

FALCON 2034 VERTICAL LIFT

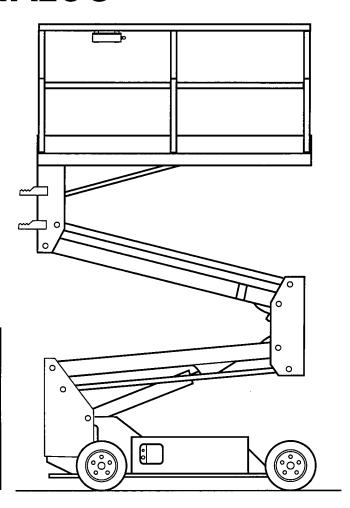
ILLUSTRATED PARTS CATALOG

FOR MACHINE SERIAL NUMBER

Note:

Early versions of the FALCON 2034 Vertical Lift are identified on nameplates, decals and accompanying publications as "L-2034E".

Both names refer to the same model, which is identified throughout this publication by its current name, "FALCON".



Part No. 89-750005 • Revision "0.7", dated June 1996 •

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INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON FALCON 2034 VERTICAL LIFT PLATFORMS (as well as some earlier versions described as "L-2034"). All parts represented here are manufactured and supplied in accordance with Simon Aerials quality standards. We recommend that you use GENUINE SIMON AERIALS PARTS to insure maximum SAFETY and PERFORMANCE.

Prices for all parts listed in this Catalog can be found in a separate Spare Parts Price List. Please contact Simon Aerials Parts Department for the latest edition of the Spare Parts Price List.

HOW TO USE THIS CATALOG

The Cover Page indicates the specific model or models covered by this Parts Catalog.

The "Table of Contents" pages list the specific sections, pages and page titles that are relevant to this model, and contained in this Catalog. Only those pages that refer specifically to the FALCON 2034 are included in this Catalog.

The "Primary Machine Component Groups" page illustrates the three major assemblies, along with their "Section" number.

The Parts Catalog is divided into "Sections", numbered from 1 through 99. Each section contains the individual parts that make up a major component, assembly or item. The first three sections (1,3 and 4) contain the major assemblies, or "Primary Machine Component Groups". Sections that follow contain sub-assemblies or components of these "major" assemblies.

If a part number is followed by a plate number in the "SEE SECTION" column, refer to the plate indicated for a further breakdown of components for that part number. Items with indented descriptions are components of the non-indented item directly above.

When selecting parts for a specific machine, be sure to verify the machine model number, and serial number or date code (found on the data plate). When ordering parts, always give:

- 1. Model and Serial Number
- 2. Item Part Number and Description
- 3. Order Quantity

If a part number is not listed for a selected item, please provide this additional information:

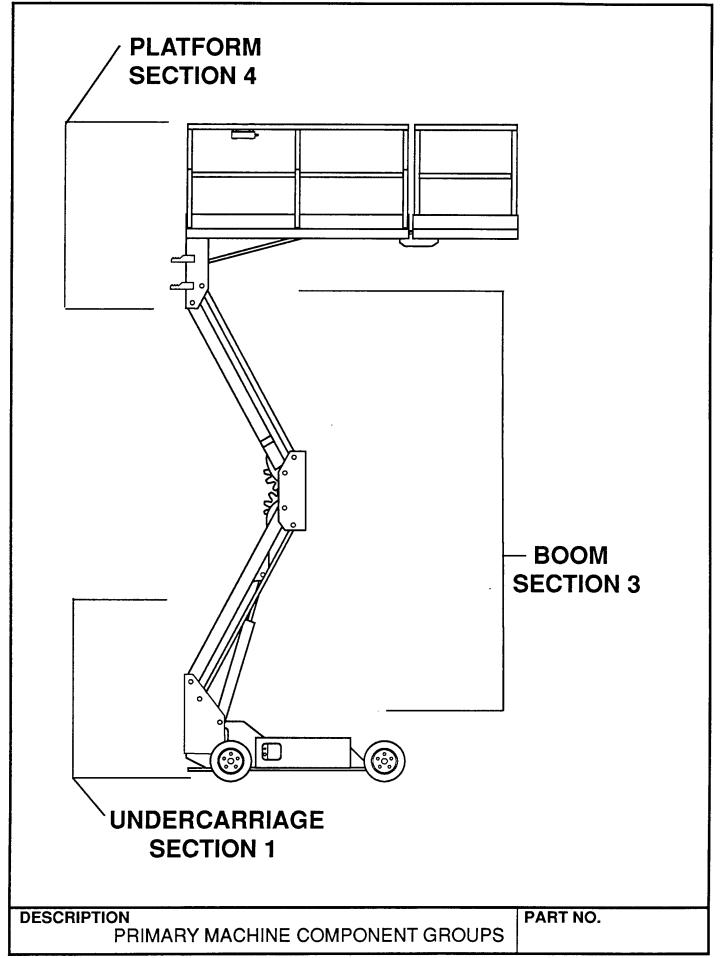
- 4. Parts Plate number, Item Number and Description of the desired item, OR
- 5. Part Number of the next assembly (Parent Part), if the desired item is not listed.

Some assembled items, such as hydraulic cylinders, may have been supplied by more than one source. While the <u>assemblies</u> may be able to be used interchangeably, FOR SAFETY'S SAKE, do not mix components or repair kits. Please confirm the make of the assembly on the unit before ordering or installing replacement parts.

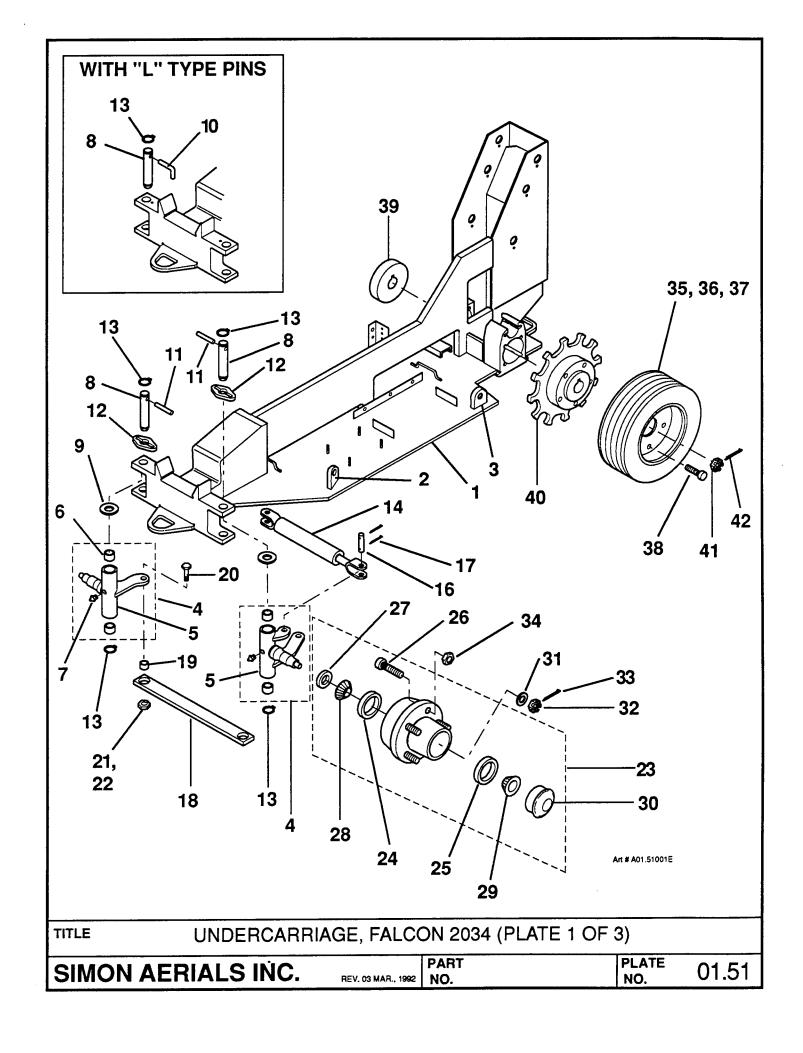
Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

SIMON AERIALS INC. reserves the right to change, improve, modify or expand features of its equipment. Therefore, specifications, models or equipment are subject to change without notice, and without incurring obligation to change, improve, modify or expand features of previously delivered units.

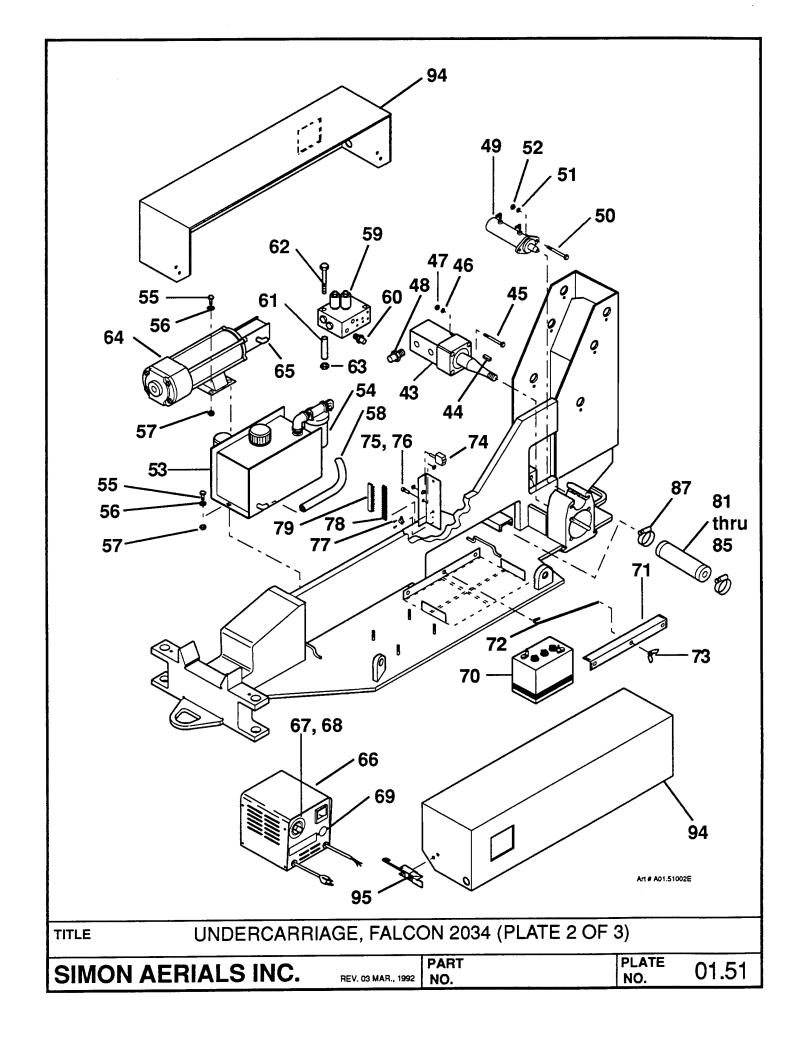
All SIMON AERIALS INC. manuals are periodically updated to reflect changes that occur in the equipment. Please contact Simon Aerials Technical Support Department with any questions you may have regarding your particular machine, or the availability of more recent manuals.



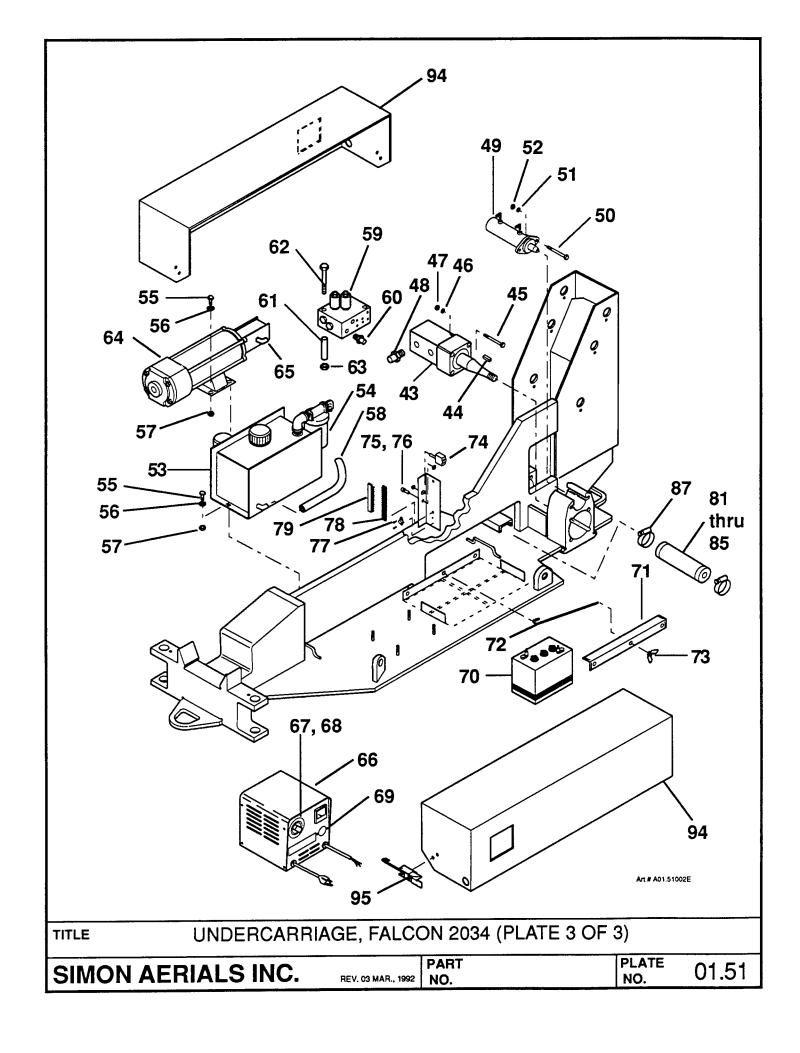
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2161540	SECTION	UNDERCARRIAGE WELDMENT (without lifting lugs)	1		
'	2178510		UNDERCARRIAGE WELDMENT (with lifting lugs)	1		
2	2178360		LUG, LIFTING (front)	2		
3	2178350		LUG, LIFTING (rear)	2		
4	3520810		SPINDLE ASSEMBLY (right)	1		
	3520820		SPINDLE ASSEMBLY (left)	1		
5	2160690		SPINDLE WELDMENT (right)	1		
1	2160570	<u> </u>	SPINDLE WELDMENT (left)	1		
6	08-064400		BUSHING (1" I.D., 1-1/4" O.D., 1" long)	2		
7	08-050000		FITTING, GREASE (1/8", straight)	1		
8	2161030		PIN, SPINDLE (1" x 8-15/16")	2 2		
9	08-060500		BEARING, THRUST (Oilite, 1" 1.D., 2" O.D.) PIN, LOCK ["L" type, 1-7/8" (47 mm) long]	2		
10	2161040 2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	2		
12	2169860		PLATE, KEEPER [for 3" (76 mm) long straight pin]	2		
13	08-040600		RING, RETAINING (1")	4		
14	See plate.	11.52	CYLINDER, STEER			
			Note: "Type 1" cylinder was original equipment on units			
			up to S/N L 433.			
			"Type 2" cylinder is original equipment on S/N L 433 and	1		
			above. See plate 11.52.	1		
15	10-117300		BOOT, CYLINDER ROD COVER (not shown)			
			For "Type 1" steer cylinder only. See plate 11.52.	1		
16			PIN, CLEVIS	2		
17	0159070		PIN, COTTER ROD, TIE	4		
18 19	2158970 2158980		BUSHING, TIE ROD (1/2" I.D., 3/4" O.D., 1/2" long)	2		
20	07-003089		SCREW, HEX HEAD (1/2"-13 x 2-1/4", Grade 5)	2		
21	07-050018		NUT, STOP (1/2*-13, Grade 5)	2		
22	07-061018		WASHER, FLAT (1/2" SAE)	2		
23	02-019800		HUB ASSEMBLY, FRONT	2		
24			CUP, BEARING (inner)	1		
25			CUP, BEARING (outer)	1		
26			STUD, WHEEL MOUNTING	5		
27	02-019802		SEAL SOLVED SEASING ()	1		
28			CONE AND POLLER, BEARING (inner)	1		
29	02 040904		CONE AND ROLLER, BEARING (outer) CAP, HUB	1 1		
30 31	02-019801 02-019503		WASHER, FLAT	2		
32	02-019503		NUT (3/4"-16)	$\bar{2}$		
33	02-019502		PIN, COTTER	2		
34	07-090134		NUT, LUG (1/2"-20)	10		
TITLE		UNDER	CARRIAGE, FALCON 2034 (PLATE 1 OF 3)			
PLAT	E 01 51	CINAC	NAERIALS INC. REV. 03 MAR., 1992 PART NO			
NO.	⁵ 01.51	SINIO	NACRIALS IIVC. REV. 03 MAR., 1992 NO.			



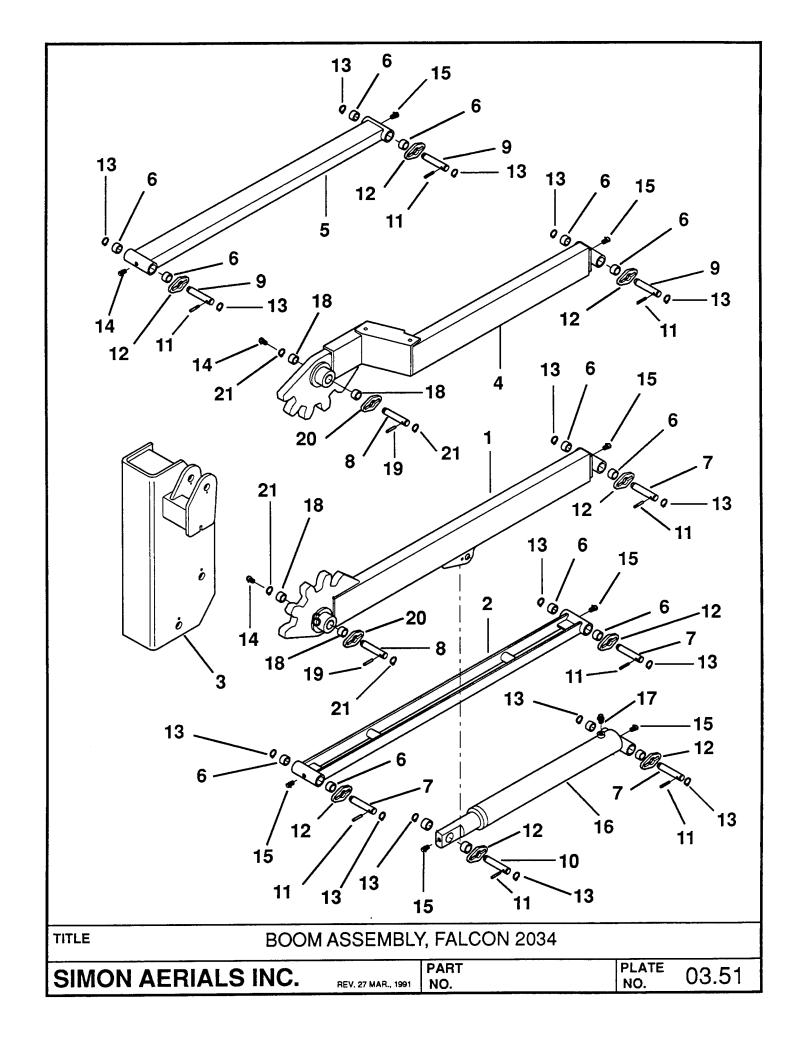
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
35	02-019700		WHEEL AND TIRE ASSEMBLY (black lugged tire)	4		
	02-031200		WHEEL AND TIRE ASSEMBLY (black ribbed tire)	4		
	02-031000		WHEEL AND TIRE ASSEMBLY (white non - marking tire)	4		
36			WHEEL ASSEMBLY (8" dia. x 4" wide) TIRE	4		
37 38	07-090133		BOLT, REAR WHEEL MOUNTING (1/2"-20 x 1")	10		
39	2160890		HUB, REAR (right, for Serial Numbers L-101 thru L-112)	1		
	02-019600		HUB, REAR (right, for Serial Numbers L-113 and up)	1		
40	2160930		HUB AND SPROCKET, REAR BRAKE (left)	1		
41			NUT	2		
42	07-070507		PIN, COTTER (1/8" x 1-3/4") MOTOR, DRIVE	2 2		
43 44	01-097300		KEY, WOODRUFF (5/16")	1		
45	07-003103		SCREW, HEX HEAD (1/2"-13 x 6-1/2", Grade 5)	8		
46			WASHER, FLAT (1/2")	8		
47			NUT, HEX LOCK (1/2"-13)	8		
48	06-040000		CONNECTOR, STRAIGHT THREAD (6-10 F50X)	1		
49 50	See plate 07-003059	11.53	CYLINDER, BRAKE SCREW, HEX HEAD (3/8"-16 x 5", Grade 5)	2		
51	07-003059		WASHER, FLAT (3/8")	2		
52			NUT, HEX LOCK (3/8"-16)	2		
53	3520800	24.51	TANK ASSEMBLY, HYDRAULIC	1		
54	01-081501		ELEMENT, FILTER	1		
55			SCREW, HEX HEAD (5/16"-18 x 1-3/4", Grade 5)	6		
56			WASHER, FLAT (5/16") NUT, HEX LOCK (5/16"-18)	6		
57 58	05-101400		NOT, HEX LOCK (3/10 -18) HOSE, BRAIDED [2 layer, fabric, 3/4" I.D. x 2.1 ft. (64 cm)]	1		
59	01-097500	23.51	VALVE ASSEMBLY, COMBINATION	i		
60	01-098300		SWITCH, PRESSURE	1		
61	2161840		SPACER, VALVE MOUNT	2		
62	07-027058		BOLT, CARRIAGE (3/8"-16 x 9", Grade 5)	2		
63	01 007400		NUT (3/8"-16) MOTOR, PERMANENT MAGNET	2		
64	01-097400		(24 Volt DC, 150 Amp @ 3600 RPM)	•		
65	06-205200		INSERT, BEADED [45°, 3/4" (19 mm) dia. to #8 "O"-Ring]	1		
TITLE		UNDER	CARRIAGE, FALCON 2034 (PLATE 2 OF 3)			
PLAT NO.	E 01.51	SIMO	NAERIALS INC. REV. 03 MAR., 1992 PART NO.			
		<u> </u>				



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
66			CHARGER, BATTERY (24 V AC, 60 hz, 8 Amp, 25 V DC)	1			
	03-467300		First type, on units built prior to June, 1990				
	03-474700		Second type, on units built June, 1990 and later	_			
67 68			TIMER, 16 HOUR (for "Type 1" charger) KNOB, TIMER (for "Type 1" charger)	4			
69			FUSE ASSEMBLY (for "Type 1" charger)				
70	03-053700		BATTERY (6 Volt DC)	4			
71	2160110		HOLD DOWN, BATTERY	1			
72	2161560		ROD, BATTERY TIE DOWN	3			
73	00 000700		NUT, WING (1/4"-20)	3			
74 75	03-020500 03-468300		SWITCH, TOGGLE HOLDER, FUSE				
76	03-468400		FUSE, 15 AMP (fast acting, 1/4" x 1-1/4")	1			
77	03-467900		ALARM, DESCENT	1			
78	03-468700		STRIP, TERMINAL	1			
79	2162330		STRIP ASSEMBLY, FANNING	1			
80	3521210		CYLINDER KIT, CUSHION (Ref. Service Bulletin 89-100290)	1			
81	04-033800		CUSHION, CYLINDER	1			
82 83	04-033801 04-033802		SEAL KIT, CUSHION CYLINDER SPRING	2			
84	04-033803		PISTON	1			
85	04-033804		GLAND, END	2			
86	2173440		CHANNEL, CYLINDER MOUNTING	1			
87	09-005700		CLAMP, HOSE	2			
88	3512370	i	HOSE ASSEMBLY	2			
89	06-039500		CONNECTOR, STRAIGHT THREAD (4-6 F50X) RUN TEE, STRAIGHT THREAD (6 R50X)	2 2			
90 91	06-048500 06-060100		REDUCER, TUBE END (6-4 TRTX)	2			
92	06-090800		REDUCER/ EXPANDER (10-6 F50G5)	2			
93	06-057500		TUBE NUT (6 BTX)	2			
94	2161680		COVER, COMPARTMENT (for S/N L-101 thru L-112)	2			
	2165370		COVER, COMPARTMENT (for S/N L-113 and up)	2			
95	10-099400		LATCH, DRAW (for Serial Numbers L-101 thru L-112)	4			
	10-111500		LATCH, DRAW (for Serial Numbers L-113 and up)	4			
	***************************************			P			
		200020000000000000000000000000000000000		200000000000000000000000000000000000000			
TITLE	Į	JNDERC	CARRIAGE, FALCON 2034 (PLATE 3 OF 3)				
PLATE			N AEDIAL CINC PART				
NO.	01.01	SIIVIO	NACRIALS IINC. REV. 03 MAR., 1992 NO.				



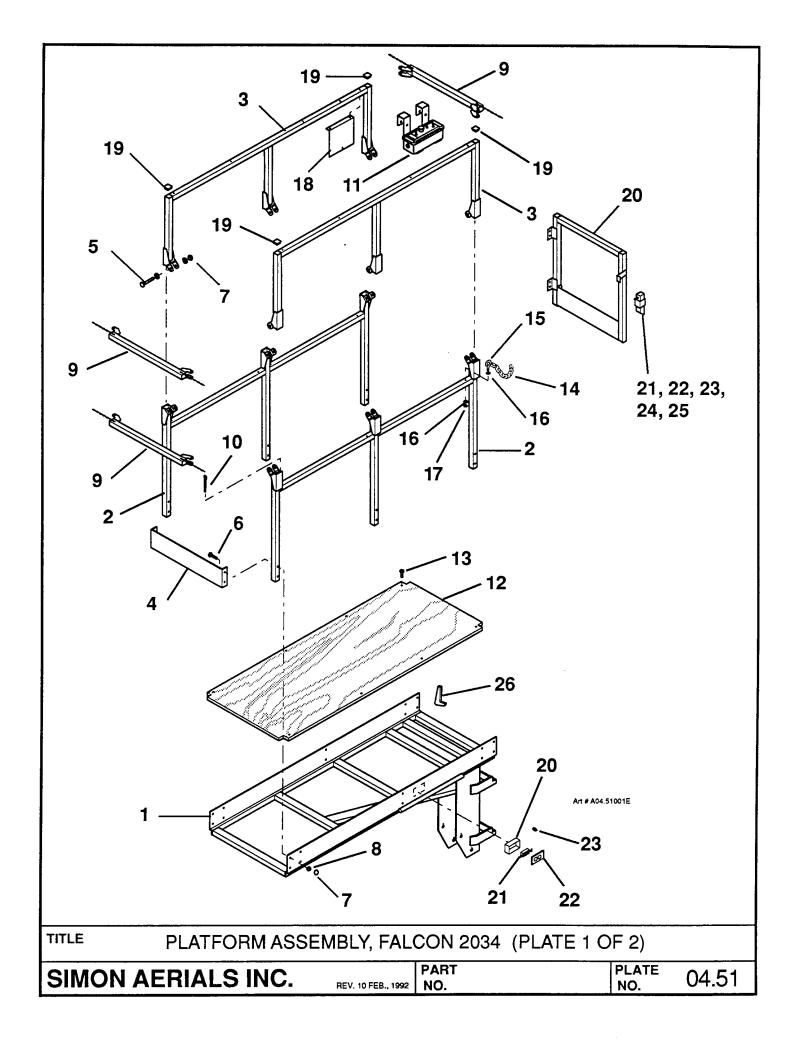
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	0101170		BOOM WELDMENT, LOWER	1		
	2161470		for Serial Numbers L-101 thru L-120			
	2167270 2178570		for S/N L-121 and up, except for units sold in Australia			
2	2170070		for units sold in Australia ARM WELDMENT, LOWER PARALLEL	4		
-	2158860		except for units sold in Australia	1		
	2178830		for units sold in Australia			
3	2170000		MID-POST WELDMENT	1		
	2161000		for Serial Numbers L-101 thru L-120	·		
	2167250		for S/N L-121 and up, except for units sold in Australia			
	2178500		for units sold in Australia			
4			BOOM WELDMENT, UPPER	1		
	2161420		for Serial Numbers L-101 thru L-120			
	2167260		for S/N L-121 and up, except for units sold in Australia			
5	2178840 2158810		for units sold in Australia ARM WELDMENT, UPPER PARALLEL			
6	08-014000		BEARING, SLEEVE (1-1/2" I.D., 1-3/4" O.D., 1-1/2" long)	1 12		
7	2160750		PIN, LIFT CYLINDER (Base end) (1-1/2" x 9-5/16")	1		
	2160750		PIN, LOWER BOOM PIVOT (1-1/2" x 9-5/16") (at base post)	1		
	2160750		PIN, LOWER PARALLEL ARM PIVOT (1-1/2" x 9-5/16")	2		
8			PIN, BOOM PIVOT (at mid post)	2		
	2166930		1-1/2" x 10-9/16" (for Serial Numbers L-101 thru L-120)			
	2167100		2-3/8" x 9-5/16" (for Serial Numbers L-121 and up)			
9	2160760		PIN, UPPER BOOM PIVOT (1-1/2" x 8-1/16") (at upper post)	1		
10	2160760		PIN, UPPER PARALLEL ARM PIVOT (1-1/2" x 8-1/16")	2		
11	2160770 2161040		PIN, LIFT CYLINDER (Rod end) (1-1/2" x 4-5/16") PIN, LOCK ["L" type, 1-7/8" (47 mm) long]	1 8		
	2169850		PIN, KEEPER [straight pin, 3" (76 mm) long]	8		
12	2169860		PLATE, KEEPER [for 3" straight pin]	8		
13	08-040900		RING, RETAINING (1-1/2")	16		
14	08-050000		FITTING, GREASE (1/8", straight)	3		
15	08-051300		FITTING, GREASE (1/8", 90°)	7		
16	See plate	11.51	CYLINDER, LIFT	1		
17	01-200400		FUSE, VELOCITY [2.2 gal. (8.3 L) / min.]	1		
ا ا	01-205000		FUSE, VELOCITY [3.0 gal. (11.4 L) / min.]	1		
18	08-014000 08-066500		BEARING, SLEEVE (for Serial Numbers L-101 thru L-120)	4		
19	2161040		BEARING, SLEEVE (for Serial Numbers L-121 and up) PIN, LOCK ("L" type, for Serial Numbers L-101 thru L-120)	4 2		
'	2167120		PIN, LOCK ("L" type, for Serial Numbers L-121 and up)	2		
	2169840		PIN, KEEPER (straight pin, 4-1/4" long)	2		
20	2169870		PLATE, KEEPER (FOR 4-1/4" straight pin)	2		
21	08-040900		RING, RETAINING (1-1/2") (for S/N L-101 thru L-120)	4		
	08-066600		RING, RETAINING (1-1/2") (for S/N L-121 and up)	4		
TITLE			BOOM ASSEMBLY, FALCON 2034			
PLATE	02.51	CIMO	A A EDIAL CINC PART			
NO.	03.51	SINO	NAERIALS INC. REV. 27 MAR., 1991 NO.			



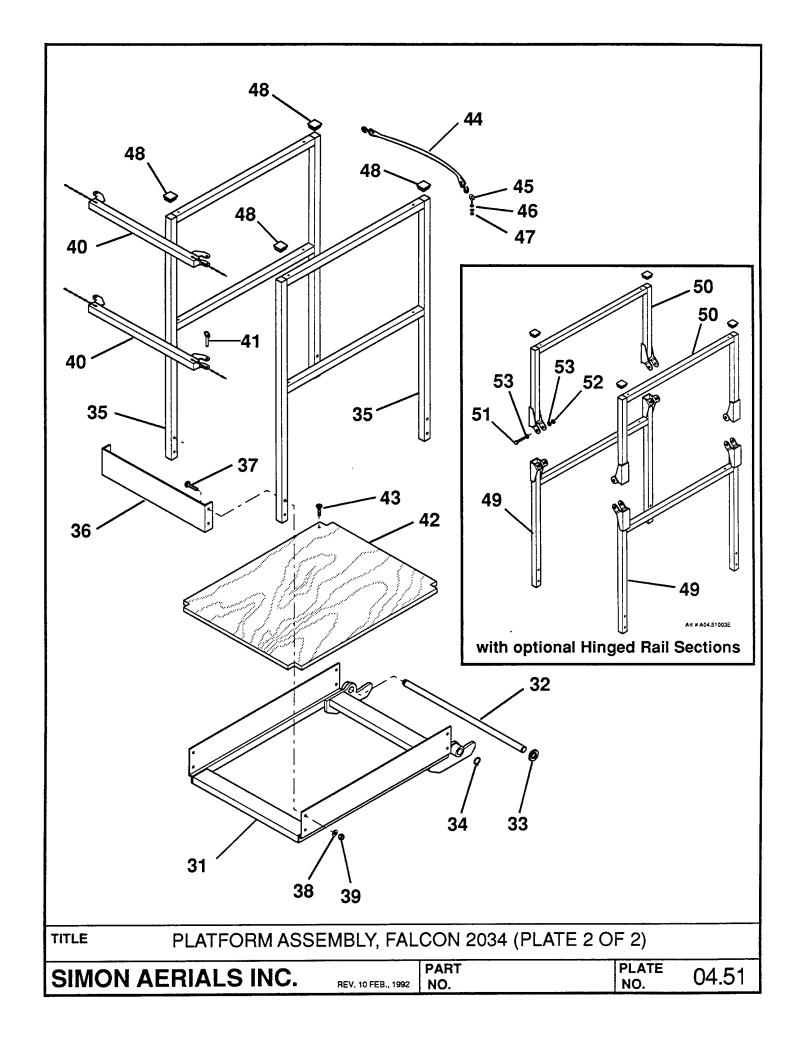
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2161500		PLATFORM WELDMENT	1		
2	2161690		RAIL WELDMENT, SIDE LOWER (fixed section)	2		
3	2161670		RAIL WELDMENT, SIDE UPPER (folding section)	2		
4	2161760		KICK BOARD, PLATFORM END (without fold down deck)	1		
5	07-003050		SCREW, HEX HEAD (3/8"-16 x 2-1/4", Grade 5)	6		
6	07-003049		SCREW, HEX HEAD (3/8"-16 x 2", Grade 5)	12		
7	07-050016		NUT, HEX LOCK (3/8"-16)	18		
8	07-062016		WASHER, FLAT (3/8")	12		
9	2161730		RAILING, END [28" (71 cm) long] (without fold down deck)	3		
			(with fold down deck)	2		
10	11-082100		PIN, HITCH (5/16" x 2-1/2") (without fold down deck) (with fold down deck)	6 4		
11	See plate	09.51	CONSOLE, PLATFORM CONTROL	1		
12	10-110800		PLYWOOD, EXTERIOR GRADE			
			[5/8" x 24" x 96" (16 mm x 61 cm x 244 cm]	1		
13	07-029365		SCREW, HEX WASHER HEAD (#12 x 1", self drill, w/ seal)	6		
14	2163950		CHAIN ASSEMBLY, SAFETY	1		
15	07-026006		BOLT, EYE (5/16")	2		
16	07-062015		WASHER, FLAT (5/16")	4		
17	07-050015		NUT, STOP (5/16"-18, Grade 5)	2		
18	2166320		PLATE, DECAL MOUNTING	1		
19	10-114100		CAP, SQUARE TUBING	4		
20	2179050		GATE WELDMENT (for units sold in Australia)	-		
21	2179010		LATCH ASSEMBLY, GATE (for units sold in Australia) LATCH, GATE	4		
22	2179000 07-075822		PIN, ROLL (1/4" x 2")	2		
23	07-075622		TUBE, LATCH	1		
25			SPACER, LATCH TUBE	1		
26	2182130		GUSSET, GATE REINFORCEMENT	1		
	2.02.00					
			Following items used on machines with110 Volt AC outlet			
			mounted directly to Platform Assembly (S/N L-121 and up)			
			For AC outlet on earlier machines, see plate 09.51 (Platform			
			Control Console):			
0.7	02.062100		BOX, DUPLEX OUTLET	4		
27 28	03-062100 03-067000		OUTLET, DUPLEX (110 Volt AC)	1		
29	03-062200		COVER, DUPLEX OUTLET	1		
30	03-041000		GRIP, CORD	1		
	55 041000		,			
TITLE	PL	ATFOR	M ASSEMBLY, FALCON 2034 (PLATE 1 OF 2)			
PLAT	PLATE 04.51 SIMON AERIALS INC. REV. 10 FEB., 1992 NO.					

04.51 | SIMON AERIALS INC. NO.

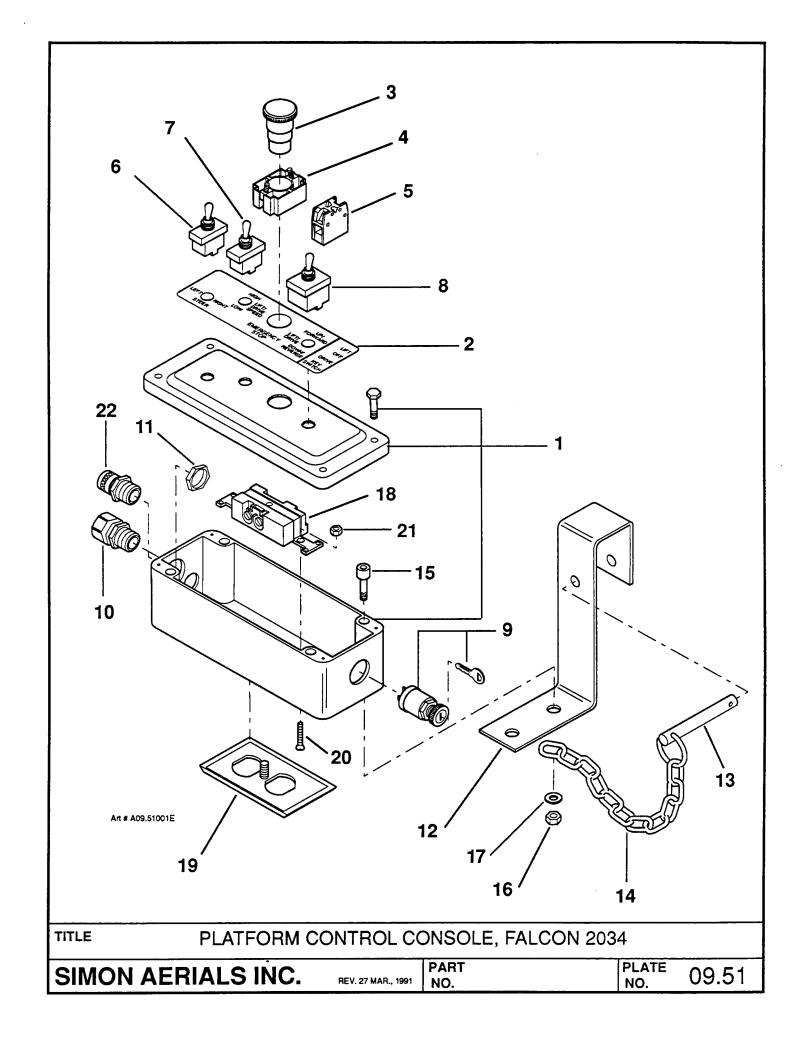
REV. 10 FEB., 1992 NO.



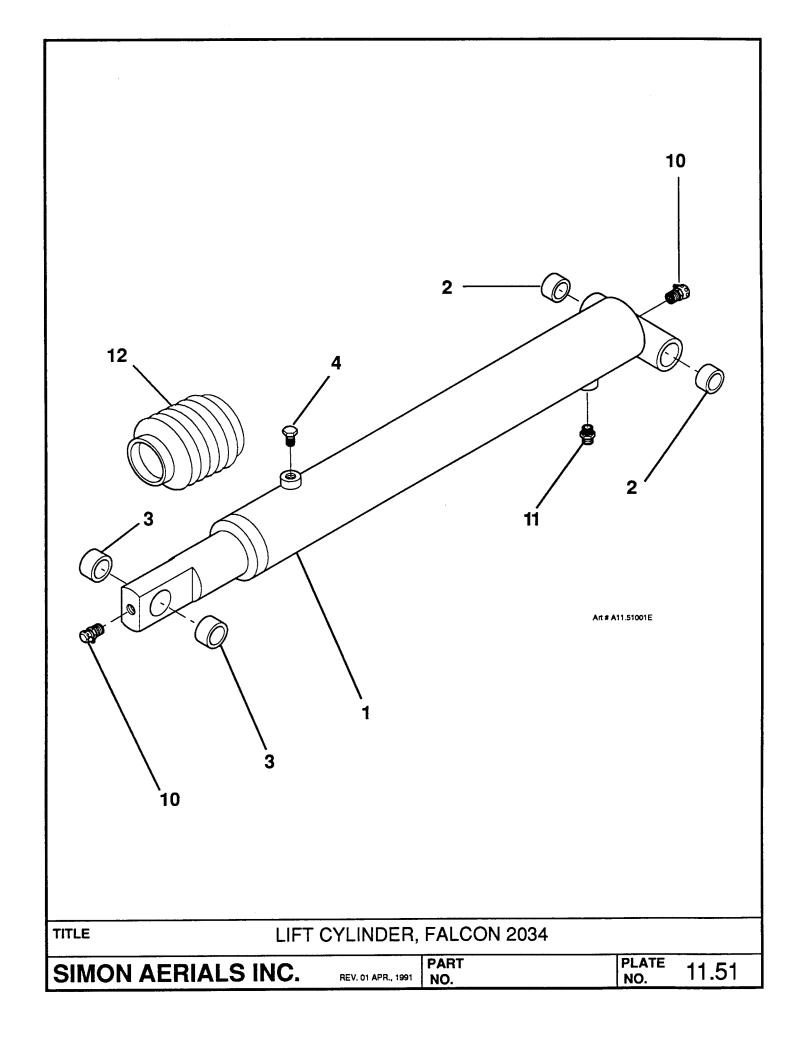
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			The following items are used only with the optional FOLDING DECK EXTENSION:		
31 32 33 34	2166510 2162490 07-060024 08-040600		DECK WELDMENT, FOLDING PIN, PIVOT WASHER, FLAT (1" SAE) RING, RETAINING (1")	1 1 A.R. 2	
35 36 37 38 39	2162700 2162450 07-003049 07-062016 07-050016		RAIL WELDMENT, SIDE (with fixed side railings. See items 49 thru 53 for optional folding side rails.) KICK BOARD, DECK EXTENSION END SCREW, HEX HEAD (3/8"-16 x 2", Grade 5) WASHER, FLAT (3/8") NUT, HEX LOCK (3/8"-16)	2 1 8 12 8	
40 41 42 43 44	2162470 11-082100 10-111400 07-029365 10-114500		RAILING, END [22-1/4" (56.5 cm) long] PIN, HITCH (5/16" x 2-1/2") PLYWOOD, EXTERIOR GRADE [5/8" x 23" x 30" (16 mm x 58.4 cm x 76 cm)] SCREW, HEX WASHER HEAD (#12 x 1", self drill, w/ seal) TIE DOWN, RUBBER	2 4 1 4	
45 46 47 48	07-026006 07-062015 07-050015 10-114100		BOLT, EYE (5/16") WASHER, FLAT (5/16") NUT, STOP (5/16"-18, Grade 5) CAP, SQUARE TUBING The following items are used with the optional FOLDING	2 4 2 4	
49 50 51 52 53	2176520 2176600 07-003050 07-050016 07-062016		SIDE RAILS on the optional FOLDING DECK EXTENSION: RAIL WELDMENT, SIDE LOWER RAIL WELDMENT, SIDE UPPER SCREW, HEX HEAD (3/8"-16 x 2-1/4", Grade 5) NUT, HEX LOCK (3/8"-16) WASHER, FLAT (3/8")	2 2 4 4 8	
PLAT		T	M ASSEMBLY, FALCON 2034 (PLATE 2 OF 2)		
NO.	^E 04.51	SIMO	N AERIALS INC. REV. 10 FEB., 1992 NO.		



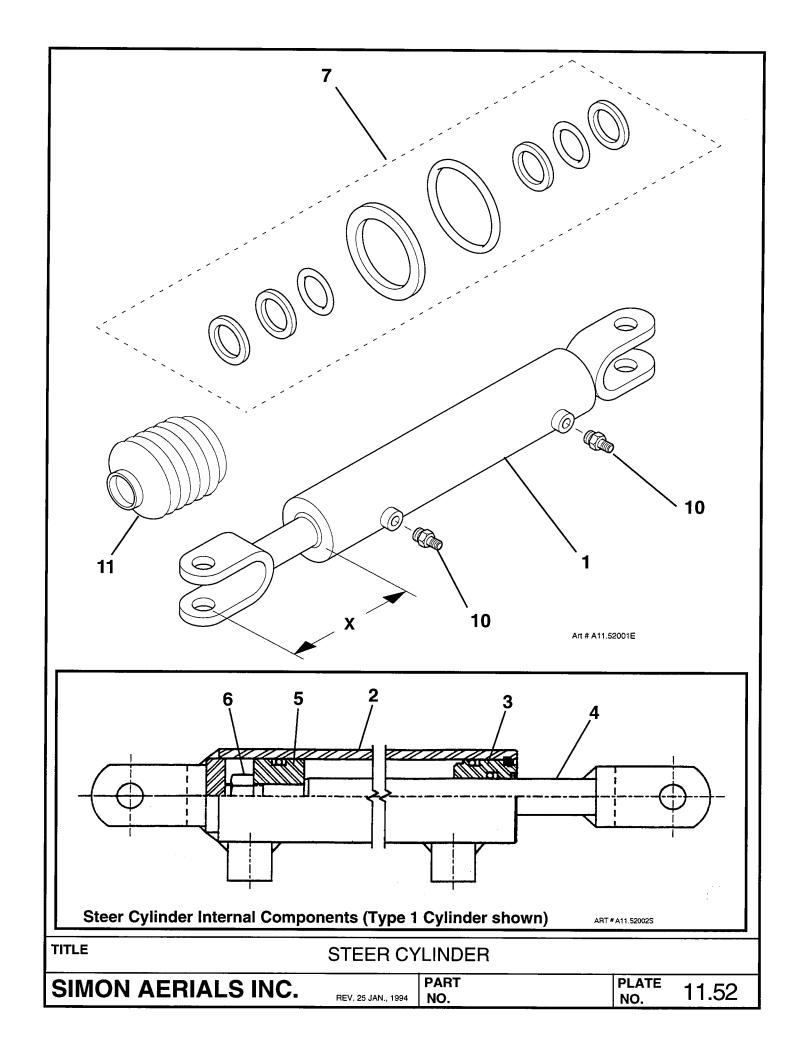
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			CONSOLE ASSEMBLY, PLATFORM CONTROL			
	2162940		(with 110 Volt AC outlet. For S/N L-101 thru L-120)	1		
	2166060		(without 110 Volt AC outlet. For S/N L-121 and up)	1		
1	2161450		BOX, PLATFORM CONTROL (includes cover) (with cutout for AC outlet: S/N L-101 thru L-120)	4		
	2166050		(has no cutout for AC outlet, S/N L-121 and up)	1		
2	2162920		DECAL, PLATFORM CONTROL	1		
3	03-409800		BUTTON, EMERGENCY STOP	1		
4	03-454900	*************************	BASE, SWITCH MOUNTING	1		
5	03-437300		BLOCK, CONTACT (normally closed)	1		
6	03-020500		SWITCH, TOGGLE (Steer)	4		
7	03-020400		(3 position, intermittent, single pole, single throw) SWITCH, TOGGLE (Lift/ Drive speed)	1		
'	03-020400		(2 position, maintained, single pole, single throw)	1		
8	03-020600		SWITCH, TOGGLE (Lift/ Drive direction)	, i		
			(3 position, intermittent, double pole, double throw)	1		
9	03-468900		SWITCH, KEY OPERATED	*		
10	03-037200		GRIP, CORD (5/8")	1		
11	03-055500		NUT, CONDUIT LOCK (1/2") (for Serial Numbers L-101 thru L-120)	2 2		
			(for Serial Numbers L-121 and up)	1		
12	2161460		BRACKET, CONTROL BOX MOUNTING	2		
13	11-082100		PIN, HITCH (5/16" x 2-1/2")	1		
14	2161720		CHAIN [14 link, 14 Gauge., 7" (178 mm) long]	1		
15	07-008354		SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4")	4		
16 17	07-050011		NUT, STOP (#10-24)	4		
17	07-062011		WASHER, FLAT (#10)			
			Following items used only on Console Assembly with 110			
			Volt AC outlet. For Serial Numbers L-101 thru L-120 only:			
18	03-067000		OUTLET, DUPLEX (110 Volt AC)	1		
19	03-062200		COVER, DUPLEX OUTLET	1		
20 21	01-011335 07-050007		SCREW, PAN HEAD (#6-32 x 1/2") NUT, STOP (#6-32)	2 2 1		
22	03-045500		GRIP, CORD (1/2")	1		
TITLE			DM CONTROL CONSOLE FALCON 2024	1		
<u></u>		PLAIFO	RM CONTROL CONSOLE, FALCON 2034			
PLATE NO.	09.51	SIMO	NAERIALS INC. REV. 27 MAR., 1991 PART NO.			



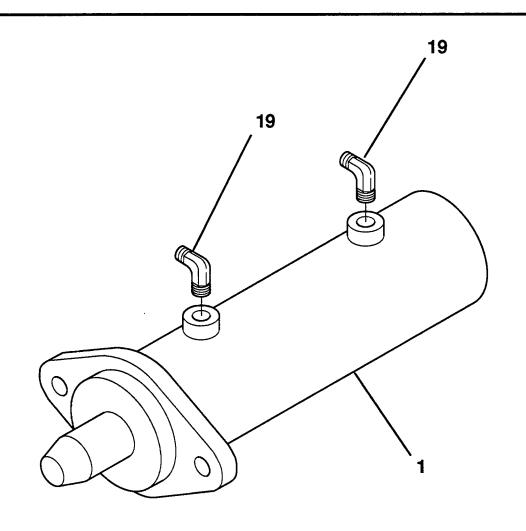
ļ	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	04-031000 04-033600 04-034000		CYLINDER, LIFT (Type 1, for Serial No. L-101 thru L-120) (A "Type 1" cylinder can be identified by the bleed screw location in line with the hose fitting, at the rod end of the cylinder) CYLINDER, LIFT (Type 2, for Serial No. L-121 and above) [A "Type 2" cylinder has a 4" (102 mm) cylinder bore, and can be identified by a bleed screw location 180° from the hose fitting, at the rod end of the cylinder. There is no Simon part number stamped near the hose fitting.] CYLINDER, LIFT (Type 3) [A "Type 3" cylinder has a 3-1/2" (89 mm) cylinder bore, and can be identified by a bleed screw location 180° from	1		
2 3 4			the hose fitting, at the rod end of the cylinder. The Simon part number is stamped near the hose fitting.] BUSHING, BASE END (comes with cylinder) (1-3/4" O.D., 1-1/2" I.D., 1-1/4" long) BUSHING, ROD END (comes with cylinder) (1-3/4" O.D., 1-1/2" I.D., 1" long) SCREW, FLAT HEAD (#10, with metal washer) (Comes with "Type 1" cylinder) PLUG, HEX SOCKET (SAE #4 "Q"-Ring) (With "Type 2" cylinder. To replace original 1/4"-28 screw & washer per Service Bulletin #082-062790.)	1 2 2		
5 67 8 9	04-031002 04-031003 04-031004 04-031005 04-031001 04-033601 04-034001		PLUG, HEX SOCKET (SAE #4 "O"-Ring) (Comes with "Type 3" cylinder) ROD ASSEMBLY, CYLINDER (for "Type 1" cylinder) PISTON (for "Type 1" cylinder) RING, SNAP (for "Type 1" cylinder) GUIDE, ROD (for "Type 1" cylinder) SEAL KIT (for "Type 1" cylinder) SEAL KIT (for "Type 2" cylinder) SEAL KIT (for "Type 3" cylinder) The following parts are NOT INCLUDED as part of the lift cylinder assembly.	1 1 1 1 1		
10 11 12 TITLE	08-051300 01-200400 See plate 10-117400	11.56	FITTING, GREASE (1/8", 90°) FUSE, VELOCITY (option, shown) VALVE, HOLDING (option) BOOT, CYLINDER ROD COVER (for "Type 1" cylinder) LIFT CYLINDER, FALCON 2034	2 1 1		
PLATI NO.	E 11.51	SIMO	NAERIALS INC. REV. 01 APR., 1991 PART NO.			

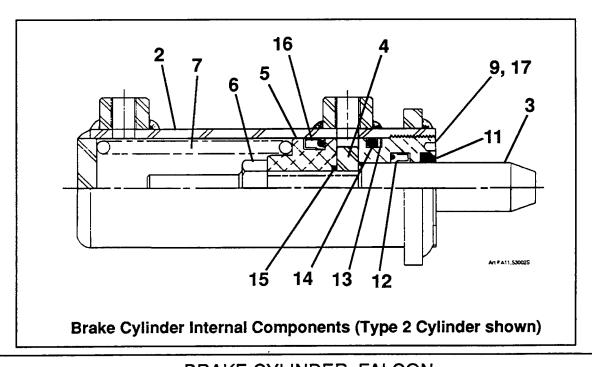


04-031300		PARTS LIST					
04-031300	ITEM	PART NO	_	DESCRIPTION	QTY.		
Collapsed dimension "X" of 3.062" (77.8 mm). 1	1	04-031300		· · · · · · · · · · · · · · · · · · ·			
04-034300							
Note: A "Type 2" cylinder can be identified by the collapsed dimension "X" of 2.562" (65.1 mm). 1		04.034300			1		
Note: When ordering REPLACEMENT CYLINDER, "Type 2" will be supplied.		04-054500					
#Type 2" will be supplied. 2					1		
#Type 2" will be supplied. 2							
BODY ASSEMBLY, CYLINDER							
3				Type 2 Will be supplied.			
04-034306 GUIDE, ROD (for "Type 2" cylinder) 1				BODY ASSEMBLY, CYLINDER	1		
A	3				1		
04-034305 ROD, CYLINDER (for "Type 2" cylinder) 1	4						
STEER CYLINDER STEER CYLINDER CYLINDER STEER CYLIND	4			, , , , ,	·		
NUT, LOCK (1/2"-20) (for "Type 1" cylinder) 1	5				1		
SEAL KIT (for "Type 1" cylinder) SEAL KIT (for "Type 2" cylinder) PIN, CLEVIS (1/2" x 2-1/16") (for "Type 2" cylinder) PIN, CLEVIS (1/2" x 2-1/16") (for "Type 2" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" c		04-034304			1		
SEAL KIT (for "Type 2" cylinder) 1		04 021201			1		
8	'			· · · · · · · · · · · · · · · · · · ·	· ·		
9 04-031303 PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 1" cylinder) PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) 4 The following parts are NOT INCLUDED as part of the steer cylinder assembly: 10 06-000600 CONNECTOR, STRAIGHT MALE (4-6 FTX) BOOT, CYLINDER ROD COVER (for "Type 1" cylinder) 1 TITLE STEER CYLINDER	8				2		
PIN, COTTER (Steel, 1/8" x 3/4") (for "Type 2" cylinder) The following parts are NOT INCLUDED as part of the steer cylinder assembly: CONNECTOR, STRAIGHT MALE (4-6 FTX) BOOT, CYLINDER ROD COVER (for "Type 1" cylinder) TITLE STEER CYLINDER					2		
The following parts are NOT INCLUDED as part of the steer cylinder assembly: 10 06-000600	9				4		
cylinder assembly: CONNECTOR, STRAIGHT MALE (4-6 FTX) BOOT, CYLINDER ROD COVER (for "Type 1" cylinder) TITLE STEER CYLINDER PART		04-034303		PIN, COTTER (Steel, 1/8 x 3/4) (for Type 2 cylinder)	4		
TITLE STEER CYLINDER STEER CYLINDER STEER CYLINDER STEER CYLINDER STEER CYLINDER				The following parts are NOT INCLUDED as part of the steer			
TITLE STEER CYLINDER STEER CYLINDER				cylinder assembly:			
TITLE STEER CYLINDER STEER CYLINDER	10	06-000600		CONNECTOR STRAIGHT MALE (4-6 ETY)	9		
TITLE STEER CYLINDER							
DIATE							
DIATE		:					
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DIATE							
DIATE	TITI F			STEER CYLINDER			
PLATE 11 50 CIRACNI AEDIALO INO PART							
NO. 11.52 SIVION AERIALS INC. REV. 25 JAN. 1994 NO.		^E 11.52	SIMO	RI ALIBIAI C'IRIZ'			



TEM
for Falcon 2034, S/N L-101 thru L-112, for Falcon 2034, S/N L-114 thru L-118
for Falcon 2034, S/N L-114 thru L-118)
Type 1" cylinder length from flange to end of barrel is 8-1/16" (205 mm). CYLINDER, BRAKE (Type 2, for Falcon 2034, S/N L-113, for Falcon 2034, S/N L-113, for Falcon 2034, S/N L-119 and above, for Falcon 2548 and 2570, all) 1
04-033700 CYLINDER, BRAKE (Type 2, for Falcon 2034, S/N L-113, for Falcon 2034, S/N L-119 and above, for Falcon 2548 and 2570, all) 1 "Type 2" cylinder length from flange to end of barrel is 6-1/2" (165 mm). 1 1 1 1 1 1 1 1 1
for Falcon 2034, S/N L-113, for Falcon 2034, S/N L-119 and above, for Falcon 2548 and 2570, all) "Type 2" cylinder length from flange to end of barrel is 6-1/2" (165 mm). Note: when ordering REPLACEMENT CYLINDER, "Type 2" will be supplied. JACKET ASSEMBLY ADDITIONAL SET OF
for Falcon 2034, S/N L-119 and above, for Falcon 2548 and 2570, all) Type 2" cylinder length from flange to end of barrel is 6-1/2" (165 mm). Note: when ordering REPLACEMENT CYLINDER, "Type 2" will be supplied. JACKET ASSEMBLY ROD, PISTON (for "Type 1" cylinder) ROD, PISTON (for "Type 2" cylinder) ROD, PISTON (for "Type 2" cylinder) PISTON (for "Type 1" cylinder) PISTON (for "Type 1" cylinder) ROD, PISTON (for "Type 2" cylinder) REPAIR KIT (For "Type 2" cylinder) REPAIR KIT (For "Type 2" cylinder. Includes Gland Nut and Seal Kit) NUT, GLAND (#1, for "Type 2" cylinder) NUT, GLAND (#1, for "Type 2" cylinder) REPAIR KIT (for "Type 2" cylinder)
Type 2" cylinder length from flange to end of barrel is 6-1/2" (165 mm).
C-1/2" (165 mm). Note: when ordering REPLACEMENT CYLINDER, "Type 2" will be supplied.
Note: when ordering REPLACEMENT CYLINDER,
"Type 2" will be supplied.
2
3 04-031102 ROD, PISTON (for "Type 1" cylinder) 1 4 SPACER 1 5 04-031103 PISTON (for "Type 1" cylinder) 1 6 PISTON (for "Type 2" cylinder) 1 6 NUT, LOCK SPRING (for "Type 1" cylinder) 1 8 04-033705 SPRING (for "Type 2" cylinder) 1 8 04-033703 REPAIR KIT (For "Type 2" cylinder. Includes Gland Nut and Seal Kit) 1 9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 0 04-033702 SEAL KIT (for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 SEAL, PISTON ("Polypak") 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1
Q4-033701 ROD, PISTON (for "Type 2" cylinder) 1
4 SPACER 1 5 04-031103 PISTON (for "Type 1" cylinder) 1 04-033704 PISTON (for "Type 2" cylinder) 1 6 NUT, LOCK 1 7 SPRING (for "Type 1" cylinder) 1 8 04-033705 SPRING (for "Type 2" cylinder) 1 9 04-033703 REPAIR KIT (For "Type 2" cylinder. 1 9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 10 04-031105 NUT GLAND (#2, for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1
5 04-031103 04-033704 PISTON (for "Type 1" cylinder) PISTON (for "Type 2" cylinder) 1 6 NUT, LOCK SPRING (for "Type 1" cylinder) 1 7 SPRING (for "Type 1" cylinder) 1 8 04-033705 REPAIR KIT (For "Type 2" cylinder) 1 9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 10 04-031105 NUT, GLAND (#2, for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 SEAL KIT (for "Type 2" cylinder) 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
6 NUT, LOCK 1 7 Q4-033705 SPRING (for "Type 1" cylinder) 1 8 04-033703 REPAIR KIT (For "Type 2" cylinder. 9 04-031104 Includes Gland Nut and Seal Kit) 1 9 04-031105 NUT, GLAND (#1, for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
7 04-033705 \$PRING (for "Type 2" cylinder) 1 8 04-033703 REPAIR KIT (For "Type 2" cylinder. 1 9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 10 04-031105 NUT, GLAND (#2, for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
04-033705 SPRING (for "Type 2" cylinder) 1 8 04-033703 REPAIR KIT (For "Type 2" cylinder. 9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 10 04-031105 NUT, GLAND (#2, for "Type 2" cylinder) 5 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1
Includes Gland Nut and Seal Kit) 1
9 04-031104 NUT, GLAND (#1, for "Type 2" cylinder) 1 04-031105 NUT, GLAND (#2, for "Type 2" cylinder) 1 10 04-033702 SEAL KIT (for "Type 2" cylinder) 1 11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1
04-031105 NUT, GLAND (#2, for "Type 2" cylinder) 1
11 WIPER, ROD 1 12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
12 SEAL, PISTON ("Polypak") 1 13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
13 WASHER, BACKUP 1 14 "O"-RING 1 15 "O"-RING 1
15 "O"-RING 1
16 SEAL, "POLYPAK" 1
17 NUT, GLAND (for "Type 1" cylinder) 1
18 04-031101 SEAL KIT (for "Type 1" cylinder) 1
The following part is NOT INCLUDED as part of the
brake cylinder assembly.
19 06-0003800 ELBOW, 90° MALE (6 CTX) 2
TITLE BRAKE CYLINDER, FALCON
PLATE NO. 11.53 SIMON AERIALS INC. REV. 01 APR., 1992 NO.





BRAKE CYLINDER, FALCON

SIMON AERIALS INC.

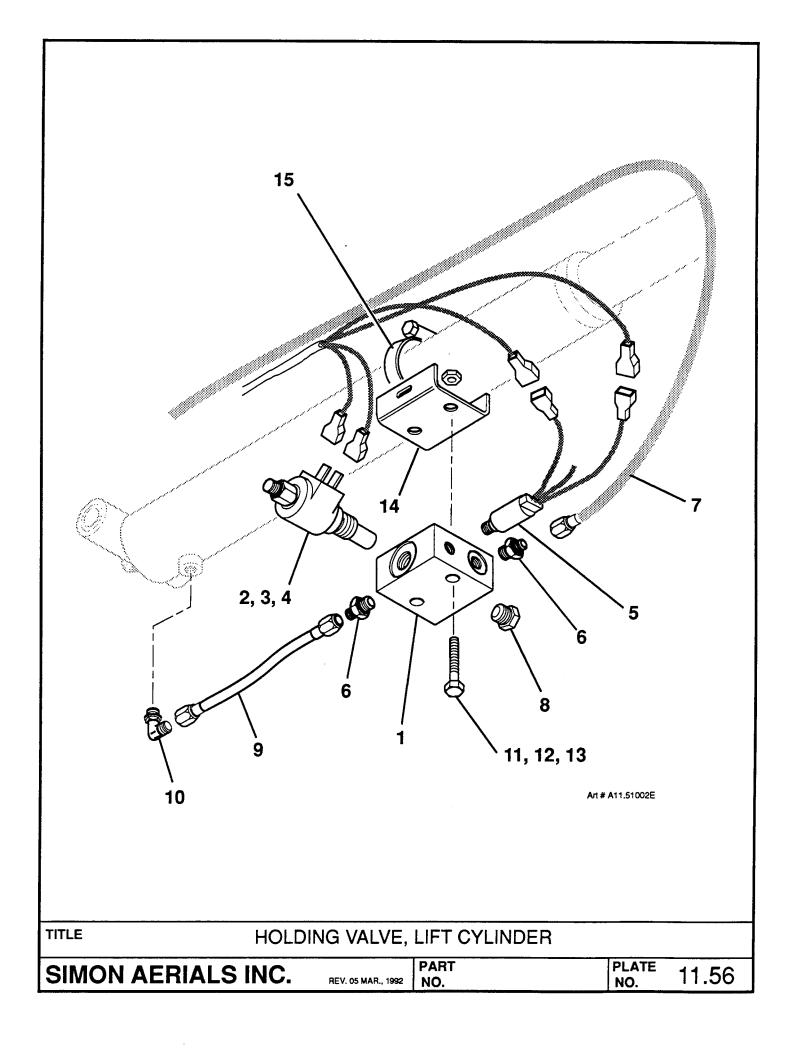
REV. 01 APR., 1992

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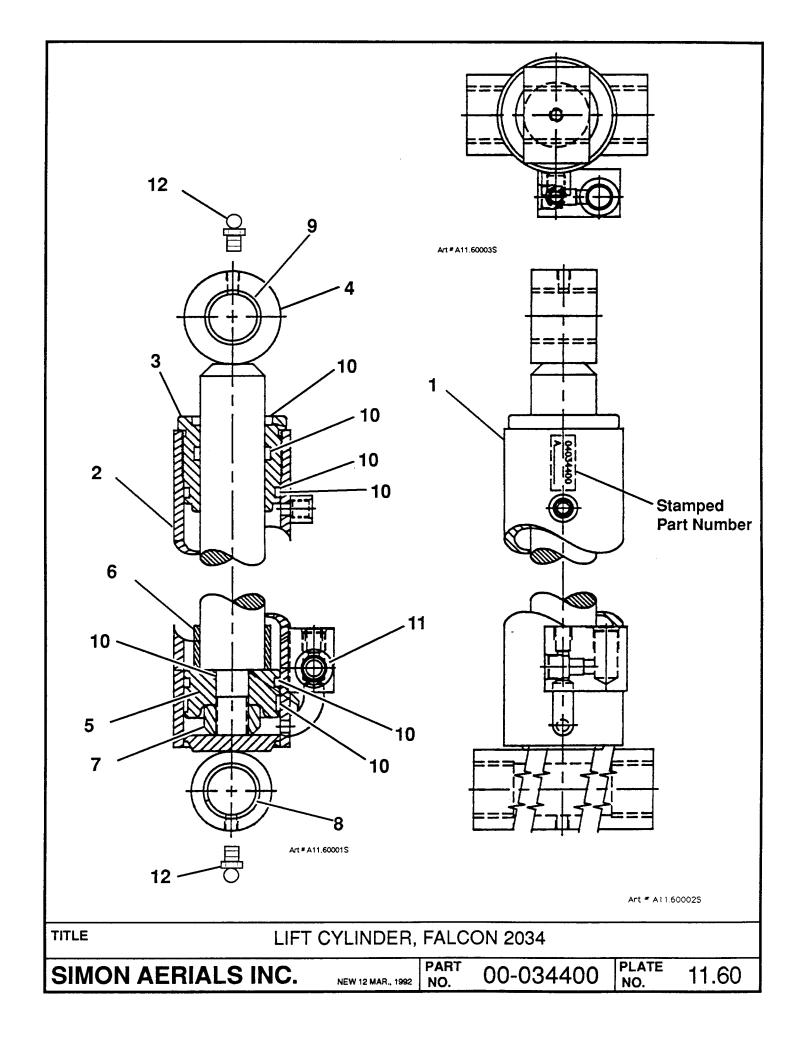
PLATE
NO.

11.53

	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			The following items are used on Lift Cylinders 04-031000,			
			04-033600 or 04-034000 when Velocity Fuse is not installed (see plate 11.51):			
			,			
1	2183480		BODY, HOLDING VALVE	1		
2	01-097506 01-097520		CARTRIDGE, SOLENOID VALVE SCREEN (100 mesh)] 1		
4	01-097507		COIL, SOLENOID VALVE	1		
5	01-098300		SWITCH, PRESSURE (350 PSI)	1		
6 7	06-039800 05-202500		CONNECTOR, STRAIGHT THREAD (6 F50X) HOSE ASSEMBLY [83" (2.11 M) long)	2		
8	06-095000		PLUG, HOLLOW HEX (6 HP50N)	1		
9	2183500		TUBE ASSEMBLY	1		
10 11	06-044600 07-003008		ELBOW, STRAIGHT THREAD (6 C50X) CAP SCREW, HEX HEAD (1/4"-20 x 1-3/4", Grade 5)	1 2		
12	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2		
13	07-060014		WASHER, FLAT (1/4")	2		
14 15	2183490 09-008700		BRACKET, HOLDING VALVE CLAMP, BAND [4-1/2" (114 mm) dia.]	1		
16	09-008/00		HARNESS, WIRE [93" (2.36 M) long]	1		
17	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5) (Ground)	1		
18 19	07-050014 07-060014		NUT, HEX LOCK (1/4"-20, Grade 5) WASHER, FLAT (1/4")	1		
20	03-066400		TIE, CABLE [20" (51 cm) long]	A.R.		
21	03-064000		TIE, CABLE [6-3/4" (171 mm) long]	A.R.		
22	03-439000		TIE, CABLE [1" (25.4 mm) long]	A.R.		
			Ref. also Holding Valve Kit, Part No. 55-000080.			
TITLE HOLDING VALVE, LIFT CYLINDER						
PLATI	E 11.56	SIMO	NAERIALS INC. REV. 05 MAR., 1992 PART	······································		
NO.			TALITALS IITO. REV. 05 MAR., 1992 NO.			



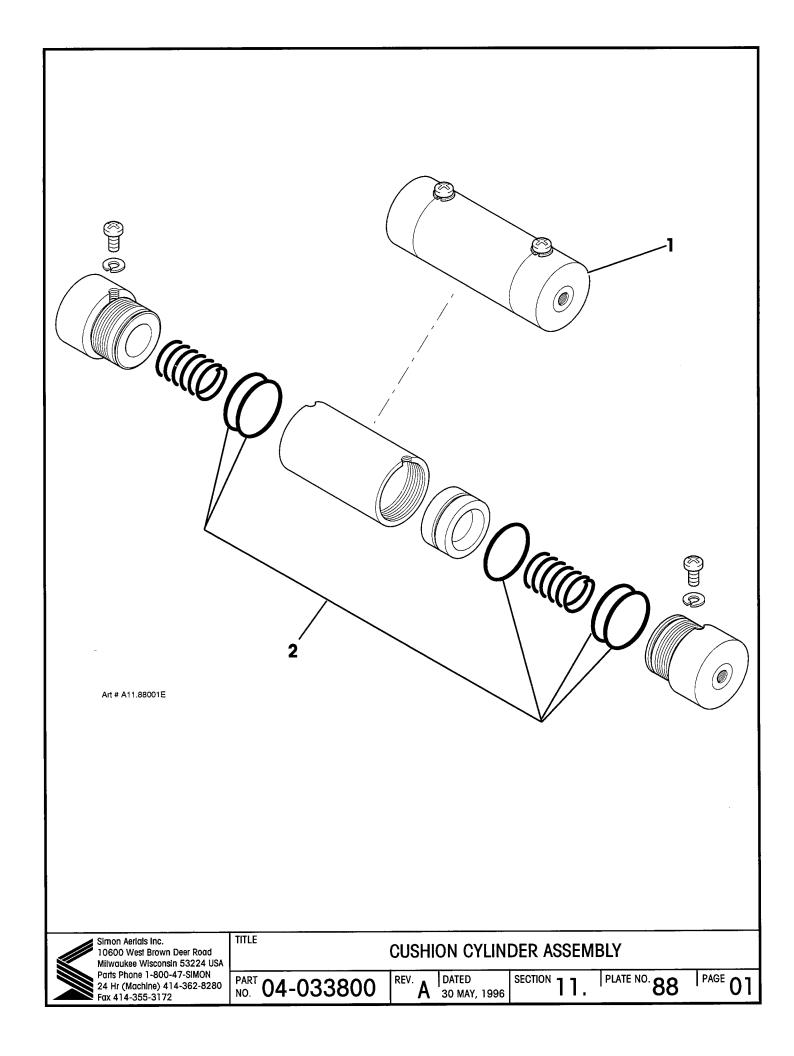
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	04-034400		CYLINDER, LIFT (Type 4)	1	
			(A "Type 4" cylinder has the solenoid valve block mounted as an integral part of the cylinder tube, near the base end.		
			The Simon Aerials part number "04034400" and the		
			cylinder serial number are stamped near the rod end port.)		
2	04-034405		TUBE WELDMENT, CYLINDER GLAND, END	1	
4	04-034404		SHAFT, CYLINDER	1	
5			PISTON	1	
6			BLOCK, STROKE NUT, LOCK (1"-14)	-	
7 8	04-034402		BUSHING (Base end)	2	
9	04-034406		BUSHING (Rod end)	1 1	
10 11	04-034401 04-034506		SEAL KIT (for "Type 4" Lift cylinder) VALVE, SOLENOID		
			The following item is not included as part of the Lift Cylinder:		
12	08-051300		FITTING, GREASE (1/8", 90°)	2	
TITLE			LIFT CYLINDER, FALCON 2034		
PLAT	E 44.00	CINAC		100	
NO.	11.60	SIMO	NAERIALS INC. NEW 12 MAR., 1982 PART NO. 04-0344	+00	



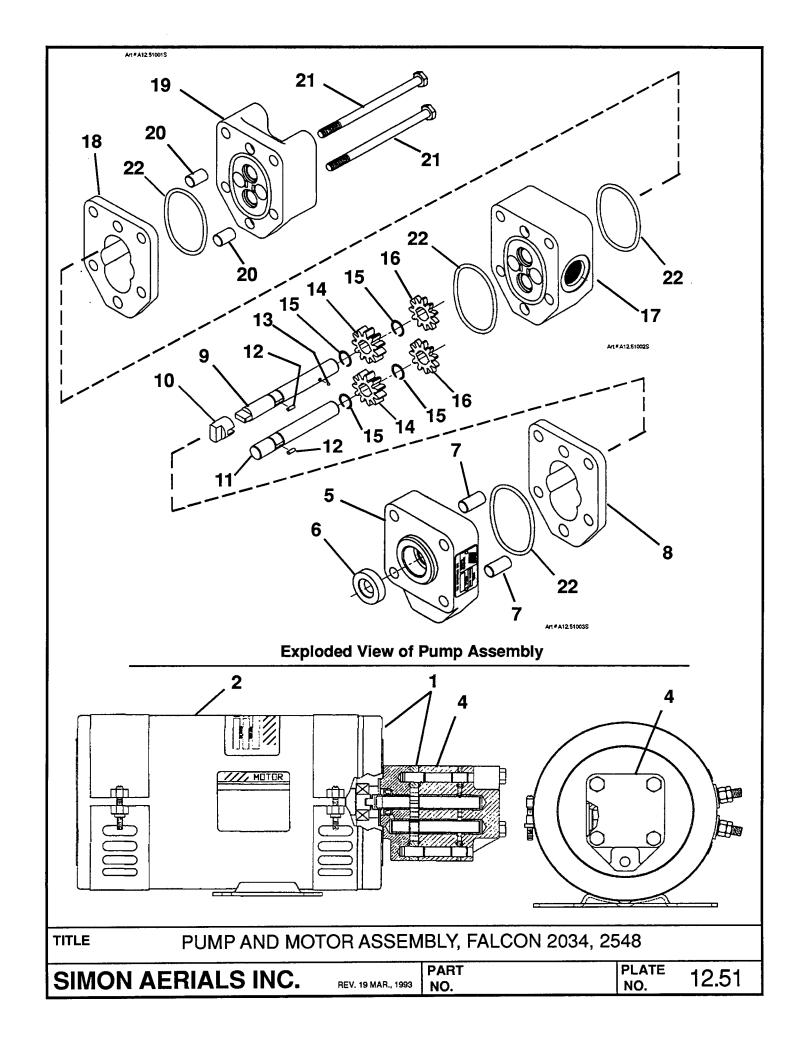
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION		QTY.	
1 2	04-033800 04-033801		CYLINDER, CUSHION SEAL KIT, CUSHION CYLINDER		1	
:						
						
TITLE		CUSHI	ON CYLINDER ASSEMBLY	Simon Aerlais Inc. 10600 West Brown Do Milwaukee Wisconsin	er Road 53224 USA	

SECTION 11. PLATE NO. 88 PAGE 01 REV. A DATED 30 MAY, 1996

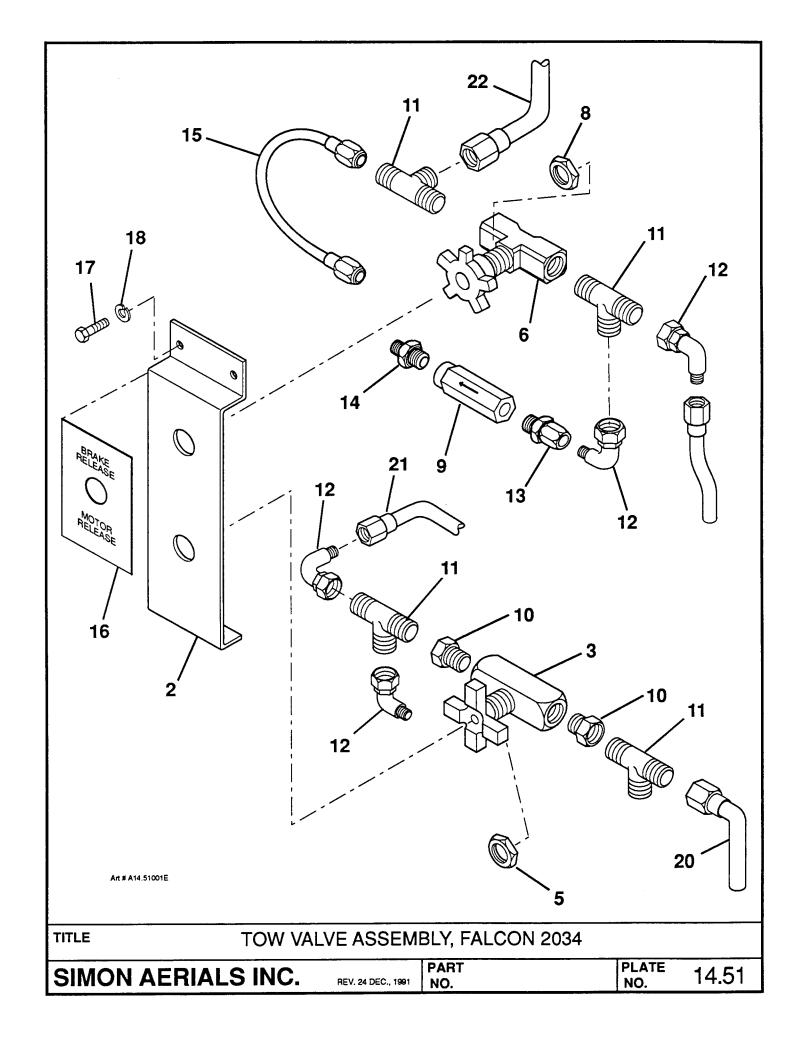
PART NO. 04-033800 Parts Phone 1-800-47-SIMON 24 Hr (Machine) 414-362-8280 Fax 414-355-3172



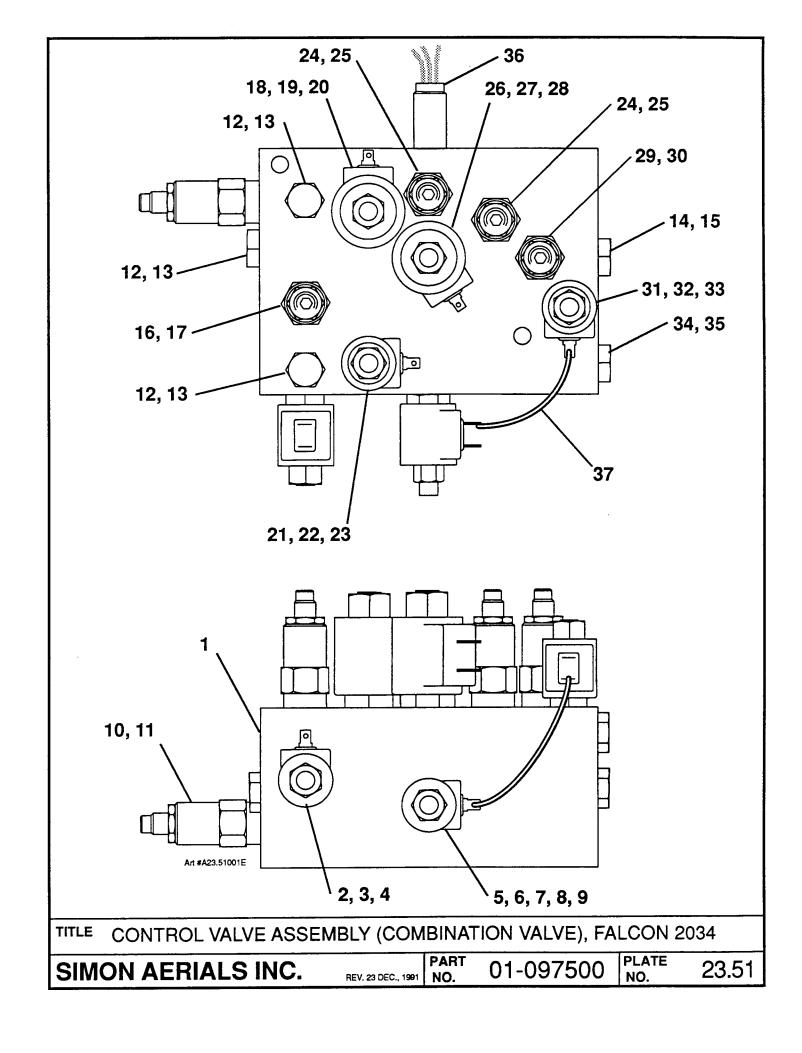
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	01-097400	<u> </u>	PUMP AND MOTOR ASSEMBLY ("Type 1")	Gii.		
			Note: The motor on a "Type 1" pump and motor assembly			
			is rated at "150 Amps" (see nameplate). Electrical			
			connections are made to studs on the side of the motor.	1		
	01-221000		PUMP AND MOTOR ASSEMBLY ("Type 2")			
			Nate: The motor on a "Type 2" pump and motor assembly			
			is rated at "170 Amps" (see nameplate). Electrical			
	04 000500		connections are made to studs on the side of the motor.	1		
	01-222500		PUMP AND MOTOR ASSEMBLY ("Type 3")			
			Note: The motor on a "Type 3" pump and motor assembly is rated at "170 Amps" (see nameplate). Wire leads are			
			provided on the side of the motor for electrical connection.	1		
2			MOTOR, PERMANENT MAGNET			
			[4 HP (2.98 Kw) @ 3600 RPM, 24 Volt DC]			
	01-097402		"Type 1", rated 150 Amp (see nameplate)	1		
	01-221001		"Type 2", (with studs) rated 170 Amp (see nameplate)			
_	01-222501		"Type 3" (with wires) rated 170 Amp (see nameplate)			
3	01-097405		BRUSH SET (for "Type 1" motor)			
١,	01-221002		BRUSH (for "Type 2" or "Type 3" motor)	4		
4 5	01-097406		PUMP ASSEMBLY, TANDEM PLATE, DRIVE			
6	01-097401		SEAL, OIL			
7	01-03/401		PIN, DOWEL	,		
8			CASE, GEAR	1		
9			SHAFT, DRIVE	1		
10	01-097404		COUPLING	1		
11			SHAFT, IDLER	1		
12			KEY, DOWEL	2		
13			BALL	1		
14 15			GEAR RING, RETAINING	2		
16			GEAR	2		
17			SPACER	1		
18			CASE, GEAR	1		
19			PLATE, END	1		
20			PIN, DOWEL	2		
21			BOLT, HEX HEAD	2		
22	01-097403		"O"-RING	4		
			D MOTOD 4005MDLV 54100M 0040			
TITLE	TOWN TAND WOTON TOOL MEDING THE OWN TOO IS TO					
PLATE NO. 12.51 SIMON AERIALS INC. REV. 19 MAR., 1993 PART NO.						
110.	NO.					



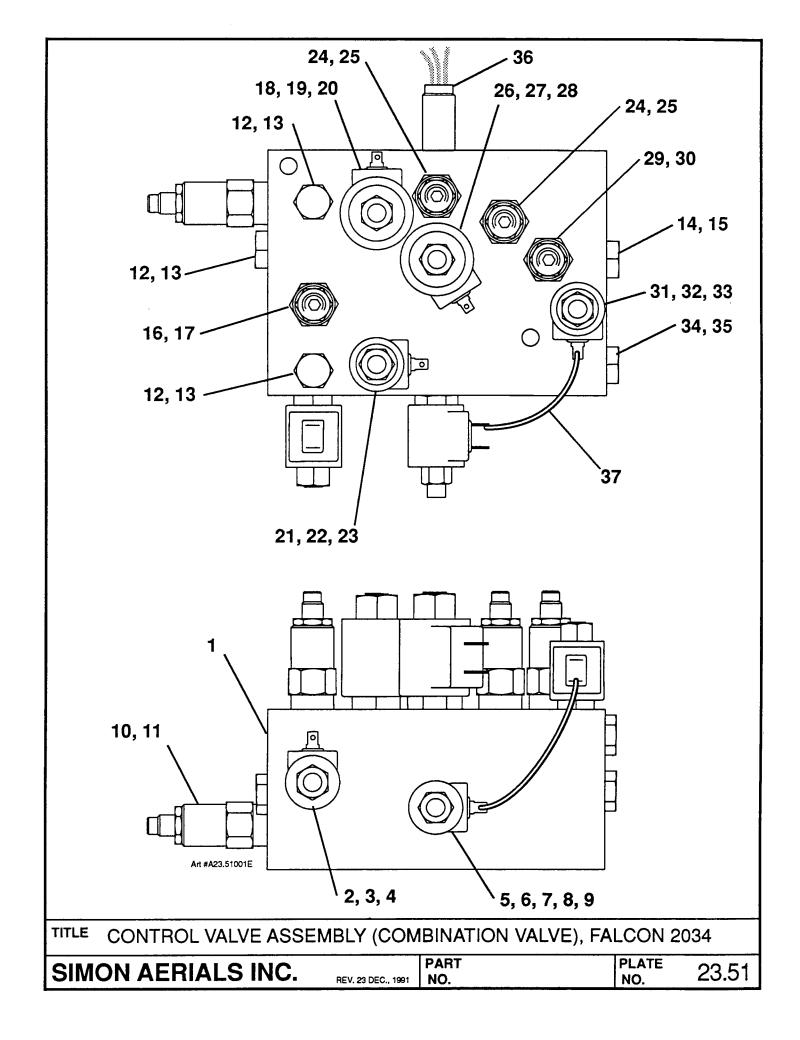
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2166700		TOW VALVE ASSEMBLY	1		
2	2166670		BRACKET, TOW VALVE	1		
3	01-086700		VALVE, MOTOR RELEASE	1		
4 5	07-047122		SEAL KIT, MOTOR RELEASE VALVE			
6	01-034800		NUT, HEX JAM (3/4"-16) VALVE, BRAKE RELEASE	1		
7			SEAL KIT, BRAKE RELEASE VALVE	1		
8	07-047121		NUT, HEX JAM (5/8"-18)	1		
9	01-020800		VALVE, CHECK	1		
10	06-071000		REDUCER, PIPE THREAD (8-4 PTR)	2		
11 12	06-012000 06-051500		RUN TEE, MALE (6 RTX)	4		
13	06-031300		ELBOW, SWIVEL NUT (90°) (6 C6X) CONNECTOR, STRAIGHT THREAD (6 F65X)	4		
14	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X)	1		
15	2167180	000000000000000000000000000000000000000	TUBE ASSEMBLY, 3/8" O.D.	1		
16	10-114600		DECAL, TOW VALVE	1		
17	07-003002		SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	2 2		
18 19	07-065014 10-114700		WASHER, LOCK (1/4") DECAL, TOWING INSTRUCTION	2 1		
20	3521630		HOSE ASSEMBLY [20" (508 mm) long, straight ends]	1		
21	3521640		HOSE ASSEMBLY [25" (635 mm) long, one 90° end]	1		
22	3521650		HOSE ASSEMBLY [30-1/2" (775 mm) long, one 90° end]	1		
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T 171 F			AVVALVE ACCEMBLY SAL CON COS :			
TITLE		101	W VALVE ASSEMBLY, FALCON 2034			
PLATI NO.	^E 14.51	SIMO	NAERIALS INC. REV. 24 DEC., 1991 PART NO.			



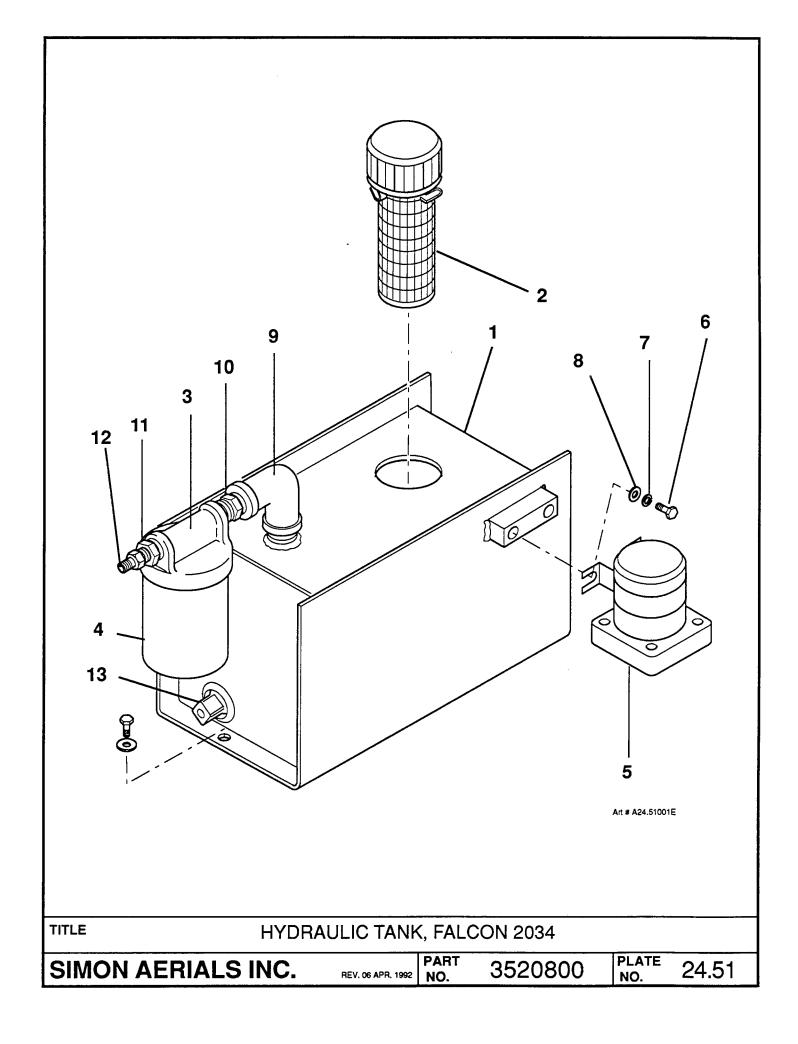
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			BLOCK, VALVE	1		
2	01-097504		VALVE, HIGH SPEED (V8) (2 way, normally open)	1		
3	01-097516		SEAL KIT, VALVE	1		
4	01-097507		COIL, SOLENOID (24 Volt DC)]		
5	01-097506		VALVE, DOWN (V9) (2 way, normally closed) (incl. screen) (for units with velocity fuse installed on lift cylinder)	1		
	01-209100		CARTRIDGE, SOLENOID VALVE (Lift valve) (incl. screen)	1		
	01-209100		(for units with holding valve installed on lift cylinder)	1		
6	01-097516		SEAL KIT, VALVE	1		
7	01-097520		SCREEN (100 mesh)	1		
8	01-097513		DISC, ORIFICE (ORF2) [.040" (1.016 mm)]	1		
9	01-097507		COIL, SOLENOID (24 Volt DC)	1		
10	01-097514		VALVE, SEQUENCE (V10)			
			(1800 PSI) (124 Bar) (126.6 kg/ cm²)	1		
11	01-097517		SEAL KIT, SEQUENCE VALVE	1		
12	01-097508		VALVE, CHECK (CV1, CV2, CV4) (4 PSI) (.28 Bar) (.28 kg/ cm²)	3		
13	01-097516		SEAL KIT, VALVE	3		
14	01-097510		VALVE, BRAKE RELEASE SHUTTLE (CV5)	1		
15	01-097517		SEAL KIT, BRAKE RELEASE SHUTTLE	1		
16	01-097509		VALVE, MAIN RELIEF (RV1)			
			(2600 PSI) (179 Bar) (182.8 kg/ cm²)	1		
17	01-097516		SEAL KIT, VALVE	1		
18	01-097501		VALVE, STEER (V1) (4 way, 3 position)	1		
19	01-097515		SEAL KIT, STEER VALVE	1		
20	01-097503		COIL, STEER VALVE SOLENOID (S1 and S2) (24 V DC) VALVE, STEERING BYPASS (V6) (2 way, normally open)	2		
21 22	01-097504 01-097516		SEAL KIT, VALVE	4		
23	01-097507		COIL, SOLENOID (24 Volt DC)	•		
24	01-097512		VALVE, COUNTERBALANCE (V2 and V3)			
		***************************************	(2000 PSI) (138 Bar) (140.6 kg/ cm²)	2		
25	01-097517		SEAL KIT, COUNTERBALANCE VALVE	2		
26	01-097502		VALVE, DRIVE (V4) (4 way, 3 position)	1		
27	01-097515		SEAL KIT, DRIVE VALVE	1		
28	01-097503		COIL, DRIVE VALVE SOLENOID (S3 and S4) (24 V DC)	2		
29	01-097511		ORIFICE, BRAKE RELEASE (ORF1)	1		
30	01-097518 01-097505		SEAL KIT, BRAKE RELEASE ORIFICE VALVE LIET (V7) (2 way, pormally closed)	¦		
32	01-097505		VALVE, LIFT (V7) (2 way, normally closed) SEAL KIT, VALVE			
33	01-097507		COIL, SOLENOID (24 Voit DC)	1		
34	01-097519		VALVE, CHECK (CV3) (10 PSÍ) (.69 Bar) (.703 kg/ cm²)	1		
35	01-097516		SEAL KIT, VALVE	1		
TITLE	TITLE CONTROL VALVE ASSEMBLY (COMBINATION VALVE), FALCON 2034					
PLATE OO ST. CINACAL A EDIAL CINIC PART OF OOZEOO						
NO.	^{23.51}	2IMO	NAERIALS INC. REV. 23 DEC., 1991 NO. 01-097	OUU		



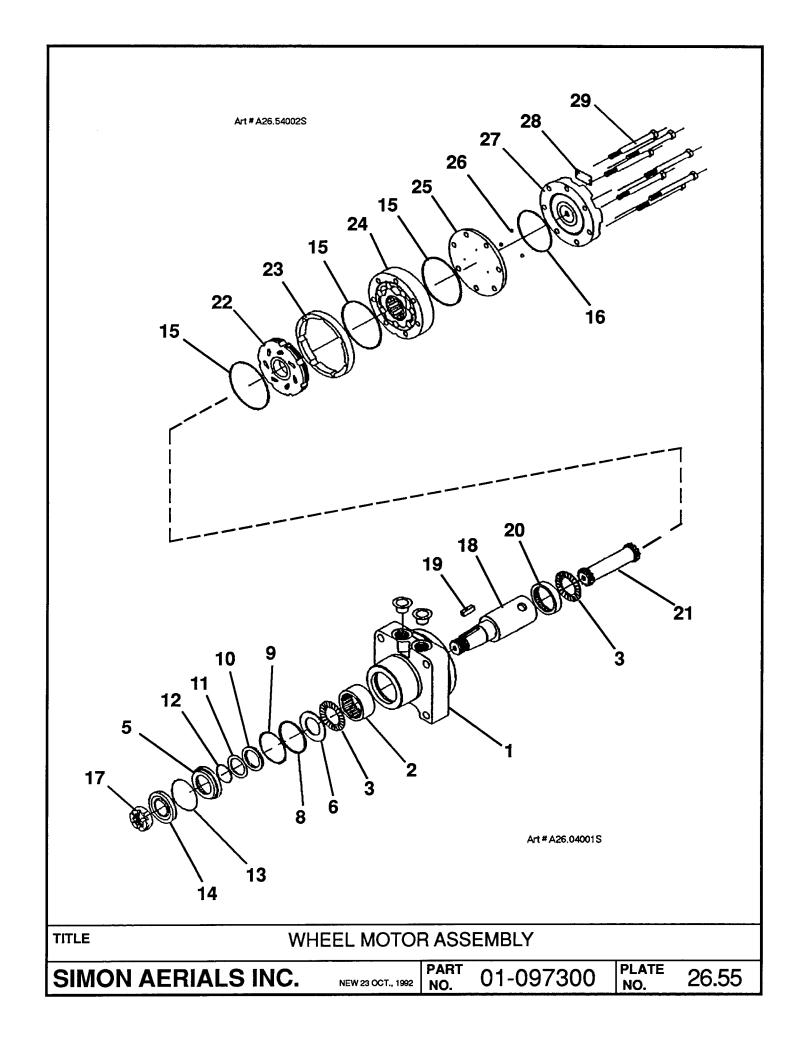
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
36 37	01-098300 11-075400		SWITCH, PRESSURE (350 PSI) (24 Bar) (24.61 kg/ cm²) (for units with velocity fuse installed on lift cylinder) PLUG, SQUARE HEAD (1/4" NPT) (for units with holding valve installed on lift cylinder) WIRE, JUMPER [6" (152 mm) long] (Lift valve, item #5 to Lift valve, item #31, for units with holding valve installed on lift cylinder)	1 1		
TITLE	CONTROL	- VALVE	ASSEMBLY (COMBINATION VALVE), FALCON 2034			
PLATI	E 23.51	SIMO	NAERIALS INC. REV. 23 DEC., 1991 PART NO.			



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1	2159910		TANK WELDMENT, HYDRAULIC	1			
2	01-097800		CAP ASSEMBLY, HYDRAULIC TANK				
			(includes filter, breather and strainer)	1			
3	01-081500		FILTER ASSEMBLY, HYDRAULIC ELEMENT, FILTER	1			
4 5	01-081501 03-603600		CONTACTOR, 24 Volt (single pole, normally open)	1			
6	07-003002		CAP SCREW, HEX HEAD (1/4"-20 x 5/8", Grade 5)	2			
7	07-065014		WASHER, HELICAL LOCK (1/4")	2			
8	07-062014		WASHER, FLAT (1/4")	2			
9	11-050004		ELBOW, 3/4" NPT NIPPLE, 3/4" NPT x 2" long	1			
10 11	11-020010 06-071200		REDUCER, PIPE THREAD (12-8 PTR)	1			
12	06-001000		FITTING, STRAIGHT MALE (6-8 FTX)	1			
13	11-082500		PLUG, SQUARE HEAD (1/2" NPT)	2			
ļ							
TITLE HYDRAULIC TANK, FALCON 2034							
PLAT	E 24.51	SIMO	NAERIALS INC. REV. 06 APR. 1992 PART NO. 352080	20			
NO.	<u> </u>	CHAIC	IN ACRIALS INC. REV. 06 APR. 1992 NO. 332000				



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
	01-097300		MOTOR ASSEMBLY (Motor identification tag reads "RE 24070300")			
1 2 3			HOUSING BEARING, ROLLER BEARING, THRUST	1 1 2		
4 5 6	01-074401		SEAL KIT SEAL, CARRIER WASHER, THRUST	1 1 1		
7 8 9	01-201601		SEAL KIT SEAL, HOUSING (high pressure) RING, BACKUP			
10 11 12 13			SEAL, SHAFT SEAL, BACKUP SHIM, BACKUP RING, SNAP	1 1		
14 15 16			SEAL, DUST SEAL, BODY SEAL, BODY	1 3 1		
17 18 19 20	01-201602		NUT SHAFT KEY BEARING, ROLLER	1		
21 22 23 24	01-205418 01-205412 01-208101		LINK, DRIVE MANIFOLD BOOT, MANIFOLD ROTOR SET ASSEMBLY	1 1		
25 26 27 28 29	01-205413 01-205414		PLATE, BALANCE (includes ball checks) CHECK, BALL (3/16*) COVER, END PLATE, MOTOR IDENTIFICATION (with screws) BOLT SET (includes 7 bolts)	1 4 1 1		
PLATE OC SE CIMONI A EDIAL CUIO						
NO.						



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	DKL2034E		DECAL KIT, L-2034E			
			(for earlier versions, includes items 2 thru 13)			
2 3	10-112500 10-084900		DECAL, "DANGER" (Batteries) DECAL, "DANGER" (Electrocution Hazard)	2		
4	10-112600		DECAL, "DANGER" (Emergency Lowering)	1		
5	10-112800		DECAL, GROUND CONTROL	1		
6	2162920		DECAL, PLATFORM CONTROL	1		
7	10-112700		DECAL, PLATFORM OPERATING INSTRUCTION	1 1		
8 9	10-115200 10-083000		DECAL, "PINCH POINT" DECAL, "SIMON" NAME [4" (101 mm) high, black]	2		
10	10-117500		DECAL, "FALCON"			
			(Angled type style, for earlier versions)	2		
11	10-112200		DECAL, "2034"			
10	10-121600		(Angled type style, for earlier versions) DECAL, "MADE IN USA"	2		
12 13	10-121600		PLATE, "750 LB. CAPACITY" (used without folding deck)	a compression de la compression della compressio		
14	10-066300		PLATE, "650 LB. CAPACITY" (used with folding deck)	2		
15	10-112400		PLATE, "250 LB. CAPACITY" (used with folding deck)	2		
16	10-112200		DECAL, "L-2034E"	2		
17	10-129300		(Angled type style, used on some very early models) DECAL, "FALCON" [Straight type style, for later versions]	2		
18	10-129400		DECAL, "2034" [Straight type style, for later versions]	2		
19	10.20.00		DECAL, STRIPING (bulk item, order as needed)			
	10-108900		[Black/ Maroon/ Black, 2-1/2" (64 mm) wide, early versions]			
	10-126800		[(4) Orange stripes, 3-3/4" (95 mm) wide, for later versions]	A.R.		
20	10-131000	<u> </u>	DECAL, SIMON "S" LOGO [Orange/ Gray, 5" (127 mm) wide x 7-1/2" (191 mm) high]	2		
			[Orange/ Gray, 5 (127 mm) wide x 7 m2 (161 mm) mgm	_		
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TITLE DECALS, FALCON 2034						
PLA1	^{re} 99.51	SIMO	NAERIALS INC. REV. 02 MAR., 1992 PART NO.			
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