELE11811			S
0190	304622	4.0	ST50K KELLUM 1/2" OR USE 310867		ELE11830			S
0200	304623	2.0	ST75K KELLUM 3/4" OR USE 310868		ELE11830			S
0210	304624	2.0	ST100K KELLUM 1" OR USE 310869		ELE11830			S
0220	304625	4.0	ST125K KELLUM 1 1/4" OR USE 310870		ELE11830			S
0230	304626	2.0	ST150K KELLUM 1 1/2" OR USE		ELE11830			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 4	PRINT DATE	SERIAL NO.
0410	L085014	1.0	MISCELLANEOUS ELECTRICAL - DCM	CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			310871					
0240	304628	2.0	ST200K KELLUM 2" OR USE		ELE11830			S
			310872					
0050	LDE0005	1.0	HOFFMAN					M
010	305961	1.0	A-606LP LP LIFT/OFF HNG CLP CVR BOX		ELE13013			S
			6 X 6 X 4 HOFFMAN					
011	305989	3.0	A-1412 CH HOFFMAN CONT. HINGE		ELE13014			S
			CLIP COVER BOX					
012	319238	1.0	A-10086 CH 10 X 8 HOFFMAN ENCLOSURE		ELE13014			S
0120	305973	3.0	A-1210 CH HOFFMAN CONT HINGE CLIP		ELE13014			S
			BOX 10 X 12 X 5					
020	305957	1.0	A-404LP LP LIFT OFF HINGE CLIP COVER		ELE13013			S
			BOX 4X4X3 HOFFMAN					
030	305962	1.0	A-806LP LP LIFT/OFF HINGE CLIP COVER		ELE13013			S
			BOX 8 X 6 X 3 1/2 HOFFMAN					
040	306002	2.0	A-1008 CH HOFFMAN CONT. HINGE ENCLOSURE		ELE13014			S
050	314783	1.0	A-806 CH HOFFMAN ENCLOSURE		ELE13014			S
060	320474	1.0	A-8066 CH CONT. HINGE ENCLOSURE HOFFMAN		ELE13014			S
070	306002	2.0	A-1008 CH HOFFMAN CONT. HINGE ENCLOSURE		ELE13014			S
080	314751	1.0	A6JTMA BRACKET ASSEMBLY 6" B DIMN JIC		ELE13016			S
			BOX, HOFFMAN					
090	314752	3.0	A8JTMA BRACKET ASSY 8" B DIMN. JIC BOX		ELE13016			S
			HOFFMAN					
091	314753	3.0	A10JTMA BRACKET ASSEMBLY 10" B DIMN JIC		ELE13016			S
			BOX, HOFFMAN					
092	314754	3.0	A12JTMA BRACKET ASSEMBLY 12" B DIMN JIC		ELE13016			S
			BOX HOFFMAN					
100	314756	1.0	A8JS TERMINAL STRAP 8" A DIMN JIC BOX		ELE13017			S
			HOFFMAN					
110	314757	6.0	A10JS TERMINAL STRAP 10" A DIMN JIC BOX		ELE13017			S
			HOFFMAN					
120	314758	6.0	A12JS TERMINAL STRAP 12" A DIMN JIC BOX		ELE13017			S
			HOFFMAN					
130	314759	6.0	A14JS TERMINAL STRAP 14" A DIMN JIC BOX		ELE13017			S
			HOFFMAN					

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0060	LDE0006	1.0	TAYLOR					M
010	304287	20.0	73030 3W X 3H PANEL DUCT TAYLOR		ELE13040			S
020	304289	5.0	72030 2W X 3H PANEL DUCT TAYLOR		ELE13040			S
030	304292	5.0	70020 2W PANEL DUCT COVER TAYLOR		ELE13041			S
040	304293	20.0	70030 3W PANEL DUCT COVER TAYLOR		ELE13041			S
0070	LDE0007	1.0	ALLEN BRADLEY					M
010	304853	25.0	1492 N2 ALLEN BRADLEY TB RETAINING CLIP		ELE21011			S
020	304854	25.0	1492-N22 ALLEN BRADLEY TB MOUNTING CHANNEL		ELE21011			S
030	311617	15.0	1492 N16 ALLEN BRADLEY END BARRIER FOR CA CE BLOCKS		ELE21011			S
040	311625	10.0	1492-F1 TERMINAL BLOCK ALLEN BRADLEY		ELE21011			S
050	304857	2.0	1492 N-18 ALLEN BRADLEY END BARRIER		ELE21011			S
060	311640	50.0	1492 N23 ALLEN BRADLEY END ANCHOR		ELE21011			S
070	320516	5.0	1492-N13, JUMPER FOR F1 AND F2; A-B		ELE21011			S
080	320750	100.0	1492-N3 ALLEN BRADLEY JUMPER FOR CA-1 BLOCK		ELE21011			S
090	322724	2.0	1492-N30 JUMPER FOR CA-1 BLOCK ALLEN BRADLEY		ELE21011			S
100	304856	600.0	1492 CA1 ALLEN BRADLEY SINGLE TERMINAL BLOCK		ELE21011			S
110	311625	300.0	1492-F1 TERMINAL BLOCK ALLEN BRADLEY		ELE21011			S
0080	LDE0014	1.0	HUBBELL					M
0010	320979	50.0	SHC-1023 1/2" F-2 STR MALE CORD CONN. HUBBELL		ELE11840			S
0020	320980	50.0	NHC-1023 1/2" F-2 90 DEG MALE CORD CONN. HUBBELL		ELE11840			S
0030	326820	2.0	HJ1042B 1/2" CORD GRID W/SPIRAL .375-.437 CORD HUBBELL		ELE11840			S
0090	LDE0009	1.0	WIRE					M
010	304900	20.0	14 THHN BLACK WIRE		ELE23021			S
020	304910	100.0	14 THHN THWN WHITE MACHINE WIRE		ELE23021			S
030	311459	100.0	12 AWG GREEN WIRE		ELE23020			S
040	316847	100.0	12 AWG STR MTW WHITE WIRE		ELE23022			S
050	319704	25.0	8 AWG 7 STR THHN GREEN		ELE23022			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 6	PRINT DATE	SERIAL NO.
0410	L085014	1.0	MISCELLANEOUS ELECTRICAL - DCM	CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	DH0108010	1.0	**PUMPS**					M
010	329789	1.0	4535V60A25-1AA22R VICKERS PUMP 02-137476		PUM12020			P
020	329773	1.0	2520V21A5-1AA22L-294 VICKERS PUMP 02-152069-L		PUM12020			P
030	324699	2.0	77C-12 3/4 IN. ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
040	324704	2.0	10671-12-12 3/4" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
050	324738	1.0	3/4" SPLT FLNG/37DEG FLR STRT ADAPT PRESS-SAE 100R9		PIP31030			S
060	324733	1.0	3/4" SPLT FLNG/37DEG FLR 45DEG ADAPT PRESS-SAE 100R9 500023 12S		PIP31030			S
070	324714	4.0	3/4" SPLIT FLANGE HALF		PIP31030			S
080	324700	7.0	77C-16 1 IN ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
090	324705	4.0	10671-16-16 1" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
100	324710	1.0	500024 16S 1" SPLT FLNG/37DEG FLR 90 DEG PRESS-SAE 100R9 500024 16S		PIP31030			S
110	324739	2.0	1" SPLT FLNG/37DEG FLR STRT ADAPT PRESS- SAE 100R9 50002516S		PIP31030			S
120	324734	1.0	500023 16S 1" SPLT FLNG/37DEG FLR 45DEG -SAE 100R9 500023 16S		PIP31030			S
130	324715	8.0	51H-16 SPLIT FLANGE HALF		PIP31030			S
140	324702	4.0	77C-24 1-1/2 IN ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
150	324707	2.0	10671-24-24 1-1/2" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
160	324736	1.0	500023 24S 1-1/2" SPLT FLNG/37DEG FLR 45 PRESS-SAE 100R9		PIP31030			S
170	324712	1.0	1-1/2" SPLT FLNG/37DEG FLR 90DEG ADAPT PRESS-SAE 100R9 500024 24S		PIP31030			S
180	324717	4.0	51H-24 1-1/2" SPLIT FLANGE		PIP31030			S
0020	DH0210001	1.0	**INTAKES**					M
010	322246	2.0	F2 520 M250 A-C-E-O MP PRODUCTS W/HANDWHEEL + UNC COVER + FLANGE BOLTS ELECTRICAL INDICATOR TO BE 3-WIRE TYPE	1137	FIL50010			S

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE	PRINT DATE	SERIAL NO.
0420	L94006H	1.0	HYDRAULIC COMPONENTS - SPX/CONTECH 836A	1 CONTINUED	01/22/94	D94006

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
020	323491	0.0	FILTER, SF520-M250 FILTER ELEMENT CAN-FLO		FIL50010			S
030	322285	0.0	FILTER,CFGV-2.5R-4C-EL VACUUM SWITCH FILTER CAN-FLO		FIL50010			S
0030	DH0316001	1.0	**FILTERS**					M
0010	326054	1.0	HF4 FILTER ASS'Y (3) 9" MANF. MOUNT PALL HH9710 K 24 DN 3BLTY521	1105	FIL20010			S
0015	330433	1.0	HC9700FKN27H PALL FILTER ELEMENT 27"		FIL20010			P
0020	313672	1.0	AIR BREATHERS,A1-104-23-015 DOLLINGER FILTER ASSEMBLY	1043	FIL40010			S
0040	DH0408003	1.0	**PRESSURE CONTROLS**					M
0010	324969	1.0	CG10-CBCV-DG-8CV-MFTWB5-40 TRI-PRESS RELIEF VALVE WA VICKERS ASSY#02-1274	9230	VAL12040			P
0020	317168	1.0	CG5-100A-CV-M-FTWL-B5-P10-100 1 1/4 IN REL VLV SOL VICKERS 02-127446	9216	VAL12040			S
0030	323797	1.0	628733 .040 ORIFICE FOR 4V-3--12 VLV. BODY VICKERS ASSY#628733		VAL20010			S
0040	324970	1.0	CG-06-FEFV-DG8C-VM-FTWL-B5-41 TRI-PRES RELIEF VALVE WA VICKERS ASSY#476964 02- 300682	9230	VAL12040			P
0050	303782	3.0	FFG-2002-S 1/4 IN. VLV. FF STR M&M OR 5250S1 1/4" IN-LINE SHUT-OFF VALVE PNEU-TROL	1027	VAL13010			S
0060	301217	3.0	GAGE,PRESSURE LIQ FILLED 2 1/2 IN. LM 3000PSI BTM MTD #7211-2-1/2-LM-0-3000 CF1P-210A		GAG10010			S
0050	DH0510003	1.0	**CLOSING**					M
010	322122	1.0	CVI-16-F-2-M-10 16MM 2:1 DAMP 2.5 BAR US VICKERS ASSY#580026	9223	VAL12020			P
020	322114	3.0	CVI-40-D20-2-M-10 40MM 2:1 USA 2.5 BAR SPR VICKERS ASSY#579933	9223	VAL12072			S
030	322123	1.0	CVI-40-F-2-M-10 40MM 2:1 DAMP 2.5 BAR US VICKERS ASSY#579936	9223	VAL12072			S
040	321948	2.0	761572 40MM 5.0 BAR SPRING VICKERS USA ASSY#761572		VAL12072			S
ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 2	PRINT DATE	SERIAL NO.		
0420	L94006H	1.0	HYDRAULIC COMPONENTS - SPX/CONTECH 836A	CONTINUED	01/22/94	D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
050	328085	4.0	CVCS-40-DI-S2-10 VICKERS 150 CART COVER 477359		VAL12073			P
070	322126	1.0	CVCS-16-A-S2-W-10 16MM STR ADJ SAE US LCKNT VICKERS ASSY#580009	9223	VAL12020			P
130	320277	4.0	DG 4V3-2A-MF-WL-B6-60-EN75 VICKERS 4-WAY ASSY#870444	9217	VAL12020			S
131	314918	1.0	DG5S-8-8C-ET-VMFWL-B5-30 4WAY PO DIR VLV SOL VICKERS ASSY#02-135133	9219	VAL12020			S
140	319229	1.0	C5G 805 3/8 IN. 5 PSI CHECK VALVE VICKERS ASSY#407845	9221	VAL12031			S
150	318077	2.0	CS-600-S-10 3/8 IN CHECK VLV PARKER	1026	VAL12020			S
160	308660	2.0	C5G 825 1-1/4 IN 5 PSI CHECK VALVE VICK ASSY#358458	9222	VAL12031			S
170	324702	5.0	77C-24 1-1/2 IN ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
180	324707	4.0	10671-24-24 1-1/2" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
190	324712	2.0	1-1/2" SPLT FLNG/37DEG FLR 90DEG ADAPT PRESS-SAE 100R9 500024 24S		PIP31030			S
200	324717	8.0	51H-24 1-1/2" SPLIT FLANGE		PIP31030			S
210	324741	2.0	1-1/2" SPLT FLNG/37DEG FLR STRT ADAPT PRESS-SAE 100R9 500025-24		PIP31030			S
0060	DH0608008	1.0	**SHOT COMPONENTS**					M
015	328151	1.0	HYCON KHP10-1114LD-ROHA LOCKABLE BALL VALVE PER DWG. 51636-C		VAL30020			S
030	322177	4.0	DG4S4L-012A-B-60 4-WAY PO DIR VLV S SOL VICKERS ASSY #879221	9238	VAL12020			S
035	320277	8.0	DG 4V3-2A-MF-WL-B6-60-EN75 VICKERS 4-WAY ASSY#870444	9217	VAL12020			S
036	326841	1.0	DG4V-3S-22A-M-FTWL-B5-60 VICKERS 2-WAY VLV ASSY#02-110207	9217	HRS			P
040	318151	1.0	DG17S4-012C-50 LEVER DPR 4 WAY VICK ASSY#290408	9218	VAL12012			S
050	319229	2.0	C5G 805 3/8 IN. 5 PSI CHECK VALVE VICKERS ASSY#407845	9221	VAL12031			S

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
070	308660	1.0	C5G 825 1-1/4 IN 5 PSI CHECK VALVE VICK ASSY#358458	9222	VAL12031		-	S
071	308661	1.0	C5G 825 S3 1-1/4 IN 50PSI CHECK VALVE VICK ASSY#358460	9222	VAL12031		-	S
072	319758	1.0	C5G-825-S82 1 1/4 IN FLOW CHECK VICKERS A/N 853386	9222	VAL12031		-	S
080	325262	2.0	4CG-10-C-21-S86 VICKERS 1 1/4" P.O. CHECK, ASS'Y 878638 NOTE: THE PISTON MUST BE RELIEVED ON THE HEAD END FOR PROPER BREAK AWAY.	9249	VAL11030		-	S
100	303782	5.0	FFG-2002-S 1/4 IN. VLV. FF STR M&M OR 5250S1 1/4" IN-LINE SHUT-OFF VALVE PNEU-TROL	1027	VAL13010		-	S
110	303788	1.0	MFA-2004-S 1/2 IN. VLV. FA ANGLE M&M	1027	VAL13010		-	S
120	323399	1.0	PRESSURE GAGE LIQ FILLED 2000PSI 3-1/2IN BK MTD 6214-4 -CBM 0-2000 PDLC-2P-140D		GAG10010		-	S
130	321622	2.0	CVI-25-D20-2-M-10-EN3 25MM 2:1 USA 2.5 BAR SPR VICKERS ASSY# 580068	9223	VAL12072		-	S
140	326652	2.0	CVCS-25-D1-S2-10 VICKERS ISO CART COVER ASSY#477353		VAL12073		-	P
150	320305	1.0	926282 25 & 40 MM ORIFICE KIT VICKERS (1/4-28)		VAL12071		-	S
160	324712	2.0	1-1/2" SPLT FLNG/37DEG FLR 90DEG ADAPT PRESS-SAE 100R9 500024 24S		PIP31030		-	S
180	324717	4.0	51H-24 1-1/2" SPLIT FLANGE		PIP31030		-	S
190	324707	2.0	10671-24-24 1-1/2" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020		-	S
200	324700	4.0	77C-16 1 IN ID PARKRIMP NO-SKIVE HOSE		PIP30040		-	S
210	324710	1.0	500024 16S 1" SPLT FLNG/37DEG FLR 90 DEG PRESS-SAE 100R9 500024 16S		PIP31030		-	S
220	324734	1.0	500023 16S 1" SPLT FLNG/37DEG FLR 45DEG -SAE 100R9 500023 16S		PIP31030		-	S
230	324715	4.0	51H-16 SPLIT FLANGE HALF		PIP31030		-	S
240	330091	1.0	TDA-D-1097-E40-LAF-W4267 PARKER HI RANGE		VAL16240		-	P
0420	L94006H	1.0	HYDRAULIC COMPONENTS - SPX/CONTECH 836A	PAGE 4 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			PROPORTIONAL THROTTLE					
260	325664	1.0	K CARD HOLDER PARKER TOWLER		VAL16240			P
270	325661	1.0	ET-00-102-D ELECT.CONTROL CARD PARKER TOWLER		VAL16240			P
280	327489	1.0	4220T-40T NORMAN 1/4" INLINE FILTER	1165	FIL20010			S
0070	DH0706001	1.0	**INTENSIFIER HYDRAULICS**					M
010	319552	1.0	4CG-10-A-21-SB6 VICKERS 1 1/4 IN. P.O. CHECK DNA ASSY #879305	9249	VAL11030			S
020	303792	1.0	DVP-25-1-X/V 1-1/4" NEEDLE VLV REXROTH	1030	VAL30010			S
030	322177	1.0	DG4S4L-012A-B-60 4-WAY PO DIR VLV S SOL VICKERS ASSY #879221	9238	VAL12020			S
040	319346	1.0	C5G-805-S3 3/8 IN. 50PSI CHECK VALVE VICKERS ASSY#407846	9221	VAL12031			S
050	328151	1.0	HYCON KHP10-1114LD-ROHA LOCKABLE BALL VALVE PER DWG. 51636-C		VAL30020			S
060	303782	1.0	FFG-2002-S 1/4 IN. VLV. FF STR M&M OR 5250S1 1/4" IN-LINE SHUT-OFF VALVE PNEU-TROL	1027	VAL13010			S
070	303788	1.0	MFA-2004-S 1/2 IN. VLV. FA ANGLE M&M	1027	VAL13010			S
080	301201	1.0	GAGE,PRESSURE LIQ FILLED 3 1/2 IN. CBM 3000PSI BK MTD NO.6214-4-0-3000 PDLC-2P-210D		GAG10010			S
090	324699	5.0	77C-12 3/4 IN. ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
100	324709	2.0	3/4" SPLT FLNG/37DEG FLR 90DEG ADAPT PRESS-SAE 100R9 500024 12S		PIP31030			S
110	324714	4.0	3/4" SPLIT FLANGE HALF		PIP31030			S
120	324704	2.0	10671-12-12 3/4" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
0080	DH0810001	1.0	CORES					M
0010	314912	2.0	DG5S-8-3C-T-M-FTWL-85-30 4WAY PO DIR VLV VICK ASSY#02-128042	9219	VAL12020			S
0020	316896	2.0	DG FN 06 50 FLOW CONTROL VICKERS ASSY#349169	9224	VAL12010			S
0030	312356	2.0	VICKERS BOLT KIT BK255691 ASSY#255691		VAL20010			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0090	DH0906003	1.0	**EJECTION**					M
0010	314912	1.0	DG5S-8-3C-T-M-FTWL-B5-30 4WAY PO DIR VLV VICK ASSY#02-128042	9219	VAL12020			S
0020	319970	1.0	FLOW CHECK VALVE 3/4 IN. C5G-815-S82 VICKERS A/M 853385	8107	VAL11030			S
0030	327500	1.0	DGX-06-1FE-60 VICKERS PR RED DR (COVER DRAIN) 631707		VAL12050			P
0035	312356	1.0	VICKERS BOLT KIT BK255691 ASSY#255691		VAL20010			S
0040	301217	1.0	GAGE,PRESSURE LIQ FILLED 2 1/2 IN. LM 3000PSI BTM MTD #7211-2-1/2-LM-0-3000 CF1P-210A		GAG10010			S
0050	303782	1.0	FFG-2002-S 1/4 IN. VLV. FF STR M&M OR 5250S1 1/4" IN-LINE SHUT-OFF VALVE PNEU-TROL	1027	VAL13010			S
0060	301217	1.0	GAGE,PRESSURE LIQ FILLED 2 1/2 IN. LM 3000PSI BTM MTD #7211-2-1/2-LM-0-3000 CF1P-210A		GAG10010			S
0100	DH1010001	1.0	**DIE ADJUST HYDRAULICS**					M
010	322244	1.0	DG4S4L-016C-B-60 4WAY PO DIR VLV D SOL VICKERS ASSY #02-119491	9239	VAL12020			S
020	314920	1.0	DG5S-8-2C-T-M-FTWL-B5-30 4 WAY PO DIR VLV VICKERS ASSY#02-126446	9219	VAL12020			S
030	320854	4.0	DG4V-3S-3C-M-FTWL-B5-60 4 WAY DIR VLV D-SOL VICKERS ASSY#02-109698	9217	VAL12020			S
040	324700	8.0	77C-16 1 IN ID PARKRIMP NO-SKIVE HOSE		PIP30040			S
050	324705	4.0	10671-16-16 1" JIC 37DEG NO-SKIVE COUPLING PARKER		PIP31020			S
060	301132	4.0	16 FBTX-S MALE CONN 1 1 THD FAUV		PIP21080			S
070	323247	4.0	3130-08-1/2 HOSE 2000PSI MAX SYNDFLEX		PIP30030			S
080	323251	2.0	3903-08108 1/2 SYNDFLEX COUPLING		PIP31010			S
0110	DH1110001	1.0	**TIE BAR PULL HYD'S**					M
010	322244	2.0	DG4S4L-016C-B-60 4WAY PO DIR VLV D SOL VICKERS ASSY #02-119491	9239	VAL12020			S
020	320277	4.0	DG 4V3-2A-MF-WL-B6-60-EN75 VICKERS 4-WAY	9217	VAL12020			S
0420	L94006H	1.0	HYDRAULIC COMPONENTS - SPX/CONTECH 836A					

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			ASSY#870444					
0120	DH1212001	1.0	**DIE CLAMP**					M
0010	327884	2.0	DG4S4L-012N-B-60 VICKERS DETENTED 4-WAY	9260	VAL12020			P
			REF. VICKERS PART # 02-119770					
0130	DH1312001	1.0	**DRAWBAR**					M
0010	327884	1.0	DG4S4L-012N-B-60 VICKERS DETENTED 4-WAY	9260	VAL12020			P
			REF. VICKERS PART # 02-119770					
0020	325112	1.0	DGMX2-5-PP-FWS-30 VICKERS MOD PRESS RED	9235	VAL12050			P
			VALVE ASSY#868863					
0150	DH1510001	1.0	PIN INTENSIFIER HYD'S					M
010	303792	1.0	DVP-25-1-X/V 1-1/4" NEEDLE VLV REXROTH	1030	VAL30010			S
020	322177	7.0	DG4S4L-012A-B-60 4-WAY PO DIR VLV S SOL	9238	VAL12020			S
			VICKERS ASSY #879221					
030	324697	1.0	AD-PI-51F-10 RACINE ACCUM DISCHARGE	1023	VAL30010			S
			VALVE					
040	304427	1.0	SW 12111 3/4 SOC WELD GATE VLV 800 PSI		VAL15010			P
			VOGT					
050	328151	1.0	HYCON KHP10-1114LD-ROHA LOCKABLE BALL		VAL30020			S
			VALVE PER DWG. 51636-C					
0160	DH1610002	1.0	**RESERVOIR COMPONENTS**					M
0010	327776	1.0	GAGE, OIL-RITE SIGHT B1560-2	1179	GAG20010			S
			9" CENTERLINE 2" DIA.					
0030	301529	1.0	08060 HFF HEAT EXCHANGER 5 147 08 060	1012	TEM12010			S
			001 AMER STD					
0170	DH1710001	1.0	VACUUM HYD'S					M
010	303782	1.0	FFG-2002-S 1/4 IN. VLV. FF STR M&M	1027	VAL13010			S
			OR 5250S1 1/4" IN-LINE SHUT-OFF VALVE					
			PNEU-TROL					
020	301217	1.0	GAGE,PRESSURE LIQ FILLED 2 1/2 IN. LM		GAG10010			S
			3000PSI BTM MTD #7211-2-1/2-LM-0-3000					
			CF1P-210A					
030	325112	1.0	DGMX2-5-PP-FWS-30 VICKERS MOD PRESS RED	9235	VAL12050			P
			VALVE ASSY#868863					
040	322177	1.0	DG4S4L-012A-B-60 4-WAY PO DIR VLV S SOL	9238	VAL12020			S
			VICKERS ASSY #879221					

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTM	CATEGORY	DWG NO.	R	C
050	304427	1.0	SW 12111 3/4 SOC WELD GATE VLV 800 PSI VOGT		VAL15010			P
060	325118	1.0	836-A1A VACUUM SWITCH 30 TO 75 IN. A-B		ELE16031			S
070	325114	1.0	07F31AB PARKER MICRON FILTER		FIL50010			P
080	325116	1.0	06R113AA PARKER REGULATOR		COM10010			P
090	325115	1.0	CA NORGREN VACUUM VALVE A1027J P1		VAL30030			P
100	036979	1.0	ASSEMBLY, CANISTER; FILTER			036979-C	B	M
001	036975	1.0	COVER, CANISTER			036975-B	A	P
002	042504	1.0	BARREL, CANISTER			042504-C	A	M
001	036977	1.0	CAP, CANISTER			036977-B		P
002	036974	1.0	SLEEVE, CANISTER			036974-B		P
003	036976	1.0	RING, MOUNTING			036976-B	A	P
004	318942	1.0	1 IN. STEEL HALF COUPLING		PIP11025			S
005	309262	1.0	1 IN. FORGED STEEL SCREWED COUPLING		PIP11025			S
006	318938	1.0	1/4 STEEL HALF COUPLING		PIP11025			S
007	309759	0.5	1 IN. PIPE BLACK IRON SCH. 40		PIP10010			S
003	317043	1.0	2-242 O-RING BUNA-N 4 X 4 1/4 X 1/8		RIN11020			S
004	303948	8.0	SCREW, 10-24 X 1/2 LG. SOC HEAD CAP		FAS70030			S
145	040362	1.0	PLATE, MOUNTING; VACUUM			040362-C	A	M
001	002458	1.0	CLAMP, PIPE 1 IN			002458-A		S
003	G40362	1.0	MOUNTING PLATE WELD, DRILL TO PRINT		MACHINING			P
004	002610	1.0	CLAMP, TUBING, 1/2 IN			002610-A	A	S
200	308509	2.0	1-1/2 STAR ADAPTOR		PIP32010			S
210	323788	5.0	1 1/2" RED TANK TRUCK HOSE TRANSPORTER BFG		PIP30030			S
220	325157	1.0	1 1/2 X 1 REDUCING 90 DEG. SCREWED ELBOW M.I.		PIP11030			S
0180	DH1708005	1.0	**CLOSING SHUTOFF**					M
001	327734	1.0	BBVD27240001M STAUFF BALL VALVE MANF MTG		VAL30020			P
0190	DH1706001	1.0	AUX. PRESSURE					M
010	319229	2.0	C5G 805 3/8 IN. 5 PSI CHECK VALVE VICKERS ASSY#407845	9221	VAL12031			S

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0000	MP00	0.0	**** MAIN PANEL / POWER ****		ELE			P
0010	329193	1.0	A90XM7824 NEMA 12 2DR FLR MTD FLANGE DISC ENCLOSURE HOFFMAN		ELE13023			P
0030	313838	1.0	A21ABA/A22ABA A-B DISC. ADAPTER PLATE HOFFMAN		ELE13024			P
0040	319371	1.0	1494F-N200 NON-FUSIBLE 200A DISCONNECT SWITCH ALLEN BRADLEY		ELE10020			S
0060	304482	2.0	1494R-N3 200 AMP CONNECTOR KIT ALLEN BRADLEY		ELE10020			S
0090	325187	1.0	409-D104ND RATED 75 HP STARTER 3 POLE 120 COIL A-B		ELE17020			P
0150	322609	3.0	W78 HEATER ELEMENT ALLEN BRADLEY		ELE15020			S
0190	300636	4.0	FRS 12 12 AMP 600 VOLT FUSE BUSSMAN		ELE14040			S
0207	304529	3.0	FRS-R-125 600 VOLTS 125 AMPS BUSSMAN (75HP @ 480V)		ELE14040			S
0260	329825	1.0	FRN 40 250 VOLTS 40 AMPS FUSETRON		ELE14020			P
0270	300635	3.0	FRN 10 250 VOLTS 10 AMP FUSETRON BUSSMAN		ELE14020			S
0280	304538	2.0	FRN 15 250 VOLT 15 AMP FUSETRON		ELE14020			S
0290	327510	1.0	RF60A1B FUSE BLOCK 60A 250V 1 POLE MARATHON		ELE14050			P
0300	326015	3.0	F30A2SP FUSE BLOCK 30A 250V 2 POLE MARATHON		ELE14050			P
0315	328355	2.0	6F30A2B FUSE BLOCK 600V 30A 2 POLE MARATH		ELE14050			P
0340	326010	1.0	6F200A3BE FUSE BLOCK 200A 600V 3 POLE MARATHON		ELE14050			P
0350	323457	1.0	500-A0D93 CONTACTOR SIZE 0 3 POLE 120V COIL ALLEN BRADLEY		ELE17041			S
0390	316272	2.0	211-111 JEFFERSON TRANS 240/480PRI 120/240SEC 5KVA 1 PH		ELE22010			P
0400	325047	1.0	VM/43M/18/NAF3 480V 3PH 18KVAR W/FUSE VERSATEX		ELE17050			P
0410	329829	1.0	T8GD5P2PM ELECTROMATIC REF DWG 52009-B 3KVA TRANS DISC 480/575 PRI 120 SEC		ELE22030			P
1000	MP01	0.0	**** MAIN PANEL DOOR ****		ELE			P

ITEM	LIST NO.	QTY	DESCRIPTION	PAGE 1	PRINT DATE	SERIAL NO.
0430	L94006MP	1.0	MAIN PANEL COMPONENTS - CONTECH	CONTINUED	01/22/94	D94006

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
1010	325733	15.0	RH2BU-AC120V RELAY 120VAC COIL DPDT IDEC		ELE38010			S
1015	328953	1.0	RH2BU - DC12V RELAY 12VDC COIL DPDT IDEC		ELE38010			P
1016	320657	1.0	DIODE #1N914		ELC100			S
1020	325736	16.0	SH2B-05 SNAP MOUNT BASE FOR RH2B RELAY IDEC		ELE38010			S
1030	325737	1.0	BND-1000 MOUNTING RAIL 1 METER DIN STD. IDEC		ELE38010			S
1040	315943	2.0	4CS 1/2 4 X 2 1/8" HANDY BOX 1/2" KO APPLETON		ELE13012			S
1050	315944	2.0	2510 DUPLEX RECEPTACLE COVER HANDY BOX APPLETON		ELE13012			S
1060	304575	2.0	5262 HUBBELL DUPLEX OUTLET 15A 125V		ELE19030			S
1070	322290	1.0	AD005-B12 130 DEG F +/- 5 DEG SPST SNAP- STAT SW		TEM20010			S
1080	027913	1.0	MOUNTING BRACKET FOR 322290			027913-B	A	S
1100	010924	6.0	TERM-STRIP BRACKET			010924-A		S
2000	MP02	0.0	**** MAIN PANEL DOOR ****		ELE			P
2010	313434	1.0	HK410 A6 BUL 705 NON-RESET HOUR METER EAGLE		ELE20050			S
2020	304709	1.0	6-Y-12-RMF-PM-115A DURANT COUNTER KEY RESET		ELE12010			S
2030	300842	5.0	800T-P16 PILOT LIGHT UNIT ALLEN BRADLEY		ELE18020			S
2040	300845	1.0	800T-N26W WHITE CAP STD ALLEN BRADLEY		ELE18020			S
2050	300843	4.0	800T-N26R RED CAP STD ALLEN BRADLEY		ELE18020			S
2060	314496	1.0	800T-PA16 ILLUMINATED PUSHBUTTON W/GUARD 1NO 1NC ALLEN BRADLEY		ELE18030			S
2070	300847	1.0	800T-N40 PILOT LIGHT PTT RED COLORCAP ALLEN BRADLEY		ELE18020			S
2075	300871	3.0	800T A2A 1NO 1NC FLUSH HEAD PB BLACK ALLEN BRADLEY		ELE18030			S
2080	313582	1.0	800T-H5A 2 POSITION 1NO 1NC SPRG RETN FROM RIGHT		ELE18050			S
2090	316053	2.0	800T H33A 2 POSITION MAINT KEY LOCK SELECTOR SWITCH 1NO 1NC A-B		ELE18050			S
2095	311594	1.0	800T D6A 1NO 1NC MUSHROOM HEAD PB RED		ELE18030			S
0430	L94006MP	1.0	MAIN PANEL COMPONENTS - CONTECH	PAGE 2 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

SERIAL NUMBER: D94006

CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			ALLEN BRADLEY					
2100	314042	1.0	VCXL11GC VAPOR TIGHT SURFACE MOUNT LIGHT WITH RED LENS AND CAST GUARD STONCO		ELE27011			S
2110	325216	1.0	100A 100 WATT 120V LAMP SYLVANIA		ELE27011			S
2120	324506	4.0	31-10 PANEL MOUNT ISOLATED BNC RECEPT. AMPHENOL		ELC060			S
2130	324958	4.0	31-6 MALE CAP FOR BNC AMPHENOL		ELC060			S
3000	MP03	0.0	**** PLC COMPONENTS ****		ELE			P
3030	319853	2.0	1771-A4B 128-I/O CHASSIS ASSEMBLY MINI-PLC-2 A-B		ELE26026			S
3050	325121	10.0	1771-IAD HI DENSITY AC INPUT 16 PTS. A-B		ELE26024			S
3060	325122	9.0	1771-OAD HI DENSITY AC OUTPUT 16 PTS A-B		ELE26024			S
3200	327331	1.0	1785-LT2 PLC-5/25 PROCESSOR WITH 12K MEMORY ALLEN BRADLEY	MANU	ELE26026			P
3210	327333	1.0	1785-MS 8K RAM EXPANSION FOR PLC-5 A-B		ELE26026			P
3220	326890	2.0	1771-P7 16A POWER SUPPLY A-B		ELE26026			P
3230	327421	1.0	1771-ASB REMOTE I/O ADAPTER A-B	MANU	ELE26024			P
3240	327338	2.0	1771-CP1 LOCAL POWER SUPPLY CABLE FOR USE WITH 1771-P7 A-B		ELE26026			P
3250	325065	50.0	9463 TWINAX CABLE FOR DATA HIWAY BELDEN (A-B 1770-CD)		ELE26024			S
3260	327422	1.0	1770-XT TERMINATOR FOR REMOTE I/O A-B		ELE26024			P
3280	328937	1.0	1771-VHSC VERY HIGH SPEED COUNTER AB		ELE26024			P
4000	MP04	0.0	**PANEL COOLING**		ELE			P
4020	329819	1.0	D-ACBE041 4000BTU 120V PANEL A/C HOFFMAN		ELE270			P
6000	MP06	0.0	**SHOT CONTROL COMPONENTS**		ELE			P
6010	324478	1.0	1771-OFE1 ANALOG OUTPUT MODULE VOLTAGE OUTPUT ALLEN BRADLEY	MANU	ELE26026			P
6020	328937	1.0	1771-VHSC VERY HIGH SPEED COUNTER AB		ELE26024			P
6025	052614	1.0	ASSEMBLY, ENCODER BUFFER BOARD			052614-D	A	M
001	323570	1.0	SOCKET, IC, 18 PIN #ICA-183-S-TG ROBINSON NUGENT		ELC060			S
002	323572	2.0	SOCKET, IC, 14 PIN R-N #ICA-143-S-TG		ELC02100			S
003	323574	4.0	SOCKET IC 6 PIN R.N. #ICA-063-S-TG		ELC060			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
004	323334	2.0	CAP. CER. .02/14 PIN DIP ROGERS #203A14 (33/PKG)		ELC07300		-	S
005	052469	1.0	PC BOARD, BUFFER (REV. A)			052469-D	A	S
006	323214	2.0	TERM. STRIP PLUG BL12 WEIDMULLER 12601.6		ELC060		-	S
007	323990	2.0	TERM STRIP PC MT SL12 WEIDMULLER #1116.6		ELC060		-	S
008	322389	4.0	CAP CER .002/50V 20% ILL CAP #CE202 (202Y5S050M)		ELC07100		-	S
009	321468	4.0	RES. COMP 470 OHM 1/4W 5% RCR07 #CB4715		ELC08220		-	S
010	324112	4.0	RES COMP 680 OHM 1/4W 5% #RCR07 CB6815		ELC080		-	S
011	320664	4.0	RES. COMP 10K OHM 1/4W 5% A-B RCR07		ELC080		-	S
012	322901	4.0	RES. COMP. 20K 1/4W 5% #RCR07CB2035 A-B		ELC08220		-	S
013	323140	4.0	IC. OPTO ISOL. SCHMITT TRIG. QTC #H11L1 (SUITABLE SUB. ECG3090)		ELC100		-	S
014	322848	1.0	IC. CMOS HEX SCHMITT TRIGGER #74C14N (CD40106BCN)		ELC100		-	S
015	323721	1.0	IC. SOURCE DRIVER SPRAGUE #JDN2580A		ELC100		-	S
016	323304	1.0	IC. CMOS HEX OPEN DRAIN BUFFER #74C906N		ELC100		-	S
017	323227	1.0	RES NET 10K OHM BOURNS #4606X-101-103		ELC080		-	S
6030	326895	2.0	83-24-225-2 24V 2.5A POWER SUP. SOLA		ELE37510		-	P
6040	323655	2.0	POWER SUPPLY, 12V 1500 MA SEMI CIRCUITS EC12-150		ELC090		-	S
6050	322698	3.0	SOLID STATE RELAY 140 VAC 10A CRYDOM # D1210		ELE38010		-	S
6120	032159	2.0	PLATE, POWER SUPPLY MOUNTING			032159-A	-	S
0430	L94006MP	1.0	MAIN PANEL COMPONENTS - CONTECH	PAGE END	4	PRINT DATE 01/22/94	SERIAL NO. D94006	

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CONTECH-836A

ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0000	PB00	0.0	MAIN PB STATION/TERM BOX*		ELE			P
0026	328172	1.0	60 HOLE P.B. ENCLOSURE REF. 46965-B		ELE18041			P
0030	311595	1.0	800T D2A 1NO 1NC MUSHROOM HEAD PB BLACK ALLEN BRADLEY		ELE18030			S
0035	313544	1.0	800T-N129 MUSHROOM HEAD GUARD ALLEN BRADLEY		ELE18030			S
0040	311601	1.0	800T D9A 1NO 1NC MUSHROOM HEAD PB YELLOW ALLEN BRADLEY		ELE18030			S
0050	311594	1.0	800T D6A 1NO 1NC MUSHROOM HEAD PB RED ALLEN BRADLEY		ELE18030			S
0060	300875	1.0	800T B6A 1NO 1NC EXTEND HEAD PB RED ALLEN BRADLEY		ELE18030			S
0070	300871	4.0	800T A2A 1NO 1NC FLUSH HEAD PB BLACK ALLEN BRADLEY		ELE18030			S
0080	314496	6.0	800T-PA16 ILLUMINATED PUSHBUTTON W/GUARD 1NO 1NC ALLEN BRADLEY		ELE18030			S
0090	300847	2.0	800T-N40 PILOT LIGHT PTT RED COLORCAP ALLEN BRADLEY		ELE18020			S
0100	300863	1.0	800T-N42 PILOT LIGHT PTT AMBER COLORCAP ALLEN BRADLEY		ELE18020			S
0110	319492	1.0	800T-N43 PILOT LIGHT PTT BLUE COLORCAP ALLEN BRADLEY		ELE18020			S
0120	300848	2.0	800T-N41 PILOT LIGHT PTT GREEN COLORCAP ALLEN BRADLEY		ELE18020			S
0130	300842	25.0	800T-P16 PILOT LIGHT UNIT ALLEN BRADLEY		ELE18020			S
0140	300843	11.0	800T-N26R RED CAP STD ALLEN BRADLEY		ELE18020			S
0150	300844	9.0	800T-N26G GREEN CAP STD ALLEN BRADLEY		ELE18020			S
0160	321550	2.0	800T-N26B BLUE CAP STD ALLEN BRADLEY		ELE18020			S
0170	313606	3.0	800T-N26A AMBER CAP STD ALLEN BRADLEY		ELE18020			S
0180	300901	10.0	800T H2A 2 POSITION MAINT STD SELECTOR SWITCH 1NO-1NC ALLEN BRADLEY		ELE18050			S
0190	313582	1.0	800T-H5A 2 POSITION 1NO 1NC SPRG RETN FROM RIGHT		ELE18050			S
0195	300904	1.0	800T J2B 3 POSITION MAINT STD		ELE18050			S
0431	L94006PB	1.0	PUSHBUTTON STATION COMPONENTS - CONTECH	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			SELECTOR SWITCH 2NO 2NC ALLEN BRADLEY					
0200	300907	9.0	800T J91A 3 POSITION SPRING RTN		ELE18050			S
			CTR STD 1NO 1NC ALLEN BRADLEY					
0205	313588	3.0	800T J631A 3 POSITION SELECTOR SWITCH		ELE18050			S
			SPR RET CENTER KEYLOCK ALLEN BRADLEY					
0210	314498	3.0	800T-XA CONTACT BLOCK 1NO 1NC		ELE18013			S
			ALLEN BRADLEY					
0220	314066	2.0	800T-N1 CLOSING BUTTON ALLEN BRADLEY		ELE18012			S
0230	319220	76.0	800T-X700 LEGEND PLATE BLANK-LARGE		ELE18010			S
			ALLEN BRADLEY (FS-100AB)					
0250	037057C-02	2.0	BRACKET, PANEL					P

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0000	MA00	0.0	**** MACHINE MOUNTED SENSORS ****		ELE			P
0010	316636	19.0	802T-AP LIMIT SWITCH 1NO-1NC SPR RETN PLUG-IN ALLEN BRADLEY		ELE16021			S
0020	316637	5.0	802T-NPTP LIMIT SWITCH 2NO-2NC NEUT POS S-R PLUG-IN ALLEN BRADLEY		ELE16021			S
0030	311661	24.0	802T-W1A LIMIT SWITCH LEVER STL ROLLER ALLEN BRADLEY		ELE16021			S
0040	327468	1.0	18000-0-2-3 -100T0400DEGF 135DEGSET 10 FOOT LONG LEADS THERMOSWITCH FENWAL		TEM20010			P
0050	329373	2.0	9675-3-F PRESS SW 3400 PSI BARKSDALE		ELE16032			S
0060	329372	1.0	9675-2-E PRESS SW 1500 PSI BARKSDALE		ELE16032			S
0070	019977	3.0	PLATE, PRESSURE SWITCH MOUNTING			019977-A		S
0080	311643	1.0	P/L 01801 LS-1800 GEMS LEVEL SWITCH		ELE16010			S
0110	033924	1.0	CABLE ASSEMBLY, ROTARY ENCODER			033924-B		C M
0010	322809	1.0	SOCKET, CONNECTOR #MS3106A-16S-1S AMPHENOL		ELC060			S
0020	325633	1.0	9767-16-8 CABLE CLAMP WATERPROOF AMPHENOL		ELC060			S
0030	311431	10.0	8426 6 NO 20 AWG STRD RUBBER SHIELDED CABLE BELDEN		ELE23031			S
0120	320487	1.0	914CE16-6 MINIATURE PRE-WIRED LS LEVER OP MICRO SWITCH		ELE16025			S
0130	311668	1.0	LS251B LEVER ARM MICRO STEEL		ELE16025			S
0140	328122	2.0	B12-G12-AZ31X-B3131 PROX SWITCH AC TURCK		ELE16010			P
0150	042949	2.0	BRACKET, MOUNTING; PROXIMITY			042949-B		A S
1000	MA01	0.0	**** MACHINE MOUNTED WIRING DEVICES ****		ELE			P
1010	304582	2.0	FD019 DEEP SINGLE GANG BOX CROUSE HINDS		ELE11220			S
1020	304583	1.0	FD029 DEEP DOUBLE GANG BOX CROUSE HINDS		ELE11220			S
1030	305994	2.0	JIC B APPLETON BOX		ELE13012			S
1040	305995	2.0	JIC C APPLETON COVER		ELE13012			S
1050	300625	1.0	A302408 LP NEMA TYPE 12 SINGLE DR WALL MOUNTED ENCLOSURE HOFFMAN		ELE13020			S
1060	314764	1.0	A24NTMA2 2 BRACKET ASSEMBLY 24"		ELE13016			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
			ENCLOSURE DIMN HOFFMAN					
1070	314773	4.0	A30T TERMINAL STRAP 30" ENCLOSURE DIMN HOFFMAN		ELE13017			S
1090	035046	4.0	BRACKET,CATWALK TERMINAL BOX SUPPORT			035046-B	D	S
1100	037593	2.0	BRACKET, ELECTRICAL BOX			037593-A	C	S
1120	313382	20.0	1 - IN. CN SEALTITE NM CONDUIT FLEX LNM 13		ELE11014			S
1140	325232	2.0	STNM-100K90 1" 90DEG NON-MET CONN. KELLEMS HUBBELL		ELE11826			S
1150	323685	3.0	F-44WE90 90DEG ELBOW WIREWAY 4X4 HOFFMAN		ELE11015			S
1160	323683	1.0	F-44W48 48" STRAIGHT WIREWAY 4X4 HOFFMAN		ELE11015			S
1170	323682	1.0	F-44W36 36" STRAIGHT WIREWAY 4X4 HOFFMAN		MISC			S
1180	321537	1.0	F44W12 4X4X12 WIREWAY HOFFMAN		ELE11015			S
1190	323687	2.0	F-44WX CUTOFF FITT. WIREWAY 4X4 HOFFMAN		ELE11015			S
1200	323688	2.0	F-44WB BOX CONNECTOR WIREWAY 4X4 HOFFMAN		ELE11015			S
3000	MA03	0.0	**PLUGS AND RECEPTACLES**		ELE			P
3010	304552	2.0	7411-C 4 WIRE 20A 25VAC TWIST-LOCK PLUG HUBBELL		ELE19030			S
3020	304553	2.0	6035 SEALTITE COVER FOR USE W/7411-C HUBBELL		ELE19030			S
3030	304551	2.0	7410-B HUBBEL REG 4 WIRE SINGLE-OUTLET W/TWISTLOCK		ELE19030			S
3040	304581	2.0	7420 ALUMINUM PLATE W/LIFT COVER HUBBELL		ELE19030			S
3050	304554	2.0	7102-C 2 WIRE 20A 250VAC TWISTLOCK PLUG HUBBELL		ELE19030			S
3060	304557	2.0	6023 SEALTITE COVER HUBBELL		ELE19030			S
3080	304555	2.0	7210 HUBBELL 2 WIRE OUTLET		ELE19030			S
3090	318289	2.0	23007 HUBBELL CAST METAL PLATE W/COVER		ELE19030			S
4000	MA04	0.0	**WIRE AND CABLE**		ELE			P
4010	325192	200.0	CABLE, UNSHEILDED 19 COND. 18GA BELDEN 8619		ELC020			S
4020	304872	50.0	3 AWG 19 STR THWN BLACK WIRE		ELE23021			S

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ITEM	CATALOG NO.	QTY	DESCRIPTION	BLTN	CATEGORY	DWG NO.	R	C
0010	329924	1.0	ALLEN BRADLEY T60 TERMINAL PER 52275-S		ELC030			P
0020	330079	4.0	1 MEGABYTE 70 NANOSECOND SIMM IMAGE		ELC030			S
0050	327440	1.0	1785-F1E IBM PC COMMUNICATIONS PKG A-B INCLUDES 1784-KT CARD AND SOFTWARE		ELE26026			S
0060	327513	1.0	1784-CP DATA HI-WAY PLUS CABLE A-B		ELE26026			P
0090	327192	1.0	MVV-05786 IBM PC DATA COLLECTION BRD SET REF. SPEC. 48860-S VISITRAK		ELC030			S
0100	326263	1.0	HOFFMAN FLUSH MOUNT KEYBOARD SHELF TO HOLD 8 1/2 X 20 1/4 KEYBOARD (PER HOFFMAN QUOTE 262757)		ELE13019			P
0106	327466	1.0	KEYBOARD SEAL FOR KEY TRONICS KB101 MISCO PART #DR2380 OR EQUAL		ELC030			S
0110	042113	1.0	ASS'Y, CABLE; KEYBOARD EXTENSION			042113-B*A	A	M
0010	326707	1.0	49152 DIN CABLE ASS'Y 5 POS 10' BELDEN		ELC15700			S
0020	326706	1.0	57GB5F DIN RECEPT 5 CONTACTS SWITCHCRAFT NEWARK STOCK #22F546		ELC02400			S
0120	042112	1.0	ASS'Y, CABLE; PRINTER PORT EXTENSION			042112-B*A	A	M
0010	326854	1.0	FC-25PT 25 PIN MALE D-SHELL CONN TRW- CINCH		ELC02500			S
0020	326855	1.0	FC-25ST 25 SOCKET FEM D-SHELL CONN TRW- CINCH		ELC02500			S
0030	326856	2.0	FC-SR25 STRAIN RELIEF FOR 326854 TRW- CINCH		ELC02500			S
0040	326853	10.0	CABLE FLAT COLOR CODE 25C ALPHA #3583/25		ELC020			S
0050	326261	1.0	PSCB-5 BLANK WRITE-ON LABEL PANDUIT (30 LABELS/BOOK)		ELC070			S
0140	328475	1.0	PB32DEC 8 QUAD MODULES OPTO-22 SMITH INST		ELC060			P
0150	328483	1.0	IAC5Q OPTO-22 QUAD MODULE SMITH INST		ELC060			P
0160	328484	1.0	OAC5Q OPTO-22 QUAD MODULE SMITH INST		ELC060			P
0170	328476	1.0	OD8 8-FT EDG TO HDR CABLE OPTO-22 SMITH		ELC060			P
0270	328482	10.0	CABLE, FLAT ALPHA #3580/37		ELC020			S
0295	328141	1.0	PCI-20028A-3 STRAIN RELIEF BURR-BROWN		ELC030			S
0300	325343	1.0	VIEWING WINDOW 23.5 X 23.5 COXLIN		ELE13029			S
0311	328645	2.0	2406BM2AV360 PRESSURE X-DUCER VIATRAN		ELC060			P
0440	LIST NO. LPM94006	QTY 1.0	DESCRIPTION PRO-MANAGER/VIEWER COMPONENTS - PLC-5	PAGE 1 CONTINUED	PRINT DATE 01/22/94	SERIAL NO. D94006		

