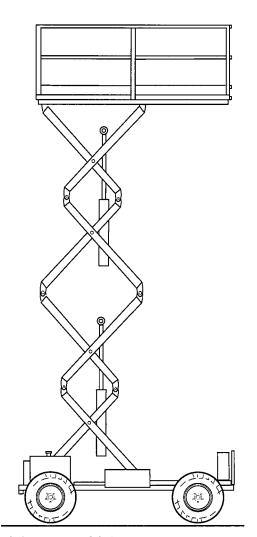


3020E SCISSORS

ILLUSTRATED PARTS CATALOG

FOR MACHINE SERIAL NUMBER



Part No. 89-923705 • Initial Issue dated January, 1997 •

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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 3020 E Scissors. 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 ensure proper OPERATION and reliable 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 3020 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 (1,4 and 5) 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
- Order Quantity

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

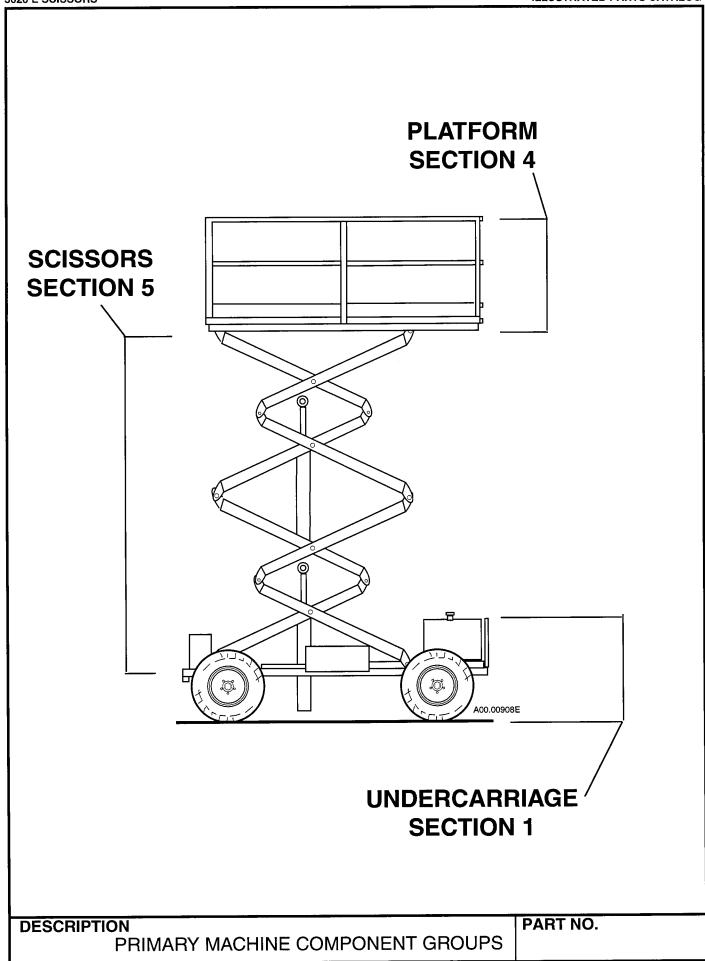
- 4. Parts Plate number, Item Number and Description of the desired item, OR
- 5. Part Number of the next assembly (Parent Part), if the desired item is not listed.

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.

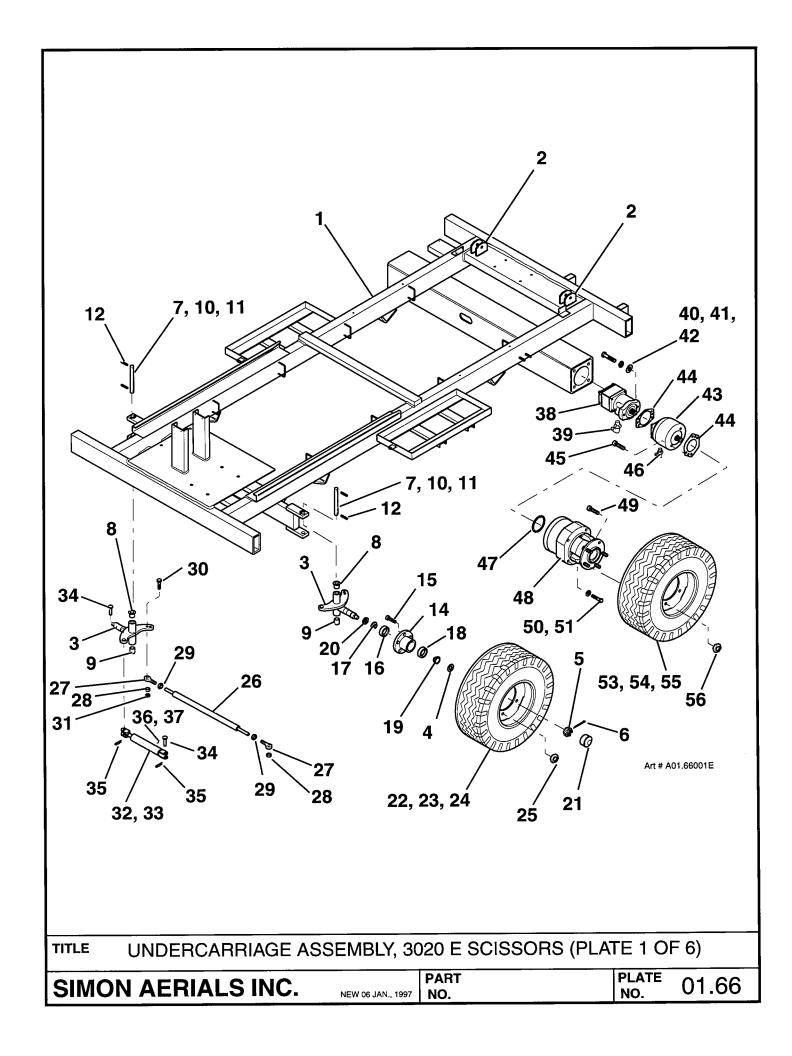
Left and right-hand, front and rear should be determined as though you are standing on the Platform, with the steering wheels to the front. All dimensions are in inches unless otherwise specified.

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.

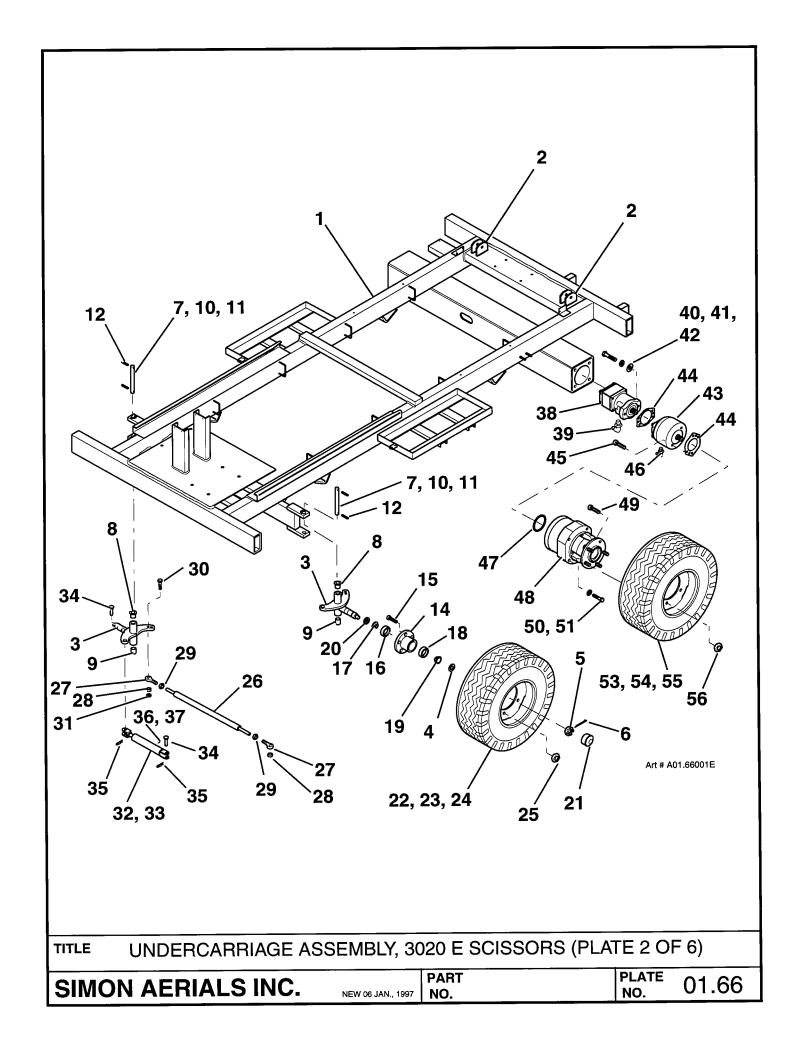
All SIMON AERIALS INC. manuals are periodically updated to reflect changes that occur in the equipment. Please contact Simon Aerials Technical Support Department with any questions you may have regarding your particular machine, or the availability of more recent manuals.



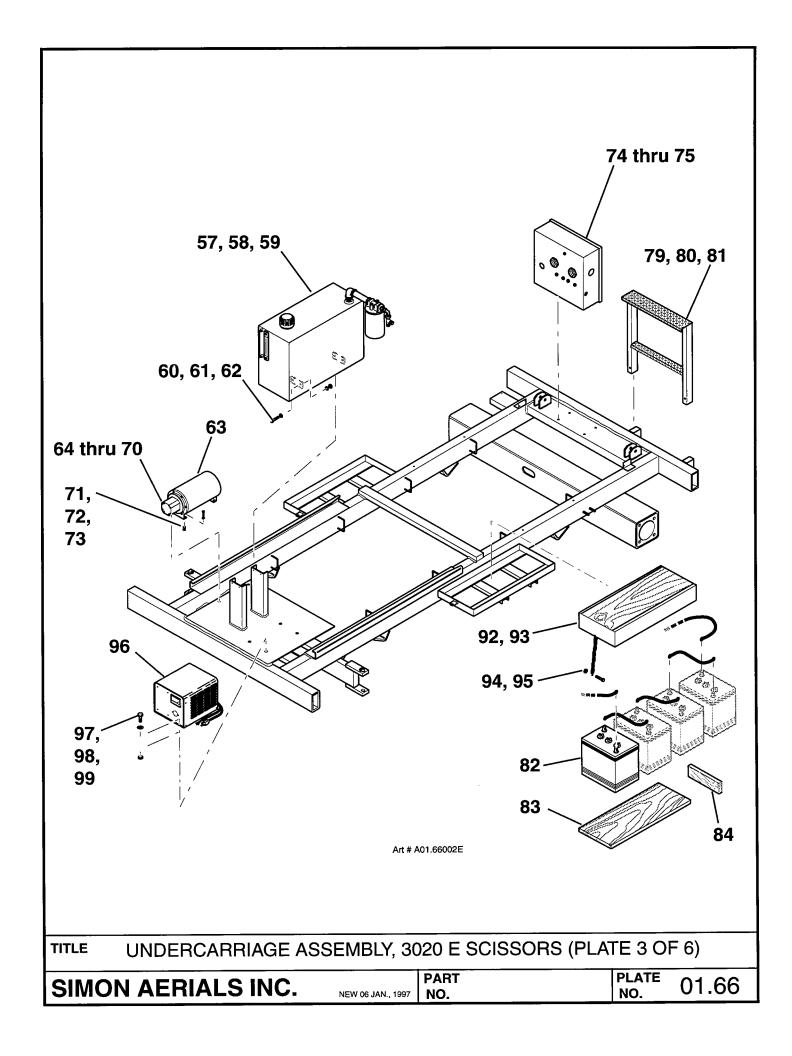
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			CHASSIS WELDMENT, 3020 E SCISSORS	1	
	221 1400		Two-Wheel Drive, without Stabilizers (standard)		
	222 3750		Two-Wheel Drive, with optional Stabilizers		
	222 5780		Two-Wheel Drive, with optional "A"-Frame Outriggers		
2	221 6970		EAR, SCISSOR MOUNTING (must be welded to Chassis)	4	
3			SPINDLE WELDMENT		
1	222 8460		Right Hand Side	1	
	222 8470		Left Hand Side	1	
4	02-100301		WASHER, FLAT (0.81" I.D., 2.0" O.D.) (was 14-800140)	1	
5	07-050022		NUT, LOCK (3/4"-10, Grade 5)]	
6			PIN, COTTER (replaces 42-100919)		
/	221 8250		PIN, SPINDLE (King pin) (1" dia. x 9-1/4" long)	2	
8	08-100300		(replaces 42-800148) BUSHING, SPINDLE PIN (Upper, flanged.	~	
	06-100300		1.00" I.D., 1.25" O.D., 0.75" long) (replaces 08-100200)	2	
9	08-060400		BUSHING, SPINDLE PIN (Lower, Oilite.	_	
J	00-000400		1.00" I.D., 1.25" O.D., 1.00" long) (replaces 26-101049)	2	
10	08-050000		FITTING, GREASE (1/8" NPT, straight)	2	
11	08-066300		CAP, GREASE FITTING (White plastic)	2	
12	07-100000		ROLL PIN (.31" x 2.0" long)	4	
13	02-100400		HUB ASSEMBLY, WHEEL (front) (5 lug)	2	
14	02-100401		HUB, WHEEL	1	
15	07-030598		STUD, WHEEL (front) (1/2"-20 x 1-7/8")	5	
16	02-100404		CUP, BEARING (Inner) (was 26-100908)	1	
17	02-100405		CONE AND ROLLER, BEARING (Inner)		
			(marked " LM48548 ") (was 26-100913)	1	
18	02-100402		CUP, BEARING (Outer) (replaces 26-800141)]	
19	02-100403		CONE AND ROLLER, BEARING (Outer)	١.,	
-00	00.400400		(marked " LM67048 ") (was 26-100914)		
20	02-100406 02-100407		SEAL, GREASE (was 34-800145) CAP, DUST (2.25" dia.) (was 34-800137)	1	
21 22	354 4450		WHEEL AND TIRE ASSEMBLY (Front, Foam Filled)	2	
23	02-100100		WHEEL (15" x 8") (Front)	1 1	
24			TIRE (10-15 LT "Gumbo Mudder", 6 ply rated)	1	
25			NUT, LUG (front) (1/2"-20, Grade 8)	10	
26			TIE ROD (66" [1.68 M] long)	1	
27	10-101160		END, TIE ROD (Marked "TM-12N") (with grease fitting)		
			(earlier version, marked "TM-12" had no grease fitting)	2	
28	08-102000		BUSHING (Bronze, .75" O.D., .62" I.D., .75" long)	2	
29			NUT, JAM (3/4"-16 NF)	2	
30			CAP SCREW, HEX HEAD (5/8"-11 x 3", Grade 5)	2	
31	07-050021		NUT, LOCK (5/8"-11, Grade 5)	2	
TITLE	UNDER	CARRIA	GE ASSEMBLY, 3020 E SCISSORS (PLATE 1 OF 6)		
PLAT	E 01.66	SIMO	NAERIALS INC. NEW 06 JAN., 1997 NO		
NO.	<u> </u>	<u> </u>	NACNIALS INC. NEW 06 JAN., 1997 NO.		



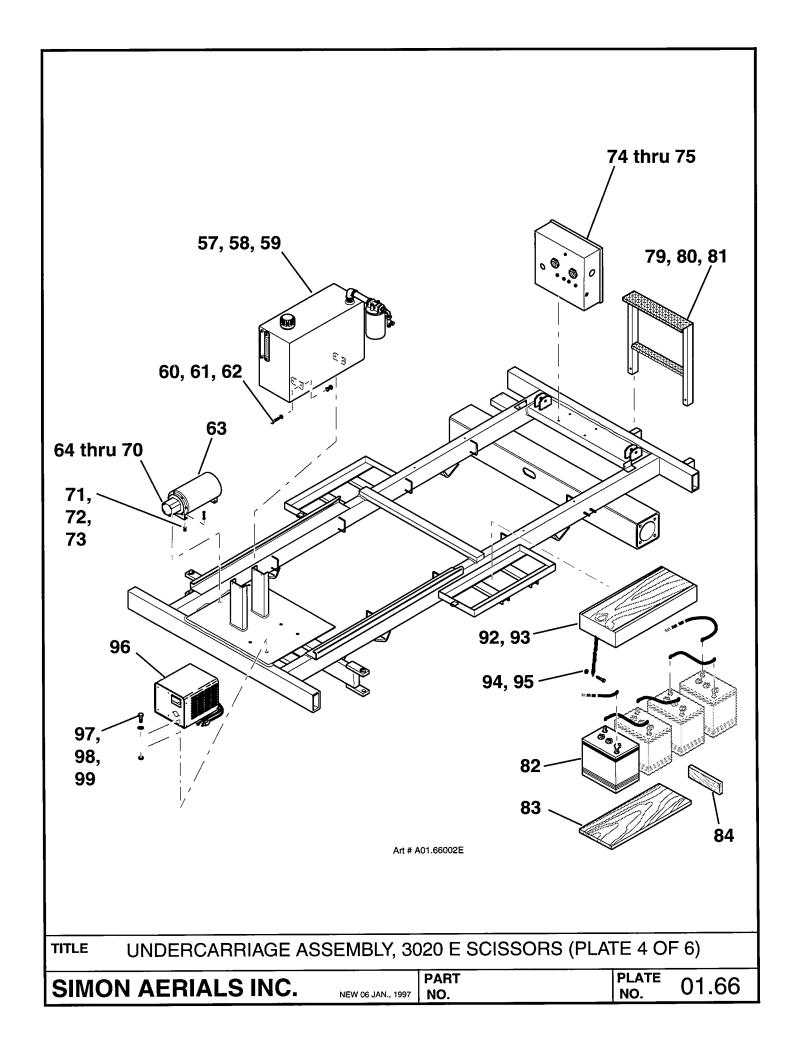
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
32	04-050900		CYLINDER, STEER (2-1/2" bore, 6" stroke)	1		
33	04-050901		SEAL KIT, STEER CYLINDER	1		
34	223 1170		PIN, STEER CYLINDER (1" x 2-7/8")	2		
35	42-101060		PIN, COTTER (Hairpin) (1/8" x 2-1/2") (replaces			
-	24.42222		3/16" x 3-3/4" cotter pin 07-118800 used earlier)	2		
36 37	24-100696		RESTRICTOR (.060" [1.52 mm] orifice) 90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (4MJ-6MP 90°)	1 2		
38	06-216400 01-102600		MOTOR, DRIVE (Nameplate is marked "RS 14")	2		
39	06-045000		90° ELBOW, "O"-RING TO 37°	-		
	00 0 10000		(8-10 C5OX-S) (8MJ-10MB 90°)	4		
40	07-118900		CAP SCREW, HEX HEAD (1/2"-13 x 1-1/2", Nylock)	4		
41	07-105500		WASHER, LOCK (1/2", heavy duty)	4		
42	07-061018		WASHER, FLAT (Special SAE, 1/2" I.D., 1-1/16" O.D.)	4		
43	02-100900		BRAKE, DRIVE MOTOR (for 1" shaft, 6B spline)	2		
44			GASKET (comes with brake)	2		
45	07-104400		CAP SCREW, HEX HEAD (1/2"-13 x 1", Nylock)	4		
46			90° ELBOW, "O"-RING TO 37° (4 C5OX-S) (4MJ-4MB 90°) "O"-RING (3" I.D., 3-1/4" O.D., 1/8" dia.)	2		
47 48	01-112900 02-105200		TORQUE HUB (1", 6B internal spline)	2		
49	07-030598		STUD, WHEEL (rear) (1/2"-20 x 1-7/8")	5		
50	07-003129		CAP SCREW, HEX HEAD (5/8"-11 x 2", Grade 5)	8		
51	07-065021		WASHER, HELICAL LOCK (5/8")	8		
52	02-105201		GASKET	2		
53	354 4450		WHEEL AND TIRE ASSEMBLY (Rear, Foam Filled)	2		
54	02-100100		WHEEL (15" x 8") (Rear)	1 1		
55	32-101043		TIRE (10-15 LT "Gumbo Mudder", 6 ply rated)	1 1		
56	07-058118		NUT, LUG (rear) (1/2"-20, Grade 8)	10		
TITLE	UNDER	CARRIA	GE ASSEMBLY, 3020 E SCISSORS (PLATE 2 OF 6)			
PLAT	E 01.66	SIMO	NAERIALS INC. NEW 06 JAN., 1997 NO.			
NO.	31.00		INEVY UO JAIN., 1997 NU.			



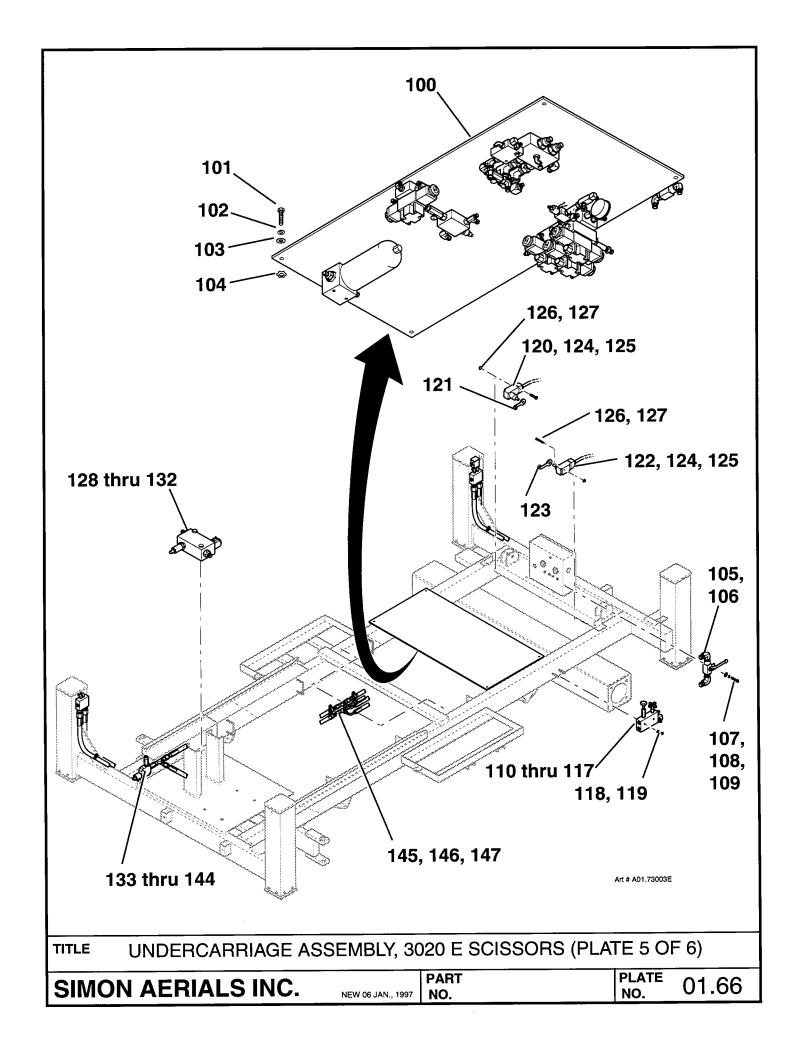
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
57	See Plate	24.60	TANK, HYDRAULIC (14 Gal [60 L] capacity)	1
58	01-097800		CAP ASSEMBLY, HYDRAULIC TANK	
			(includes 10 micron filter, breather and strainer)	1
59			ELEMENT, FILTER, (Spin-on, 10 Micron)	1
60			CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	4
61	07-062015		WASHER, FLAT (5/16")	8
62	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock) MOTOR, ELECTRIC (48 Volt DC, rated 10 hp [7.46 kW])	4
63 64			PUMP, HYDRAULIC (0.49 in ³ [8 c.c.]/ rev.)	
65	07-003026		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	2
66			WASHER, HELICAL LOCK (5/16")	2
67			WASHER, FLAT (5/16")	2
68	06-041000		ADAPTER, "O"-RING TO 37° (12-10 F5OX-S) (10MB-12MJ)	1
69			ADAPTER, "O"-RING TO 37° (12 F5OX-S) (12MB-12MJ)	1
70	06-054800		RUN TEE, 37° FEMALE SWIVEL NUT (12 R6X-S)	
	27.00007		(12MJ-12MJ-12FJX)	1 4
71 72			CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5) WASHER, FLAT (5/16")	8
72 73	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4
74	See Plate	07	CONTROL BOX ASSEMBLY, GROUND ELECTRICAL	1
75	07-003027	07.	CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2")	4
76	07-065015		WASHER, HELICAL LOCK (5/16")	4
77	07-062015		WASHER, FLAT (5/16")	4
78			WASHER, EXTERNAL TOOTH LOCK (3/8") (for ground)	2
79			LADDER WELDMENT	
80	-		CAP SCREW, HEX HEAD (1/2"-13 x 1", Grade 5) NUT, LOCK (1/2"-13, Grade 5, Nylock)	2 2
81	07-050018		NOT, LOCK (1/2 -13, Glade 3, Nylock)	
TITLE	UNDER	CARRIA	GE ASSEMBLY, 3020 E SCISSORS (PLATE 3 OF 6)	
PLAT	^{TE} 01.66	SIMO	N AERIALS INC. NEW 06 JAN., 1997 NO.	
NO.	31.00		NEW OUTNIN, 1997 NO.	



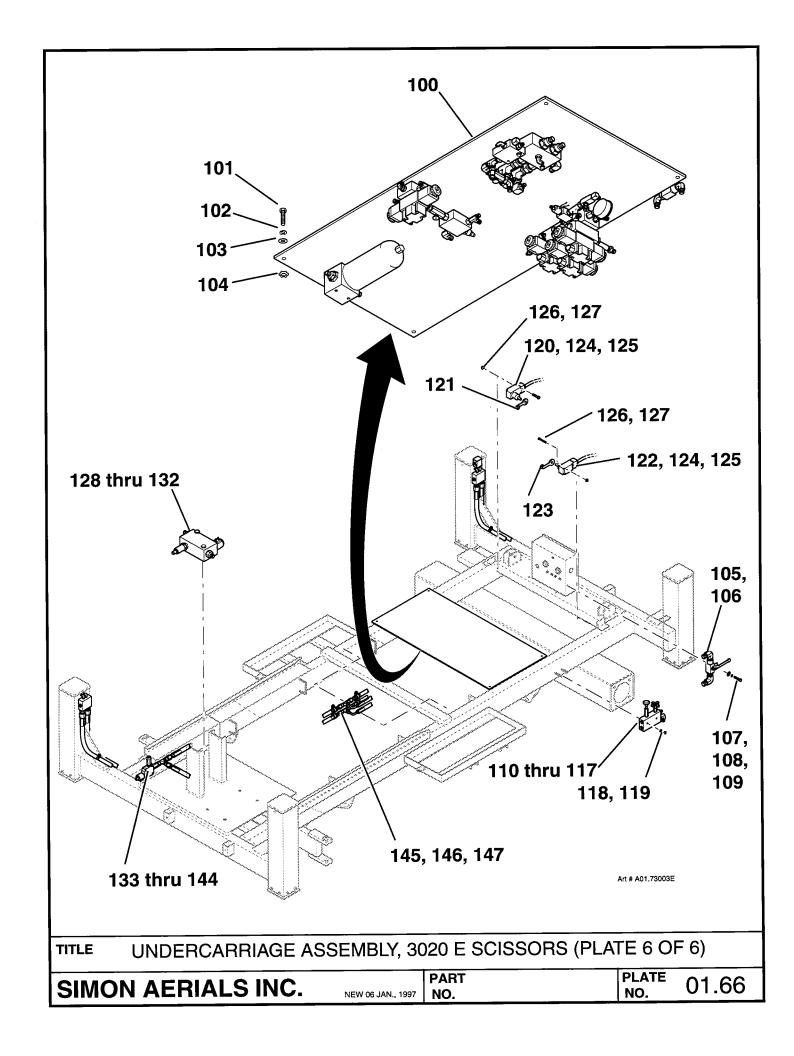
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
82	03-505800		BATTERY (6 Volt DC, 215 Amp Hr.)	8
83	235 0220		TRAY, BATTERY (29-3/4" x 10" x 3/8" Marine Plywood)	2
84			SEPARATOR, BATTERY (dimensional lumber, 2 x 2 x 10")	2
85			CABLE, BATTERY (#1/0 AWG, Red) (Positive)	A.R.
86	03-611100		(Bulk item, order as needed) SHIELD, BATTERY TERMINAL (Red)	2
87			WIRE, ELECTRICAL (#8 AWG, Red, stranded)	
			(Bulk item, order as needed)	A.R.
88			CABLE, BATTERY (#1/0 AWG, Black) (Negative)	1
			(Bulk item, order as needed)	A.R.
89			SHIELD, BATTERY TERMINAL (Black)	2
90	03-074000		CABLE, BATTERY (#4 AWG, Black, 9-1/4" [25 cm] long,	6
			3/8" ring terminal on each end) (Negative to Positive) WIRE, ELECTRICAL (#8 AWG, Black, stranded)	"
91			(Bulk item, order as needed)	A.R.
92	222 1030		HOLD DOWN, BATTERY (Metal frame and chain weldment)	2
93			INSERT, BATTERY HOLD DOWN	
			(29-3/4" x 10" x 3/8" Marine Plywood)	2
94			CAP SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	4
95			NUT, STOP (1/4"-20)	4
96			CHARGER, BATTERY (25 Amp, 48 Volt DC output)	
	03-619700		115 Volt AC, 60 Hz input (U.S.) 230 Volt AC, 50 Hz input (Europe)	
97	03-619200 07-003027		CAP SCREW, HEX HEAD (5/16"-18 x 1-1/2", Grade 5)	4
98			WASHER, FLAT (5/16")	8
99			NUT, STOP (5/16"-18)	4
		1		
TITL	E UNDER	CARRIA	AGE ASSEMBLY, 3020 E SCISSORS (PLATE 4 OF 6)	
PLA ⁻	^{TE} 01.66	SIMO	NAERIALS INC. NEW 06 JAN., 1997 NO.	
NO.	01.00	CIIVIC	NEW 06 JAN., 1997 NO.	



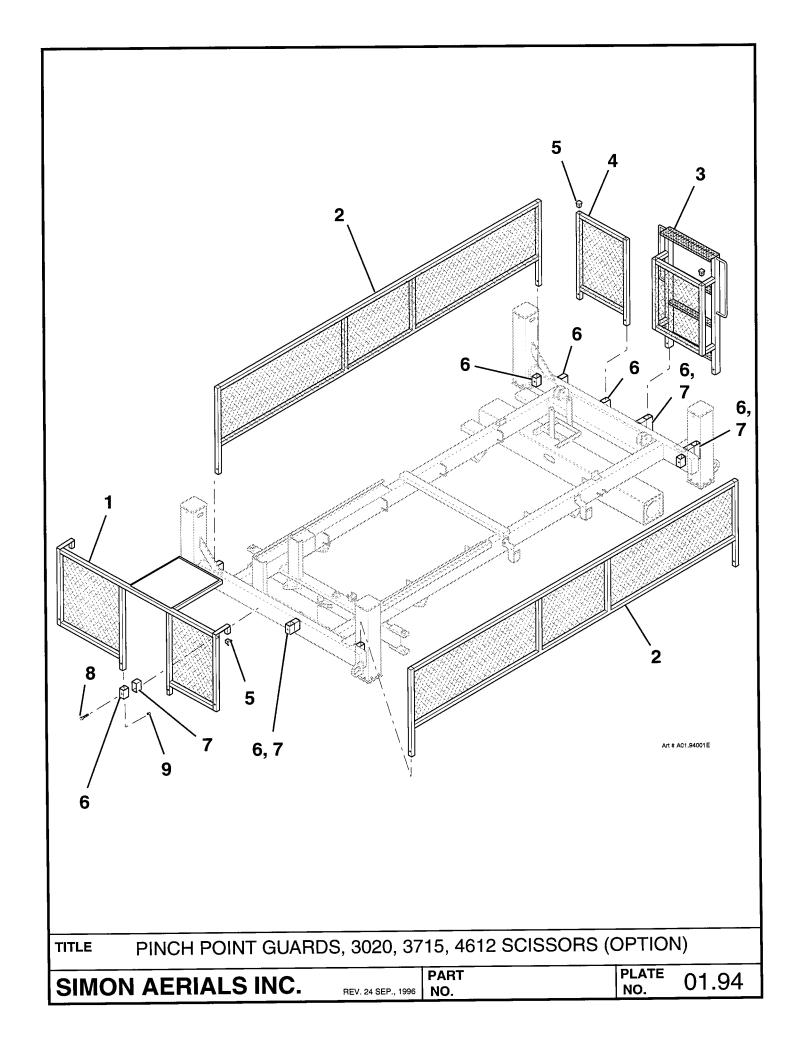
	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
100	See Plate	27	HYDRAULIC SUBPLATE ASSEMBLY	1	
101	07-003005	_,,	CAP SCREW, HEX HEAD (1/4"-20 x 1", Grade 5)	4	
102	07-065014		WASHER, HELICAL LOCK (1/4")	4	
103	07-060014		WASHER, FLAT (1/4", SAE)	4	
104	07-060014		WASHER, EXTERNAL TOOTH, 1/4", PLATED	4	
105	222 0160		VALVE ASSEMBLY. EMERGENCY LOWERING		
			(includes bracket)	1	
106	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)		
107	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	1	
108	07-062015		WASHER, FLAT (5/16")	2	
109	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	1	
110	01-209800		MANIFOLD, BRAKE RELEASE	1	
111			BODY, VALVE	1 1	
112			VALVE, NEEDLE	1	
113			PUMP, HAND	-	
114			KNOB, HAND PUMP	-	
115			SEAL KIT, HAND PUMP		
116	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (4MJ-6MB) 90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (4MJ-6MB 90°)	1	
117	06-044400			2	
118			NUT, LOCK (5/16"-18, Grade 5, Nylock) WASHER, FLAT (5/16")	8	
119 120			SWITCH, LIMIT (Side rotary, marked "LSYUB 6B ") (Right)		
120	03-493600		(to cut out drive function at 25 ft [7.6 m] height)		
			(has two normally open and two normally closed contacts)		
			(replaces 03-606100, used earlier)	1	
121	03-614500		ARM, LIMIT SWITCH (for right hand switch)	1 1	
122	03-493700		SWITCH, LIMIT (Side rotary, marked "LSYUB1A") (Left)		
122	00 1007 00		(to cut out high speed drive function at 12 ft [3.7 m] height)		
			(has one normally open and one normally closed contact)	1	
123	03-612100		ARM, LIMIT SWITCH (for left hand switch)	1	
124			GRIP, CORD (Plastic, 1/2", with .24" to .47" seal)	2	
125			CABLE, ELECTRICAL (SJO, 4 conductor, #16 AWG)		
Į			(Bulk item, order as needed. 5 Ft [1.5 M] required here)	A.R.	
126	07-011419		MACHINE SCREW, PAN HEAD (#10-32 x 5/8", Grade 2)	4	
127	07-065011		WASHER, HELICAL LOCK (#10)	4	
		• • : :			
TITLI		CARRIA	GE ASSEMBLY, 3020 E SCISSORS (PLATE 5 OF 6)		
PLAT NO.	^{TE} 01.66	SIMO	N AERIALS INC. NEW 06 JAN., 1997 NO.		
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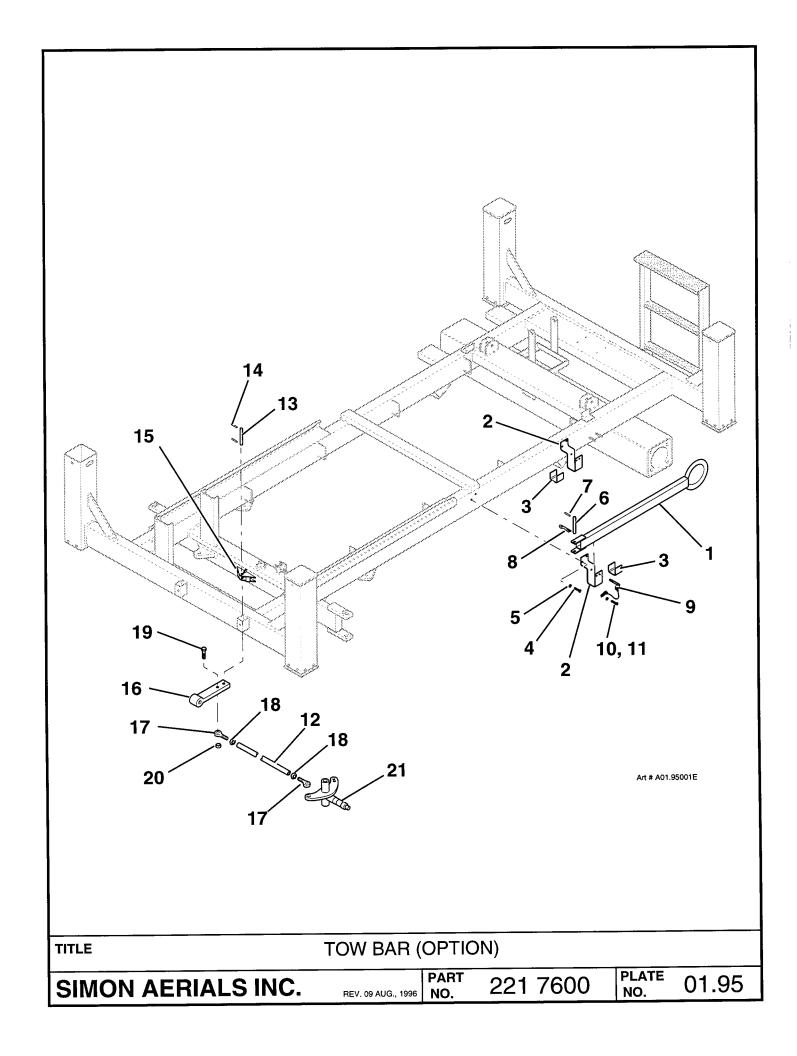
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
128	01-113300		VALVE, POWER SAVER		
400	00.400000		(includes solenoid valve, relief valve and fittings)	1 2	
129 130	06-402000 07-003032		ADAPTER, "O"-RING TO 37° (8 F5OX-S) (8MB-8MJ) CAP SCREW, HEX HEAD (5/16"-18 x 2-3/4", Grade 5)	2	
131	07-062015		WASHER, FLAT (5/16")	2	
132			NUT, LOCK (5/16"-18, Grade 5)	2	
133	01-110700		VALVE, PRESSURE RELIEF	1	
134	01-205700		CARTRIDGE (RV3)	1	
135 1 3 6	**************************************		COIL ADAPTER, "O"-RING TO 37° (10 F5OX-S) (10MB-10MJ)	4	
137			ADAPTER, "O"-RING TO FEMALE NPT	'	
,	30 00		(10-8 F5OG-S) (10MB-8FP)	1	
138	06-300600		90° ELBOW, MALE NPT (8-8)	1	
139	06-072900		TEE, FEMALE PIPE (1/2 MMO-S) (8FP-8FP-8FP)	1	
140 141	24-100766 06-095100		CONNECTOR (8MP-10MJ) PLUG, HEX SOCKET "O"-RING (8 HP5ON-S)	2	
141			PLUG, HEX SOCKET "O"-RING (10 HP5ON-S)		
143			CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	2	
144	07-062015		WASHER, FLAT (5/16")	6	
145			UNION TEE, 37° MALE (6 JTX-S) (6MJ-6MJ-6MJ)	4	
146			CLAMP (#14)	4	
147	07-029365		SCREW, HEX WASHER HEAD (#12 x 1", Self drilling, with rubber seal)	1	
			(#12 x 1 ; een anning, war tabbe. sear)		
TITLE	UNDER	CARRIA	GE ASSEMBLY, 3020 E SCISSORS (PLATE 6 OF 6)		
PLAT	E 01.66	SIMO	N AERIALS INC. NEW 06 JAN., 1997 NO.		
NO.	01.00	CIIVIO	N AERIALS INC. NEW 06 JAN., 1997 NO.		



PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			PINCH POINT GUARD SET	
	354 5700 354 5780		for Model 3020 for Model 3715	
	354 5790		for Model 4612	
			AND THE PROPERTY OF A MANY	
2	223 0790 223 0810		GUARD, PINCH POINT (Front. With engine guard.) GUARD, PINCH POINT (Side)	2
3	223 0610		GUARD, PINCH POINT (Rear, left. With ladder.)	1
	223 0800		for Model 3020	
	223 1330		for Model 3715 for Model 4612	
4	223 1320 223 0820		GUARD, PINCH POINT (Rear, right)	1
5	24-101195		PLUG, TUBE END (for 1-1/2", #14 gauge square tube)	10
6			POCKET, ENGINE GUARD (must be welded to chassis	8
	222 7920		frame or spacer, Item 7) for Model 3020	
	222 5260		for Model 3715 or 4612	
7			SPACER, ENGINE GUARD POCKET (For front and left rear	
	222 2850		screen. Must be welded to chassis frame.) for Model 3020	4
	222 3850 222 5270		for Model 3715 or 4612	
8	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	8
9	07-050015		NUT, HEX LOCK (5/16"-18, Grade 5)	8
	100			
	American Company			
TITL	E PINCH	POINT	GUARDS, 3020, 3715, 4612 SCISSORS (OPTION)	
PLA [*]	^{TE} 01.94	SIMO	NAERIALS INC. REV. 24 SEP., 1996 NO.	
NO.	U 1.54	SINO	N AERIALS INC. REV. 24 SEP., 1996 NO.	



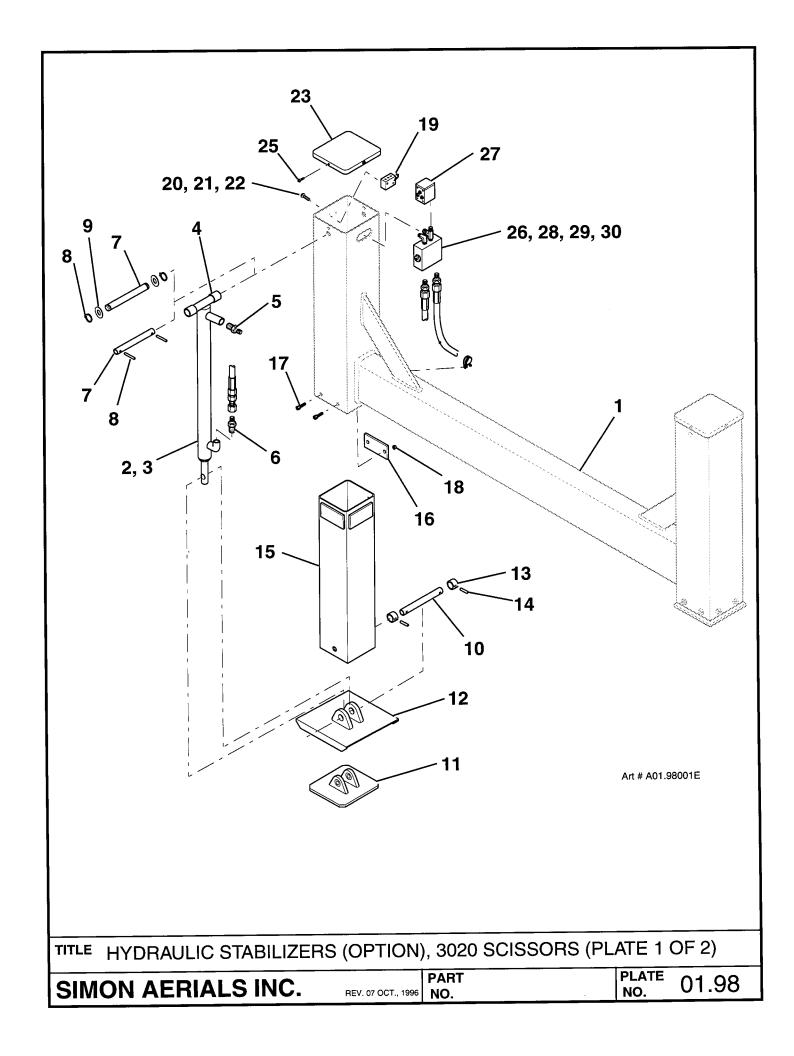
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	222 9110		BAR, TOW	1
2	223 1270		BRACKET, TOW BAR MOUNTING	2
3	223 1340		PAD, CUSHION (Rubber, 2" x 6-3/4" x 1/8" thick) CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	4
4 5	07-003023 07-065015		WASHER, HELICAL LOCK (5/16")	4
6	221 9100		PIN, TOW BAR RETAINING	1
7	07-100000		PIN, ROLL (5/16" x 2" long)	1
8	42-101060		CLIP, HAIRPIN (1/8" x 2-1/2") PIN, QUICK RELEASE (3/8" x 3-1/2", with ring grip)	1 2
9	07-107400 07-107500		WASHER, SEALING (#10 x 5/8" O.D.)	2
11	10-155553		SCREW, SELF TAPPING (#10 x 1/2")	2
12	222 9090		ARM, PIVOT	1
13	222 0970		PIN, PIVOT ARM (1" x 3-3/4")	1 2
14 15	07-100000 222 3940		PIN, ROLL (5/16" x 2") BRACKET, PIVOT ARM	1 1
16	222 0900		TIE ROD	1
17	08-044400		END, TIE ROD (5/8"-18 NF thread. Marked "TM10")	2
18	07-047121		NUT, JAM (5/8"-18 NF, Grade 5)	2
19	07-003133 07-050021		CAP SCREW, HEX HEAD (5/8"-11 x 3", Grade 5) NUT, LOCK (5/8"-11, Grade 5)	
21	222 8470		SPINDLE WELDMENT (Left)	1
İ				1
	•			
TITL	<u> </u> E		TOW BAR (OPTION)	ı
			DADT	
PLA [*] NO.	^{re} 01.95	SIMO	N AERIALS INC. REV. 09 AUG., 1996 NO. 221 76	500



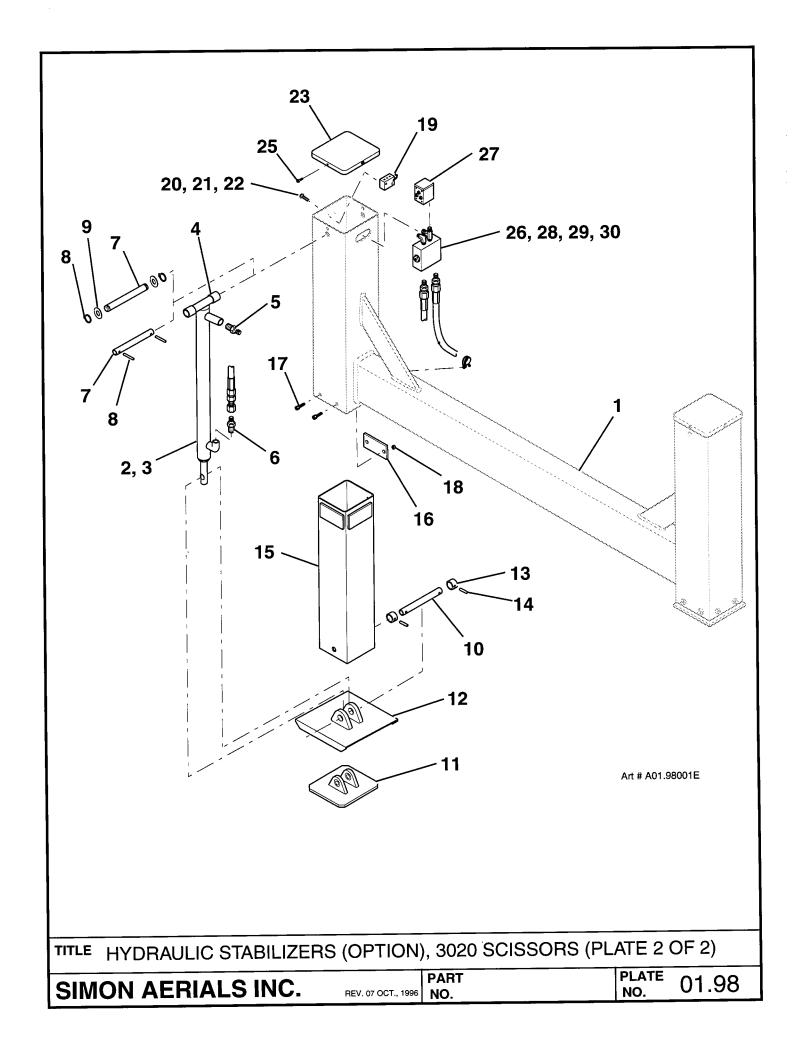
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1			CHASSIS WELDMENT (Ref.)	
2	04-053300		CYLINDER, STABILIZER (2" bore, 1-1/4" rod, 18" stroke)	4
3	04-052201		SEAL KIT, STABILIZER CYLINDER	1
4	221 7770		SPACER (welded to cylinder, item 2 or loose assembled)	
			(may be needed on some earlier versions)	8
5	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MJ-4MP)	8
6	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°)	4 4
7	224 7700		PIN, STABILIZER CYLINDER (Upper) (0.75" x 6.88" long) Earlier versions (held by pins, as shown)	7
	221 7790		Current versions (held by retaining rings, as shown)	
8	222 4220 42-100376		PIN, ROLL (5/16" x 2") (for earlier versions)	8
0	08-105000		RING, RETAINING (for current versions.	
	00-10000		Replaces 3/4" retaining ring 08-040500, used earlier.)	8
9			WASHER, FLAT (for current versions)	8
10			PIN, STABILIZER CYLINDER (Lower)	4
	221 6030		0.75" x 4.62" long (earlier versions)	
	221 7780		0.75" x 4.94" long (current versions)	
11	221 9600		FOOT PAD, STABILIZER (Flat plate, current version)	4
12	221 7760	333333333333333333333333333333333333333	FOOT PAD, STABILIZER ("U" cross-section, earlier version)	4
13			SPACER, LOWER	8
	221 7720		earlier versions	
	222 0710		current versions	8
14	000040		SET SCREW, HEX SOCKET HEAD	U
	07-023018		1/4"-20 x 1/4", Grade 5 (earlier versions)	
	07-023600		1/4"-20 x 1/2", Grade 5 (current versions) LEG, STABILIZER (Inner tube)	4
15	222 2500		PAD, WEAR (0.25" thick)	8
16	08-102700 08-102800		PAD, WEAR (0.29 thick)	8
17	00-102000		SCREW, FLAT HEAD	32
17	07-015005		Machine screw, 1/4"-20 x 1", Grade 5 (earlier versions)	
	07-102400		Cap screw, 1/4"-20 x 3/4" (current versions)	
18	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	32
'-			, in the second of the second	
				1
TITI		· O OTAF	ULIZERS (OPTION), 3020 SCISSORS (PLATE 1 OF 2)\

TITLE HYDRAULIC STABILIZERS (OPTION), 3020 SCISSORS (PLATE 1 OF 2)

PLATE NO. 01.98 SIMON AERIALS INC. REV. 07 OCT., 1996 PART NO.



PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
19	03-604400		SWITCH, STABILIZER LIMIT (Marked "BZ2RW863 - A2")	4
20	07-011337		MACHINE SCREW, ROUND HEAD (#6-32 x 1-1/4")	8
21	07-090095		WASHER, LOCK (#6, Bronze)	8
22 23	07-090094 221 6950		NUT, HEX (#6-32, Brass) COVER, STABILIZER TUBE (without slot, current style) (Some earlier versions had a clearance slot for hoses, and	4
24	10-202200	:	used Edge Guard, below.) EDGE GUARD (Trim-lok, 3" x 1/4") (for earlier versions) (Bulk item, order as required)	A.R.
25 26	07-102300 16-800453		MACHINE SCREW, HEX WASHER HEAD (#10-24 x 1/2", self-tapping) VALVE, HOLDING (earlier versions)	8
27	01-241100		VALVE, LOCK (versions built April 1996 and later) SWITCH, PRESSURE (PDI) 300-2,500 Lb. (136-1134 kg) (earlier versions)	4
	03-603500 03-720500		versions built January 1996 and later	
28 29 30	06-080200 06-074700 06-000400		90° STREET ELBOW (1/4 CD-S) (4MP-4FP 90°) STREET TEE (1/4 MRO-S) (4MP-4FP-4FP) CONNECTOR, MALE 37° TO NPT (4-4 FTX-S) (4MJ-4MP)	3 1 4
31	353 9390		HOSE KIT, STABILIZER OR OUTRIGGER	1
				all of
TITLI	E HYDRAIII	IC STAP	SILIZERS (OPTION), 3020 SCISSORS (PLATE 2 OF 2	2)
PLA1			N AEDIAL SINC PART	
NO.	6 01.98	SIMO	NACRIALS INC. REV. 07 OCT., 1996 NO.	



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1		<u>oronon</u>	CHASSIS WELDMENT (Ref.)		
2	04-053200		CYLINDER, OUTRIGGER (2" bore, 1-1/4" rod, 24" stroke)	4	
3	04-052201		SEAL KIT, OUTRIGGER CYLINDER	1	
4	221 7770		SPACER (welded to cylinder, item 1 or loose assembled)		
			(may be needed on some earlier versions)	8	
5	06-000600		CONNECTOR, MALE 37° TO NPT (4- 6 FTX-S)	4	
6	06-000400		CONNECTOR, MALE 37° TO NPT (4- 4 FTX-S)	4	
7			PIN, OUTRIGGER CYLINDER (Upper) (0.75" x 6.88" long)	4	
'	221 7790		Earlier versions (held by pins, as shown)		
	222 4220		Current versions (held by retaining rings, as shown)		
8	42-100376		PIN, ROLL (5/16" x 2") (for earlier versions)	8	
	08-105000		RING, RETAINING (for current versions.		
			Replaces 3/4" retaining ring 08-040500, used earlier.)	8	
9			WASHER, FLAT (for current versions)	8	
10			PIN, OUTRIGGER CYLINDER (Lower)	4	
	221 6030		0.75" x 4.62" long (earlier versions)		
	221 7780		0.75" x 4.94" long (current versions)		
11	221 7760		FOOT PAD, OUTRIGGER ("U" cross-section, standard)	4	
12	221 8070		FOOT PAD, OUTRIGGER (13.5" x 13.5", larger optional pad	4	
13			SPACER, LOWER	8	
	221 7720		earlier versions		
	222 0710		current versions		
14			SET SCREW, HEX SOCKET HEAD	8	
	07-023018		1/4"-20 x 1/4", Grade 5 (earlier versions)		
	07-023600		1/4"-20 x 1/2", Grade 5 (current versions)	,	
15	221 7730		LEG, OUTRIGGER (Inner tube)	4	
16	08-102700		PAD, WEAR (0.25" thick)	8 8	
	08-102800		PAD, WEAR (0.19" thick)		
17			SCREW, FLAT HEAD	32	
	07-015005		Machine screw, 1/4"-20 x 1", Grade 5 (earlier versions)		
1	07-102400		Cap screw, 1/4"-20 x 3/4" (current versions)	64	
18	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	64	
İ					
TITL	E "A" FRA	ME OUT	RIGGERS (OPTION), 3020, 3715 OR 4612 SCISSOF	RS	
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SIMON AERIALS INC.

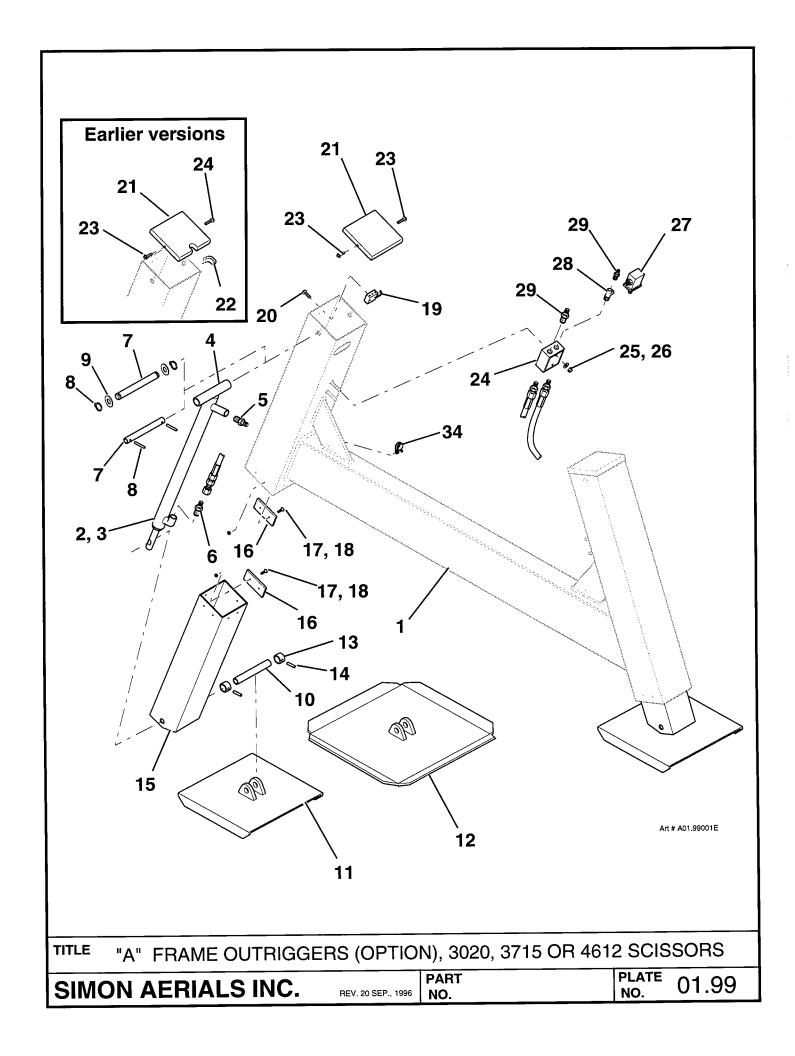
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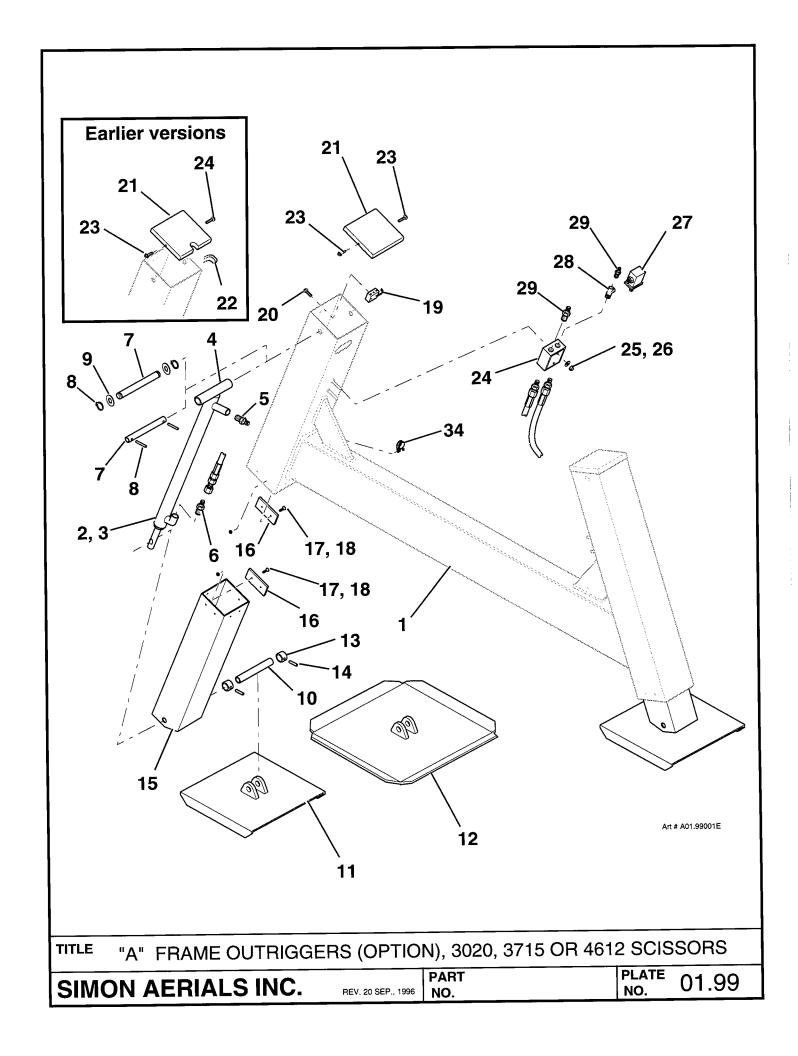
PART

NO.

REV. 20 SEP., 1996



	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
19	03-604400	02011011	SWITCH, LIMIT (Marked "BZ2RW863 - A2")	4	
20	07-011337		MACHINE SCREW, ROUND HEAD (#6-32 x 1-1/4")	8	
21	221 6950		COVER, OUTRIGGER TUBE (without slot, current style)	4	
			(Some earlier versions had a clearance slot for hoses, and		
			used Edge Guard, below.)		
22	10-202200		EDGE GUARD (Trim-lok, 3" x 1/4") (for earlier versions)		
			(Bulk item, order as required)	A.R.	
23	07-102300		MACHINE SCREW, HEX WASHER HEAD	8	
			(#10-24 x 1/2", self-tapping)		
24	16-800453		VALVE, CROSS PORT CHECK (Marked "LOA25D")	4	
	01 011100		(earlier versions) VALVE, LOCK (current versions)	4	
0.5	01-241100		WASHER, FLAT (3/8")	8	
25 26	07-060016 07-046016		NUT, HEX LOCK (3/8"-16)	8	
27	07-046016		SWITCH, PRESSURE (PDI)	A.R.	
21			(Two required for "side-to-side" controlled outriggers)		
			(Four required for independently controlled outriggers)		
	03-603500		300-2,500 Lb.(136-1134 kg) (earlier versions)		
	03-720500		current versions		
28	06-074700	ļ	STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)] _]	
			(one used with each pressure switch, Item 25)	A.R.	
29	06-000400		CONNECTOR, MALE 37° TO NPT (4- 4 FTX-S) (4MJ-4MP)	١ ا	
			(two used with each pressure switch, Item 25)	A.R.	
30	06-144300		HOSE END, STRAIGHT SWIVEL (4C2 - 4FJX)	12	
31	06-308700		HOSE END, 90° SWIVEL (4C2 - 4FJX 90M)	4	
			(replaces 24-100761)	16	
32	06-155200		FERRULE (4PC1FM1A)	10	
33	05-081500		HOSE (1/4") (Bulk item, order as required) (4 Ft [1.22 M] needed this application)	A.R.	
0.4	40 100007		CLAMP, LOOM (#10, insulated)	A.R.	
34 35	42-100397 353 9390		HOSE KIT, STABILIZER OR OUTRIGGER	1	
35	333 9390		HOOL KIT, OTABLEZEIT OTT OOTT MAGE.		
TITL	E "A" FRA	ME OUT	RIGGERS (OPTION), 3020, 3715 OR 4612 SCISSOF	イS 	
PLA	TE 01.99	SIMO	NAERIALS INC. REV. 20 SEP., 1996 NO.		
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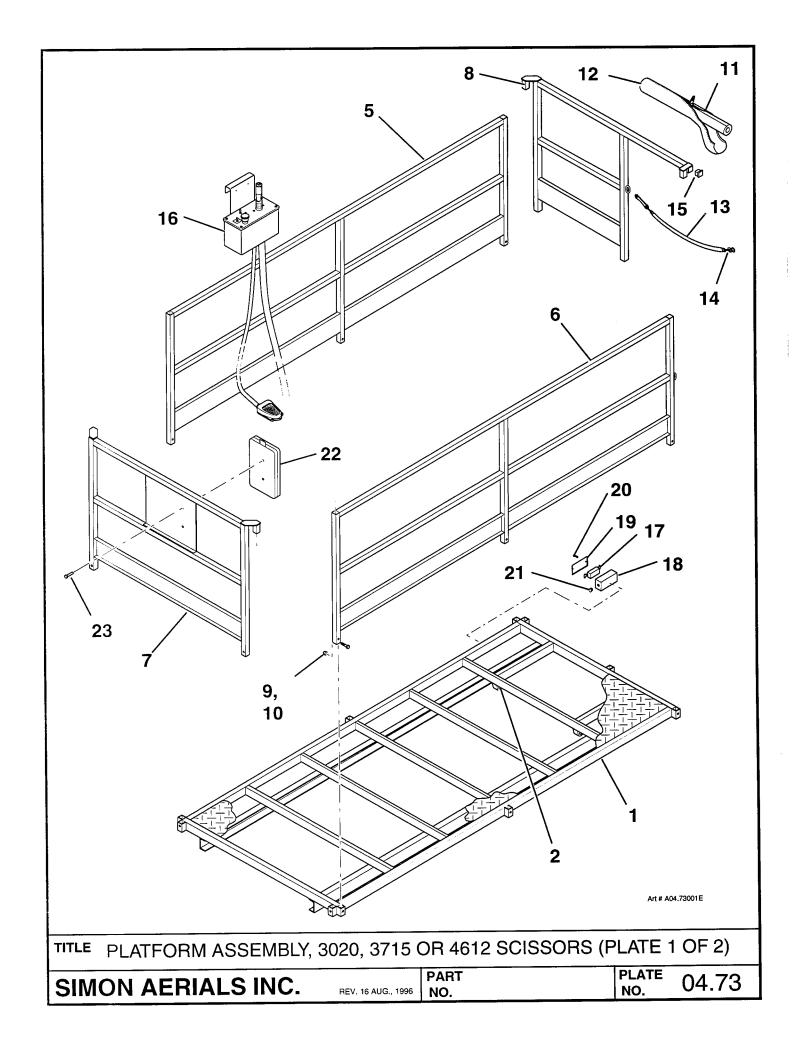


	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			PLATFORM DECK WELDMENT	1		
	1 '	'	for Model 3020 or 4612 (Note: Platform mounting ears			
!	1	<u> </u>	are located 4.63" [118 mm] from end of weldment)			
	221 1390		Standard, without Rollout or Traversing Deck option			
	221 8820		with Rollout Deck option			
			for Model 3715 (Note: Platform mounting ears are located	4		
3000000		,	25.38" [64.5 cm] from end of weldment)			
	222 4800	1	Standard, without Rollout or Traversing Deck option	ļ ļ		
	222 4810		with Rollout Deck option			
2	221 6460		EAR, SCISSOR MOUNTING	4		
3	221 8670		BRACKET, ROLLOUT DECK ROLLER (Right)			
			(Weld to deck in place of front rail pocket for models			
	'		with optional rollout deck)	1 1		
4	221 8680		BRACKET, ROLLOUT DECK ROLLER (Left)			
			(Weld to deck in place of front rail pocket for models			
			with optional rollout deck)	1		
5	222 4770		SIDE RAIL WELDMENT (Right)	1		
6	221 3050		SIDE RAIL WELDMENT (Left)	1		
7	221 3000		END RAIL WELDMENT (Control end) (Standard version,			
	1		without Rollout or Traversing Deck option)	1 1		
8	221 2990		END RAIL WELDMENT (Entry end)	1		
9	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10		
10	07-050015		NUT, LOCK (5/16"-18, Grade 5)	10		
11	10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall,	1.5		
			6 Ft [1.83 M] long section) (2 Ft [.6 M] needed here)	A.R.		
12	228 9910		COVER, PIPE INSULATION (Yellow, with zipper)	1 1		
13	353 6350		CHAIN ASSEMBLY, SAFETY			
14	11-083400		"S"-HOOK (replaces 48-100130)			
15	24-101195		PLUG, TUBE END (for 1-1/2", #14 gauge square tube)			
16	See plate	. 09	CONSOLE ASSEMBLY, PLATFORM CONTROL	1 1		
17	03-067000]	OUTLET, DUPLEX (110 Volt AC) (option)	¦		
18	03-062100		BOX, DUPLEX OUTLET			
19	03-062200		COVER, DUPLEX OUTLET	2		
20	10-155553		SCREW, SELF TAPPING (#10-24)	3		
21	11000		GRIP, CORD Plantin 1 (0) with 20" to 44" coal (parlier versions)	0		
	03-041000		Plastic, 1/2", with .38" to .44" seal (earlier versions)	-		
	03-700400		1/2", with .24" to .47" seal (current versions)	1		
22	11-085200		ENCLOSURE, TECHNICAL MANUAL STORAGE	4		
23	07-085005		POP RIVET (3/16" x 5/8")	-		
TITI	TITLE PLATFORM ASSEMBLY 3020, 3715 OB 4612 SCISSORS (PLATE 1 OF 2)					

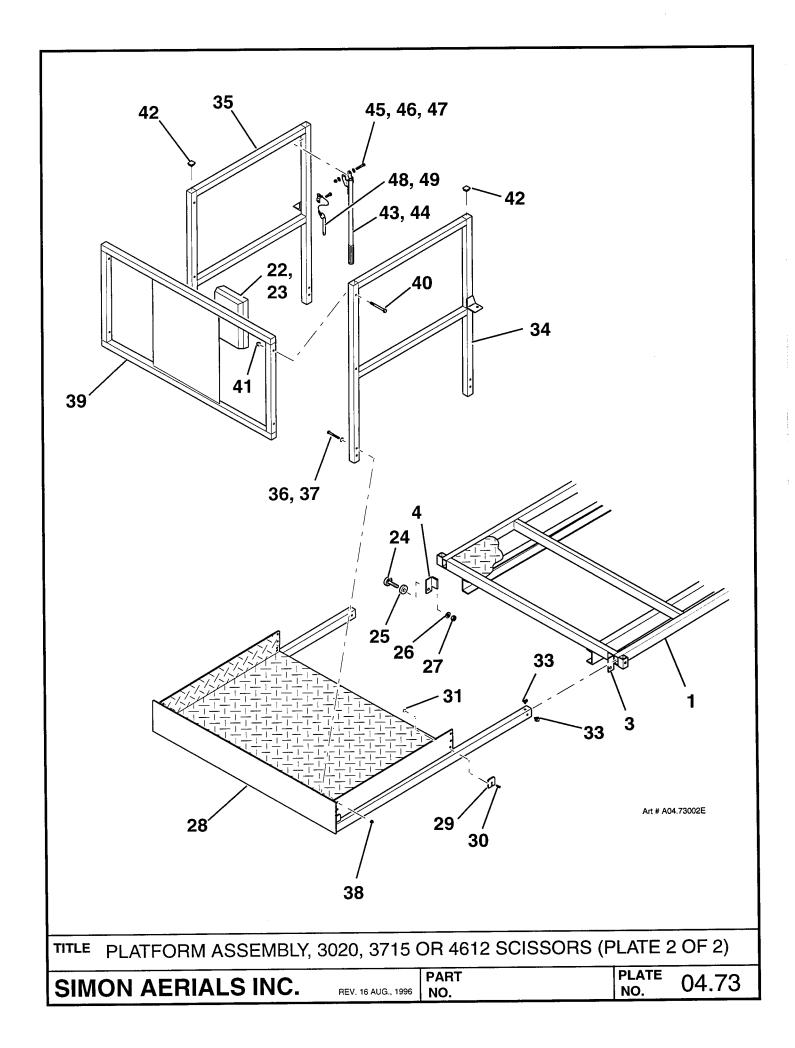
PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 1 OF 2)

PLATE NO. 04.73 SIMON AERIALS INC.

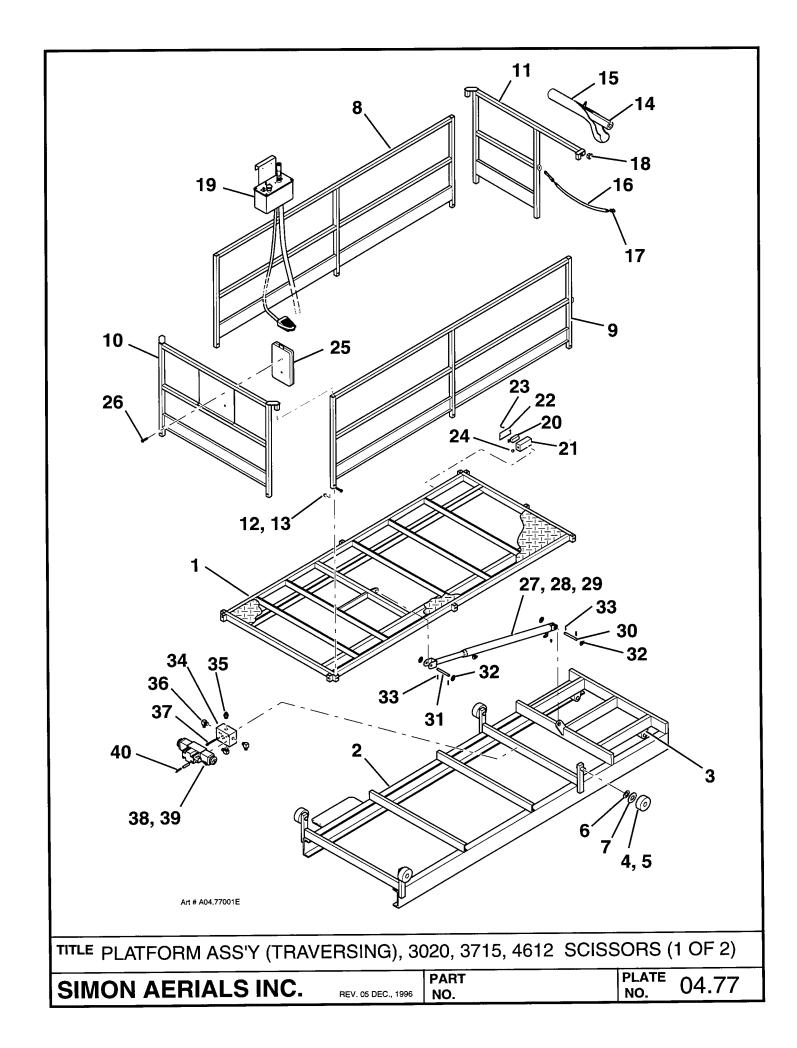
PART NO.



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
24	08-102900		BEARING, CAM FOLLOWER (1-5/8" O.D.)	2	
25	221 8690	:	SPACER, CAM ROLLER	2	
26	07-065023		WASHER, LOCK (7/8")	2	
27	07-047123		NUT, JAM (7/8"-14, Grade 5)	2	
28	222 1360		DECK, ROLLOUT (3 foot extension)		
29	222 4280		PAD, ROLLOUT DECK SLIDER (Nylon)	2 4	
30	07-015003		MACHINE SCREW, FLAT HEAD (1/4"-20 x 3/4", Grade 5)	4	
31	07-050014		NUT, LOCK (1/4"-20, Grade 5) PLASTIC (2-1/2" x 1/4") (not shown)	2	
32 33	10-214800 10-165600		WASHER, SHOULDER (Nylon)	6	
34	222 4890		RAIL, ROLL OUT DECK (Left side)	1	
35	222 4900		RAIL, ROLL OUT DECK (Right side)	1	
36	07-003030		CAP SCREW, HEX HEAD (5/16"-18 x 2-1/4", Grade 5)	8	
37	07-062015	!	WASHER, FLAT (5/16")	8	
38	07-050015		NUT, LOCK (5/16"-18, Grade 5)	8	
39	222 4910		RAIL, ROLL OUT DECK (Front)	1	
40	07-003033		CAP SCREW, HEX HEAD (5/16"-18 x 3", Grade 5)	4	
41	07-050015		NUT, LOCK (5/16"-18, Grade 5)	4	
42	10-114100		PLUG, TUBE END (for 1-1/4", #16 gauge square tube)	4	
43	222 5110		HANDLE, ROLLOUT DECK	2 2	
44	11-208800		GRIP, HANDLE (Plastic)	2	
45	07-003030		CAP SCREW, HEX HEAD (5/16"-18 x 2-1/4", Grade 5)	4	
46	07-062015		WASHER, FLAT (5/16") NUT, LOCK (5/16"-18, Grade 5)	2	
47 48	07-050015 11-030500		PIN, RETAINING (3/8" x 2-5/8") (includes 6" lanyard)	2	
49	07-029365		SCREW, HEX WASHER HEAD (#10-24 x 1", self drilling)	2	
73	07 023003		, , , , , , , , , , , , , , , , , , , ,		
				1	
TITL	TITLE PLATFORM ASSEMBLY, 3020, 3715 OR 4612 SCISSORS (PLATE 2 OF 2)				
PLATE 04.73 SIMON AERIALS INC. REV.16 AUG., 1996 NO.					
NO. 04.73 SINON AERIALS INC. REV.16 AUG., 1996 NO.					



Title Part No	PARTS LIST					
1	ITEM	PART NO		DESCRIPTION	QTY.	
2 222 7450 PLATFORM BASE WELDMENT (for traversing deck) 3 221 6460 EAR, SCISSOR MOUNTING 4 231 4200 BUSHING (Bronze, 1-1/8" O.D., 7/8" I.D., 1" long) 5 08-101600 BUSHING (Bronze, 2.0" O.D., 1.0" I.D., 1.1" long) 6 SHIM (1.38" O.D., 0.88" I.D., 0.75" lhick) 7 SHIM (1.38" O.D., 0.88" I.D., 10" l.D., 1.1" lhick) 8 222 4770 SIDE RAIL WELDMENT (Right) 10 221 3000 END RAIL WELDMENT (Right) 11 221 3900 END RAIL WELDMENT (Centrol end) 12 07-003023 CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5) 13 07-050015 14 10-063200 TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall, 6 ft [1.83 m] long section) (2 ft [6 m] needed here) 15 228 9910 COVER: PIPE INSULATION (7ellow, with zipper) 16 353 6350 CHAIN ASSEMBLY, SAFETY 17 11-083400 "S'-HOOK (replaces 48-100130) 18 24-101195 "See plate 09 CONSOLE ASSEMBLY, PLATFORM CONTROL 20 03-067000 SO-5000 BOX, DUPLEX OUTLET 21 03-062200 COVER: DUPLEX OUTLET 22 03-062200 COVER: DUPLEX OUTLET 23 10-15553 SCREW, SELF TAPPING (#10-24) 24 GRIP, CORD 25 11-085200 ENCLOSURE TECHNICAL MANUAL STORAGE 1 1 10-085200 ENCLOSURE TECHNICAL MANUAL STORAGE 1 1 1-085200 ENCLOSURE TECHNICAL MANUAL STOR	1		<u> </u>	PLATFORM DECK WELDMENT		
222 6480 EAR. SCISSOR MOUNTING 4 4 4 5 5 6 6 5 6 6 6 7 8 8 8 6 6 7 8 8 8 8 8 8 8 8 8						
A						
SUSHING (Bronze 1-1/8" O.D., 778" I.D., 1" long) 4						
SHIM (1.38" O.D., 0.88" I.D., .075" thick) 4					4	
8 222 4770 SIDE RAIL WELDMENT (Right) 1 1 1 1 1 221 3050 END RAIL WELDMENT (Control end) 1 1 1 1 1 1 1 1 1				SHIM (1.38" O.D., 0.88" I.D., .075" thick)	1 1	
9	7					
10	****************				1 1	
1						
12					1	
13				CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5)	10	
15 228 9910 G ft [1.83 m] long section) (2 ft [6 m] needed here) A.R.				NUT, LOCK (5/16"-18, Grade 5)	10	
15	14	10-063200		TUBING, PIPE INSULATION (1-1/8" I.D., 1" wall,		
16 353 6350 CHAIN ASSEMBLY, SAFETY 1 11-083400 15-084101 19 24-101195 PLUG, TUBE END (for 1-1/2", #14 gauge square tube) 1 10 03-067000 09 CONSOLE ASSEMBLY, PLATFORM CONTROL 1 1 1 1 1 1 1 1 1						
11-083400					1	
18					1	
19			i	PLUG, TUBE END (for 1-1/2", #14 gauge square tube)	1 1	
21 03-062100 BOX, DUPLEX OUTLET 1 22 03-062200 COVER, DUPLEX OUTLET 1 23 10-155553 SCREW, SELF TAPPING (#10-24) GRIP, CORD Plastic, 1/2", with .38" to .44" seal (earlier versions) 25 11-085200 ENCLOSURE, TECHNICAL MANUAL STORAGE 1 26 07-085005 POP RIVET (3/16" x 5/8") TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2) PLATE O4 77 SIMON AFRIALS INC.	li .	See plate	09			
22 03-062200 COVER, DUPLEX OUTLET 23 10-155553 SCREW, SELF TAPPING (#10-24) 24 03-041000 Plastic, 1/2", with .38" to .44" seal (earlier versions) 25 11-085200 ENCLOSURE, TECHNICAL MANUAL STORAGE POP RIVET (3/16" x 5/8") TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2) PLATE O4 77 SIMON AFRIAL SINC						
23 10-155553 SCREW, SELF TAPPING (#10-24) 2 3 3 2 4 03-041000 Plastic, 1/2", with .38" to .44" seal (earlier versions) 25 11-085200 ENCLOSURE, TECHNICAL MANUAL STORAGE 1 4 2 4 4 4 4 5 4 4 5 4 4		1				
O3-041000 O3-041000 O3-700400 O3-700400 O7-085005 O7-0	200000000000000000000000000000000000000					
03-041000		10-155555				
25 11-085200 ENCLOSURE, TECHNICAL MANUAL STORAGE POP RIVET (3/16" x 5/8") TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2) PLATE 04 77 SIMON AFRIALS INC.	- '	03-041000		Plastic, 1/2", with .38" to .44" seal (earlier versions)		
TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2) PLATE OA 77 SIMON AFRIALS INC.				1/2", with .24" to .47" seal (current versions)	4	
TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (1 OF 2) PLATE OA 77 SIMON AFRIALS INC.						
PLATE OA 77 SIMON AFRIALS INC. PART	26	07-085005		POP HIVET (3/16 x 5/6)		
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PLATE OA 77 SIMON AFRIALS INC. PART	TITI	TITLE DI ATTORNA ACCIN (TRANSPOLINIC), 2000, 2715, 4612, SCISSORS (1 OF 2)				
IPLAIS ON 77 ISIMON AFRIAIS INC.				DART		



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
27	04-053400		CYLINDER, TRAVERSING DECK (2" bore x 48" stroke)	1		
28	04-053401		SEAL KIT, CYLINDER 90° ELBOW, MALE 37° TO NPT (4-6 CTX-S)	1		
29	06-216400		(4MJ-6MP 90°) (replaces 24-100652)	2		
30	237 0200		PIN, CYLINDER (Base end) (1" dia. x 3-1/4" long)	1		
31	237 0200		PIN, CYLINDER (Rod end) (1" dia. x 3-1/4" long)	1		
32 33	07-060024 07-100000		WASHER, FLAT (1" SAE) ROLL PIN (5/16" x 2")	4 4		
34	01-017800		MANIFOLD, SINGLE STATION	1		
35	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	1		
36	06-044400		90° ELBOW, "O"-RING TO 37° (4-6 C5OX-S) (6MB-4MJ 90°) CAP SCREW, SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8)	3 2		
37 38	07-008007 01-109400		VALVE, DIRECTIONAL (D03)	1		
39	01-109401		COIL, DIRECTIONAL VALVE (12 Volt DC) .	1		
40	07-008354		CAP SCREW, SOCKET HEAD (#10-24 x 1-1/4", Grade 8)	2		
41 42	03-064000		CLAMP, HOSE TIE, CABLE (7.4" [188 mm] long)	A.R.		
43	03-064700		TIE, CABLE (14.5" [368 mm] long)	A.R.		
		100				
1						
T1T1	<u> </u>		(TEXTENDED AND ARTHUR 1848 AND AND ARTHUR 1848	- 0)		
	TITLE PLATFORM ASS'Y (TRAVERSING), 3020, 3715, 4612 SCISSORS (2 OF 2)					

SIMON AERIALS INC.

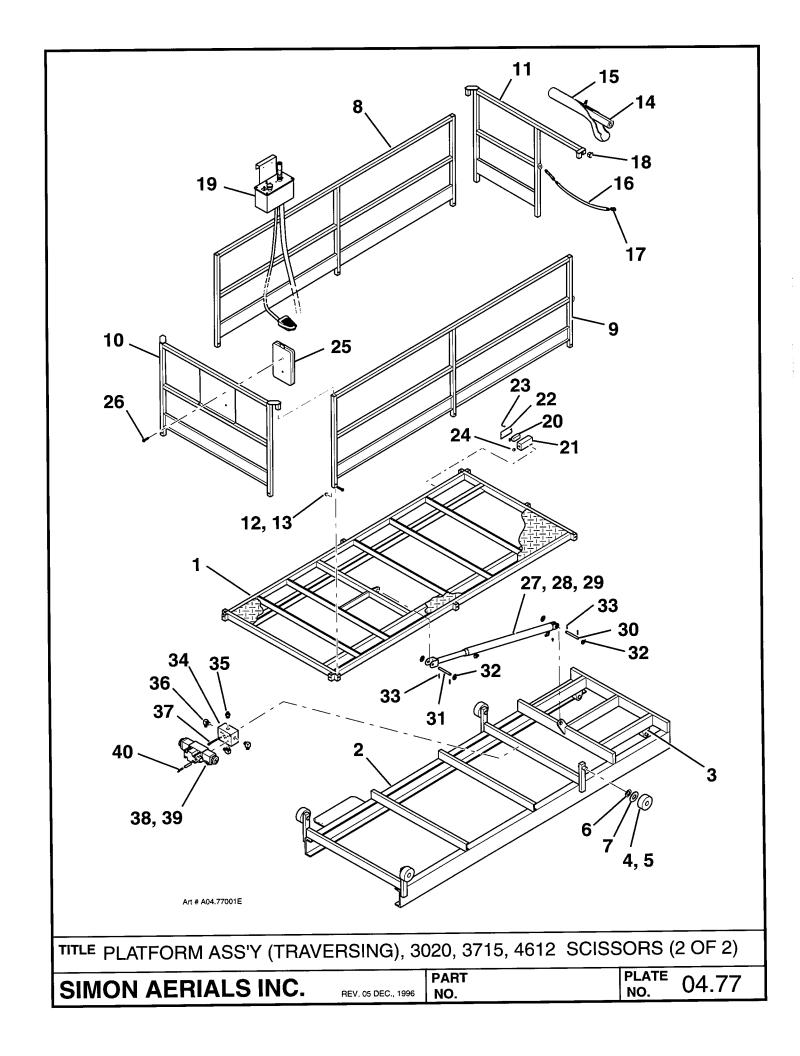
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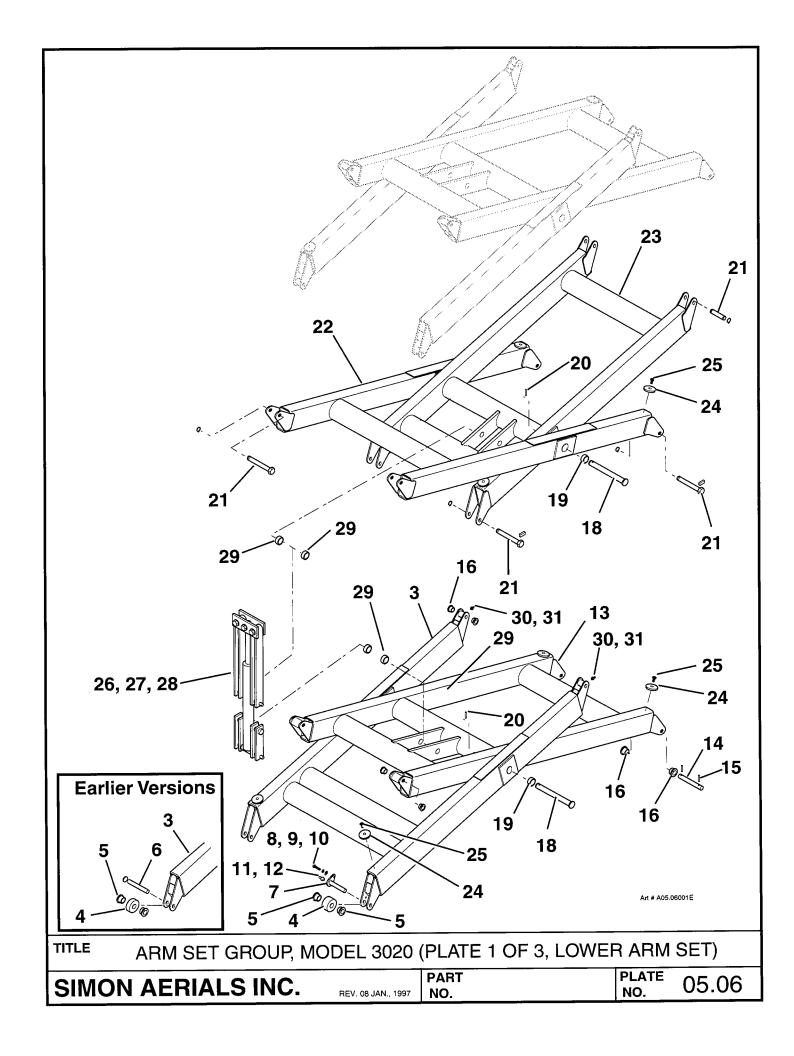
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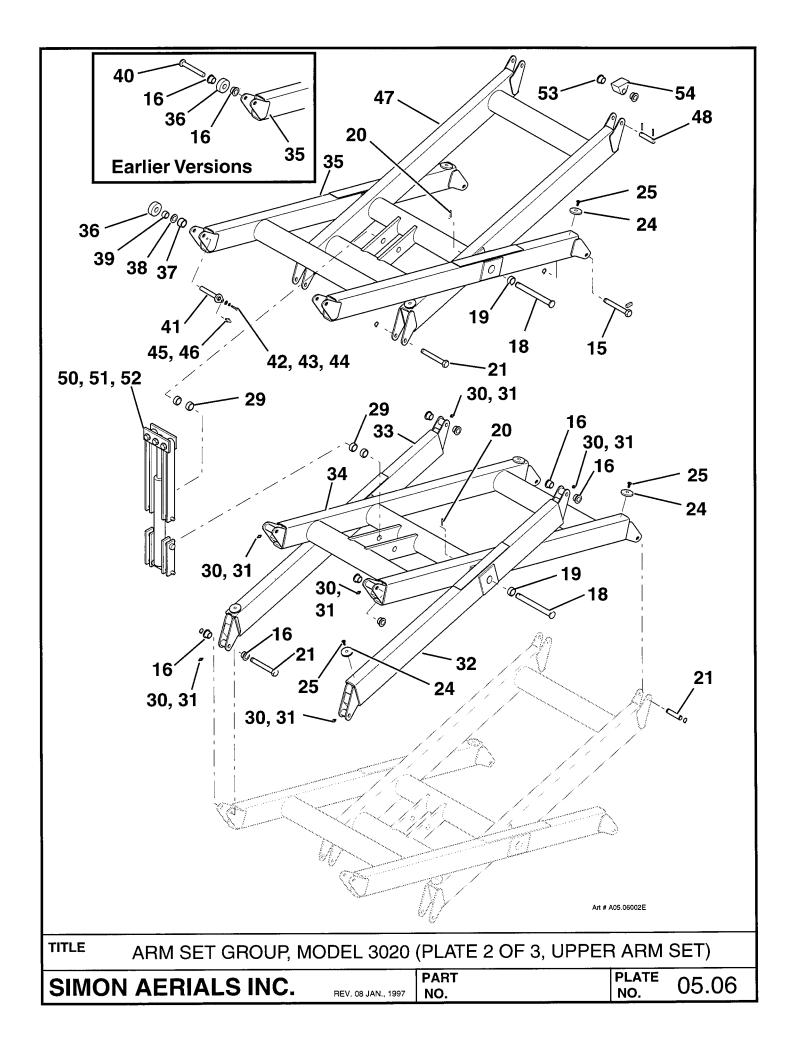
REV. 05 DEC., 1996



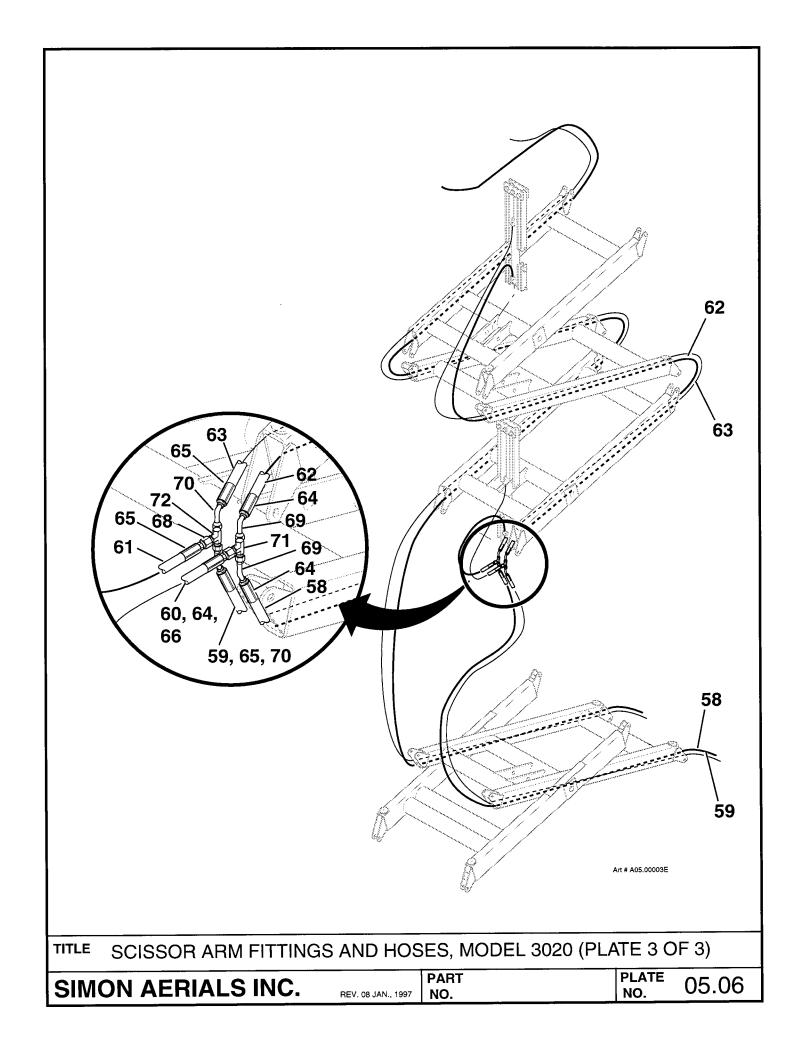
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			SCISSORS ARM SET GROUP	1	
2		1:	SCISSORS ARM ASSEMBLY	1	
3	222 6600		ARM WELDMENT (Outer, bottom [#1] segment)	1 1	
4	221 6580		ROLLER, SCISSOR ARM (lower)	2	
5			BUSHING, SCISSOR ARM ROLLER (flanged)		
	08-100300		Brass, 1" I.D., 1.25" O.D., .75" long (earlier version)	4	
	08-077700		Bronze, 1" I.D., 1.25" O.D., .75" long (current version)		
	08-077800		Bronze, 1" I.D., 1.25" O.D., 1.0" long (current version)		
6	221 9120		PIN, SCISSOR ARM ROLLER (lower) (earlier version)	2	
7	235 9850		PIN, SCISSOR ARM ROLLER (lower) (current version)		
8	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2	
9	07-065016		WASHER, HELICAL LOCK (3/8")	2	
10	07-062014		WASHER, FLAT (3/8")	2	
11	11-201400		FITTING, GREASE (1/4")	2	
12	08-066300		COVER, GREASE FITTING (White plastic)	2	
13	222 6650		ARM WELDMENT (Inner, bottom [#1] segment)	1	
14	221 9090		PIN (Bottom [#1] inner arm to undercarriage frame)	2	
15	07-100000		ROLL PIN (5/16" x 2")	4	
16	08-100200		BUSHING (Oilite, flanged.		
		<u> </u>	1.00" I.D., 1.88" O.D., 1" long) (replaces 26-800527)	34	
17	08-040600		RING, SNAP	4 8	
18	222 6350		PIN, CENTER		
19	08-075600		BUSHING (Fibre glide) (replaces 26-800498)	16	
20	07-102900		PIN (Arm to arm connecting)	12	
21	222 6450		PIN (Arm to arm connecting) ARM WELDMENT (Outer, #2 segment)	1 1	
22	222 6470		ARM WELDMENT (Outer, #2 segment) ARM WELDMENT (Inner, #2 segment)		
23	222 6630		BUMPER (Nylon)	12	
24 25	10-214600 07-015003		MACHINE SCREW, FLAT HEAD		
دع	07-013000		(1/4"-20 x 3/4", Grade 5)	12	
26	See plate	11.87	CYLINDER, LIFT (Lower)	1	
27	Coo plate	',,	FUSE, VELOCITY		
-'	03-611500		5 GPM (18.9 L/ min) (color coded Black)	1	
28	06-051600		90° ELBOW, SWIVEL NUT (8 C6X-S)	1	
29	08-083100		BUSHING (Fibre glide, 7/8" I.D. x 3/4" long)	8	
30	08-050000		FITTING, GREASE (1/8" NPT straight)	14	
31	08-066300		CAP, GREASE FITTING (White plastic)	14	
	4	i			
TITLI	E ARM S	ET GRO	OUP, MODEL 3020 (PLATE 1 OF 3, LOWER ARM SET)	
PLA	^{TE} 05.06	SIMO	NAERIALS INC. REV. 08 JAN., 1997 NO.		
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PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			SCISSORS ARM SET GROUP (continued)			
			SCISSORS ARM ASSEMBLY (continued)			
32	222 6610		ARM WELDMENT (Right, outer, #3 segment)	1		
33	236 6750		ARM WELDMENT (Left, outer, #3 segment)	1		
34	222 6640		ARM WELDMENT (Inner, #3 segment)	1		
35	222 6480		ARM WELDMENT (Outer, top [#4] segment)	1		
36	221 6570		ROLLER, SCISSOR ARM (upper)	2		
37	26-402900		BUSHING, SLEEVE (Oilite,			
	^^ ^^		1.00" I.D., 1.25" O.D., 1.25" long)	2 2		
38	08-060500		WASHER (Bronze) SPACER, PIN	2		
39	221 9070 221 9110		PIN, SCISSOR ARM ROLLER (upper) (earlier version)			
40 41	235 9890		PIN, SCISSOR ARM ROLLER (upper) (current version			
42	07-003045		CAP SCREW, HEX HEAD (3/8"-16 x 1", Grade 5)	2		
43	07-065016		WASHER, HELICAL LOCK (3/8")	2		
44	07-062014		WASHER, FLAT (3/8")	2		
45	11-201400		FITTING, GREASE (1/4")	2		
46	08-066300		COVER, GREASE FITTING (White plastic)	2		
47	222 6620		ARM WELDMENT (Inner, top [#4] segment)	1		
48	221 9100		PIN (Top [#4] inner arm to platform deck)	2		
49	42-800522		RING, SNAP (earlier versions)	4		
	07-100000		ROLL PIN (5/16" x 2") (current versions)	4		
50	See plate	11.74	CYLINDER, LIFT (Upper)]		
51			FUSE, VELOCITY	1		
50	03-611700		4 GPM (15.1 L/ min) (color coded Red)	2		
52	06-039300		ADAPTER, "O"-RING TO 37° (4 F5OX-S) (4MJ-4MB) BUSHING (Flanged)	4		
53	08-100300		BOSHING (Flaliged)	1		
TITLE	TITLE ARM SET GROUP, MODEL 3020 (PLATE 2 OF 3, UPPER ARM SET)					
	Anivi S		DART	<i>'</i>		
PLAT	05.06	SIMO	N AERIALS INC. REV. 08 JAN., 1997 NO.	<u>-</u>		



PARTS LIST							
ITEM	PART NO	SEE SECTION	DESC	RIPTION		QTY.	
54 55 56 57	221 6460 05-081600 05-081500		SCISSORS ARM SET GR EAR, SCISSOR MOUN platform) HOSE, HYDRAULIC (3 as shown on chart, be HOSE, HYDRAULIC (1 as shown on chart, be HOSE KIT, 3020 SCISS	ITING (Welds I/8") (Bulk iten elow.) /4") (Bulk iten elow.) SORS ARM S	to underside n. Can be cu n. Can be cu SET	t to fit A.R.	
			(Not available. Order	I			
Key No.	From:	To:	Size:	Ferrule (Need 2)	Fitting (End 1)	Fitting (End 2)	
58 59	Bottom of scissors	Union tee	3/8" x 12 ft 11 in (3.9 m) 1/4" x 25 ft 1 in (7.64 m)		Item 66 Item 68	Item 69 Item 70	
60 61	Union tee	Bottom cylinder	3/8" x 41 in (1.02 m) 1/4" x 71 in (1.78 m)	Item 64 (2) Item 65 (2)	Item 66 Item 68	Item 67 Item 68	
62 63	Union tee	Top cylinder	3/8" x 23 ft 9 in (7.24 m) 1/4" x 24 ft 4 in (7.42 m)		Item 69 Item 70	Item 67 Item 68	
64 65 66 67 68 69 70 71 72 73 74	06-000030 06-155200 06-144900 06-145200 06-144300 06-212500 06-212400 06-021000 06-020800 08-800509 10-800510		FERRULE, HOSE E FERRULE, HOSE E STRAIGHT FITTING STRAIGHT FITTING 45° FITTING, HOSE 45° FITTING, HOSE UNION TEE, 37° M UNION TEE, 37° M CLAMP, HOSE (12 SCREW	END (4MP 3K G, HOSE ENI G, HOSE ENI E END (6C2-6 E END (4C2-4 ALE (6 JTX-5 ALE (4 JTX-5 .25" to 12.38"	PCA) D (6-6 FJX-S) D (6-8 FJX-S) D (4-4 FJX-S) FJX-S) FJX-S) dia.)	2 4 2 2 1 1 A.R. A.R.	
TITLI			TINGS AND HOSES,	MODEL 302	20 (PLATE 3	3 OF 3)	
PLAT NO.	^{re} 05.06	SIMON	I AERIALS INC.	RÉV. 08 JAN., 19			

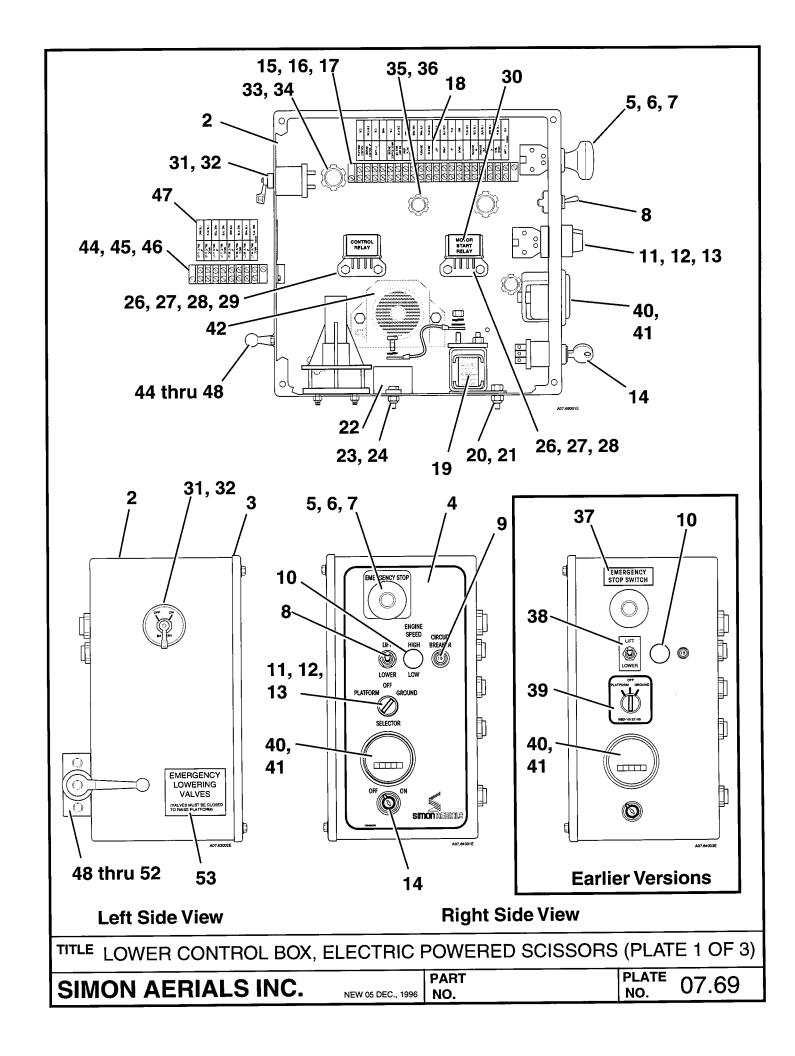


			PARTS LIST	
TEM	DART NO	SEE SECTION	DESCRIPTION	QTY.
ITEM 1	PART NO	SECTION	LOWER CONTROL BOX ASSEMBLY	1
'	354 3470		For Model 2515	<u> </u>
	354 3471		For Models 3020, 3715, 4612	<u> </u>
2	221 8770		BOX, LOWER CONTROL	
!			(14" [36 cm] wide x 12" [30 cm] high x 6" [15 cm] deep)	1 1
3	222 0620		COVER, LOWER CONTROL BOX	1
4	10-266000		PLACARD, GROUND CONTROL (One piece placard.	
!	1		See inset for individual decals used on earlier versions)	1
5	03-702000		BUTTON, EMERGENCY STOP	
1			(Red, "Pull to release" style)	
6	03-454900		BASE, CONTACT BLOCK	
7	03-437300		BLOCK, CONTACT (Normally closed)	
8	03-020500		SWITCH, TOGGLE (Lift/ Lower) (3 position, momentary	1
_ '	00 004700		contact, single pole, double throw) (replaces 03-607600)	' <u>'</u>
9	03-604700		BREAKER, CIRCUIT (15 Amp, 12 Volt) PLUG, CAP (1/2", plastic)	1
10	48-101202		(Earlier versions, to fill unused switch hole)	1
11	03-454800		SWITCH, ROTARY (Ground/ Platform selector)	
11	03-43-4000		(3 position, maintained contact)	1
12	03-454900		BASE, CONTACT BLOCK	1 1
13	03-437200		BLOCK, CONTACT (Normally open)	2
14	03-701900		SWITCH, KEY OPERATED (3 position, "On-Off-On")	1
15	03-610100		BLOCK, TERMINAL (20 position)	1
16	07-011335		CAP SCREW, SLOTTED PAN HEAD (#6-32 x 1/2")	2
17	07-050007		NUT, STOP (#6-32, Grade 5)	2
18			DECAL, 20 POSITION TERMINAL BLOCK	1
	10-265500		For versions except as listed below	
	10-279800		For versions with optional side by side outriggers, but	
			without optional traversing deck	
19			RELAY, MOTOR START	
	03-603600		Model 2515 (24 Volt DC) (std.) (replaces 03-720100)	ı
	22-101305		Model 2515 (12 Volt DC) (with optional 12 Volt system)	2
	22-101305		Model 3020, 3715, 4612 w/ 48 Volt system (12 Volt DC)	2
20	07-003001		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5) NUT, STOP (1/4"-20, Grade 5)	2
21	07-050014		NUT, STOP (1/4 -20, Grade 5)	-
TITI			DOX ELECTRIC DOWERED SCISSORS (PLATE 1.0	○E 3)

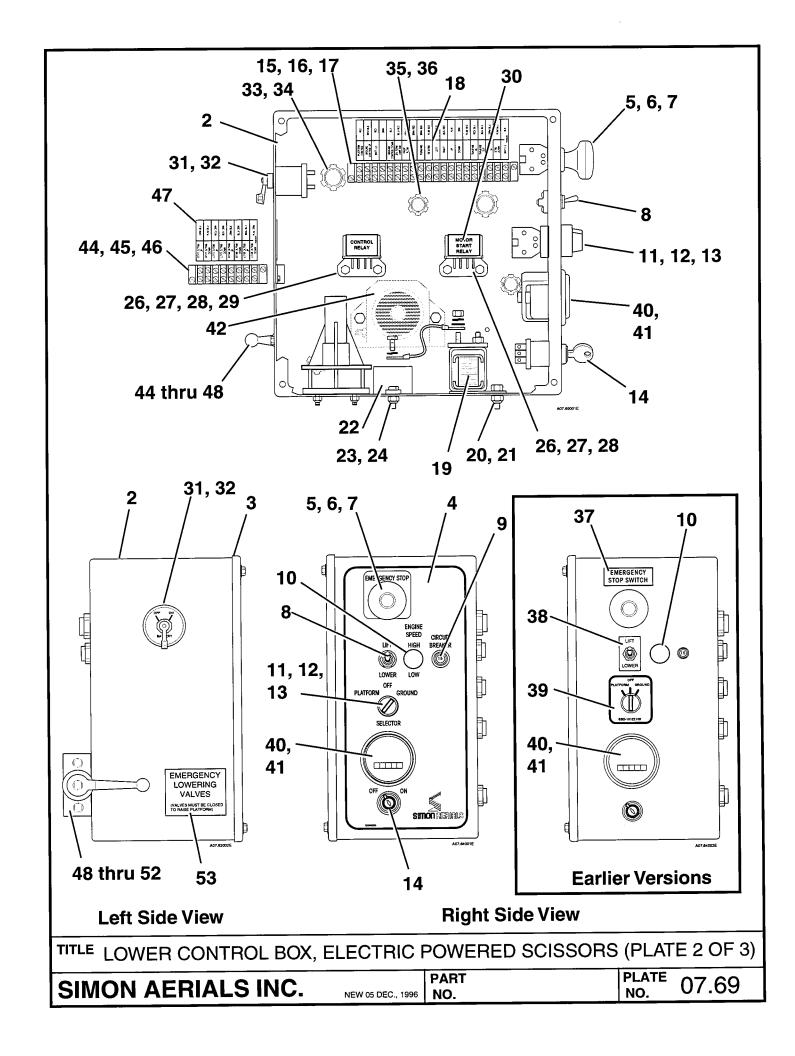
TITLE LOWER CONTROL BOX, ELECTRIC POWERED SCISSORS (PLATE 1 OF 3) PART PLATE

SIMON AERIALS INC. 07.69 NO.

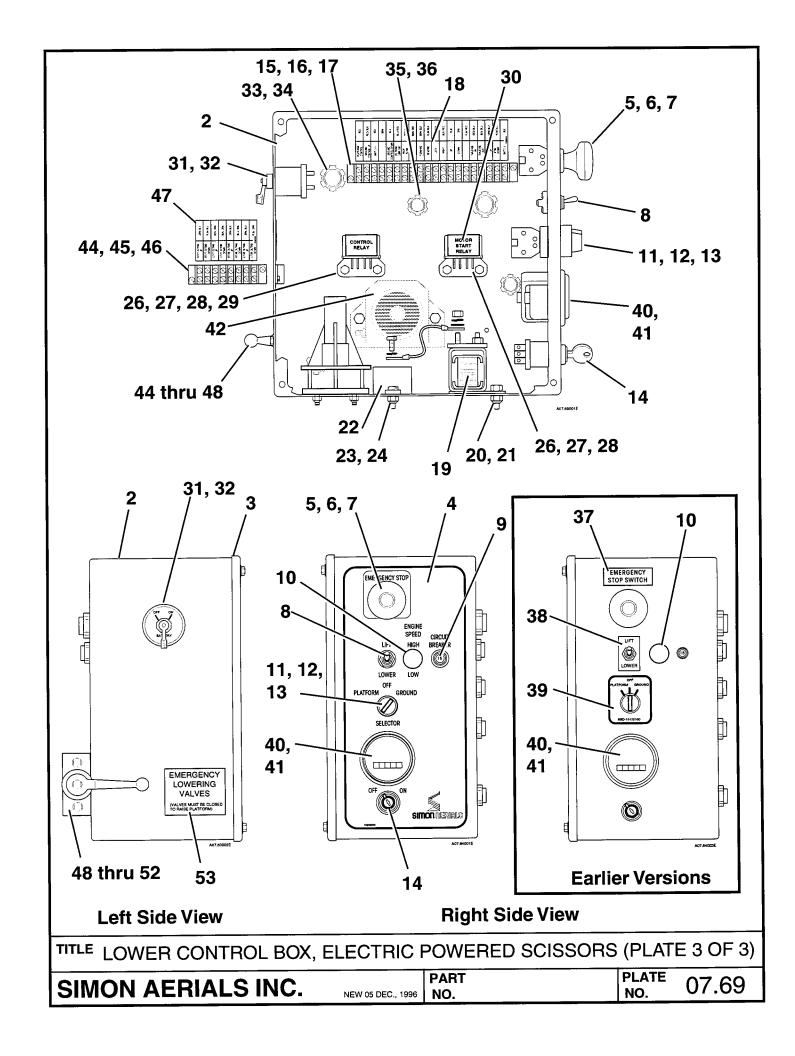
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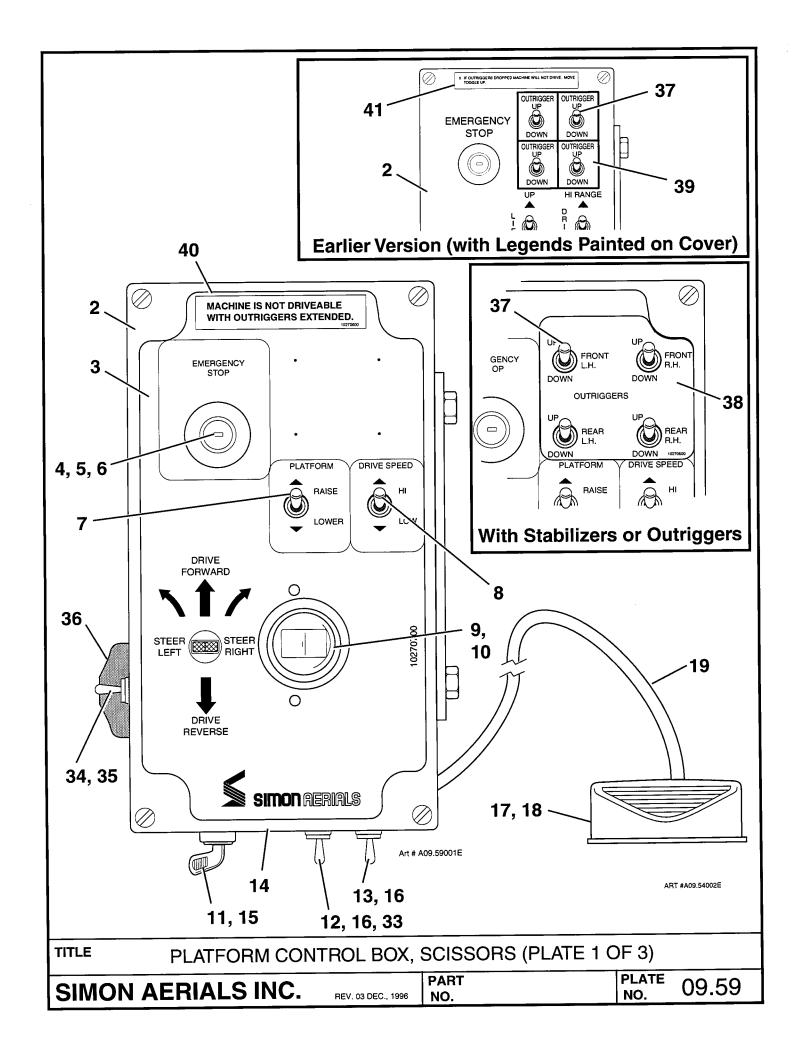
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			LOWER CONTROL BOX ASSEMBLY (continued)		
22	03-427800		BREAKER, CIRCUIT (150 Amp, 12 Volt)		
			(replaces 22-800118) (For Model 2515)	1	
	03-606700		BREAKER, CIRCUIT (200 Amp) (For Model 3020, 3715, 4612)	1	
23	07-011356		MACHINE SCREW, PAN HEAD (#10-24 x 1", Grade 5)	2	
24	07-050011		NUT, STOP (#10-24, Grade 5)	2	
25	03-603400		DIODE (3 Amp, 1000 Volt)	7	
26			RELAY, POWER		
	22-101306		For Model 2515 (24 Volt DC) (standard)		
			(On/ Off; Motor start control)	2	
	22-101306		For Model 2515 (with optional 12 Volt DC system)	1	
07	22-101306		For Model 3020, 3715, 4612 (w/ 48 Volt DC system)	1 4	
27	07-003001 07-050014		CAP SCREW, HEX HEAD (1/4"-20 x 1/2", Grade 5) NUT, STOP (1/4"-20, Grade 5)	4	
28 29	10-265700		DECAL, "CONTROL RELAY"	1	
30	10-265900		DECAL, "MOTOR START RELAY"	1	
31	22-215116		SWITCH, MOTOR DISCONNECT	1	
32	03-074000		CABLE, GROUND (Black, 9-3/4" long)	1	
33	03-700500		GRIP, CORD (Plastic, 3/4", with .545 to .708" dia. seal)	2	
34	03-055600	•••	NUT, CONDUIT LOCK (3/4")	2	
35	03-700400		GRIP, CORD (Plastic, 1/2", with .236 to .472" dia. seal)	4 4	
36	03-055500		NUT, CONDUIT LOCK (1/2")	4	
			The following items were found on earlier versions of the		
			Lower Control Box Assembly:		
			Lower Control Box / teconicity		
37	47-100224		DECAL, "EMERGENCY STOP SWITCH"		
			(used on earlier versions with separate decals)	1	
38	10-209500		PLATE, "LIFT/ LOWER" (Silver type on Black) (earlier style)	1	
1	10-209500		DECAL, "UP/ DOWN" (Black type on White, with arrows)		
	10.005000		(Some earlier versions. Replaced by "Lift/ Lower" plate.) DECAL, "PLATFORM/ OFF/ GROUND" (earlier versions)	1	
39	10-225800		(some versions were labelled "10-122100")	4	
			(Some versions were labelled 10 (22100)		
	TITLE LOWER CONTROL BOX, ELECTRIC POWERED SCISSORS (PLATE 2 OF 3)				
PLAT	[©] 07.69	SIMO	NAERIALS INC. NEW 05 DEC., 1996 NO.		
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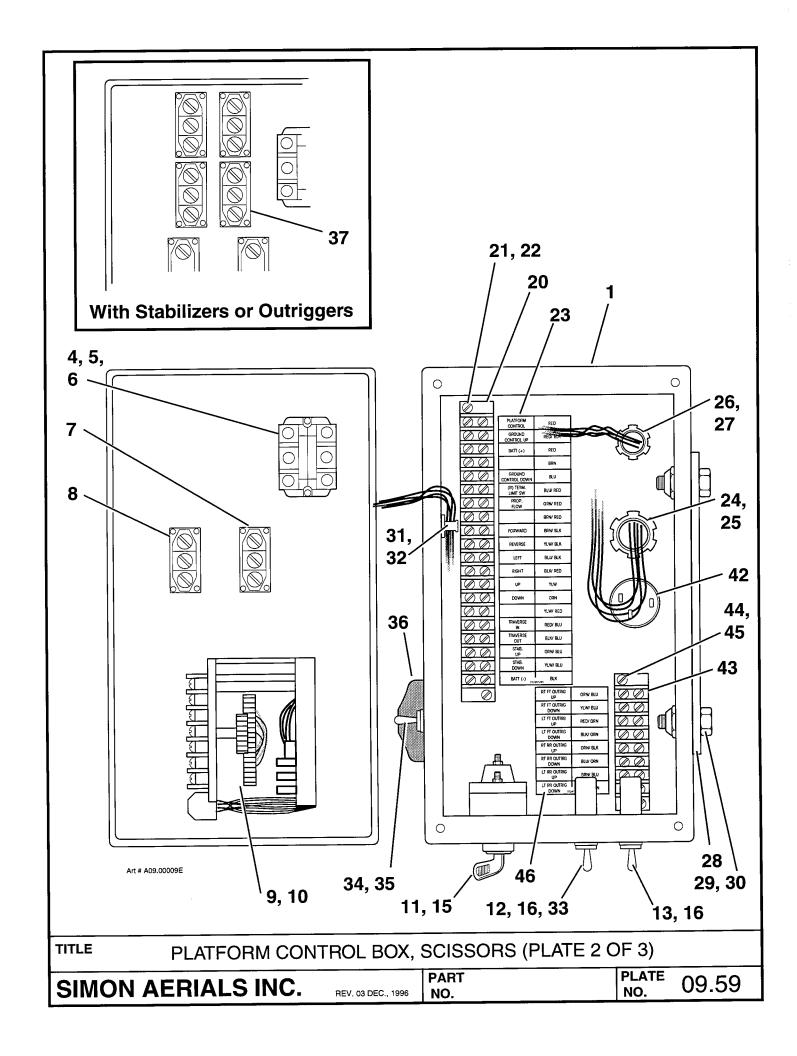
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			The following items are not included with the Lower Control Box Assembly:		
40	03-030500		METER (option) without Battery Indicator or Low Voltage Cutout: HOUR METER (24 Volt) with Battery Indicator, but without Low Voltage Cutout:	1	
	03-424100		METER, BATTERY (with hour meter) For versions with optional Low Voltage Cutout		
41	03-498800 03-498900		METER, BATTERY (with hour meter) INSTALLATION KIT, BATTERY METER (For versions with optional Low Voltage Cutout)	1	
42	03-466100		ALARM, MOVEMENT (97 db) (option)	1	
43 44	03-987100		SENSOR, LEVEL (3°) (option) (replaces 03-610800) BLOCK, TERMINAL (8 position) (when both outriggers and traversing deck are fitted)	1	
45	07-011335		CAP SCREW, SLOTTED PAN HEAD (#6-32 x 1/2")	2 2	
46 47	07-050007 10-280100 10-280200		NUT, STOP (#6-32, Grade 5) DECAL, 8 POSITION TERMINAL BLOCK For versions with optional side by side outriggers, and with optional traversing deck For versions with optional independent outriggers, with or without optional traversing deck	1	
48 49 50 51 52	222 0160 06-003500 07-003023 07-062015 07-050015		VALVE, EMERGENCY LOWERING (with mounting bracket) 90° ELBOW, MALE 37° TO NPT (4-4 CTX-S) (4MJ-4MP 90°) CAP SCREW, HEX HEAD (5/16"-18 x 3/4", Grade 5) WASHER, FLAT (5/16") NUT, LOCK (5/16"-18, Grade 5, Nylock)	1 1 2 1	
53	10-259100		DECAL, "EMERGENCY LOWERING VALVES" (some earlier versions were labelled "47-100321")	1	
TITLE		ONTROL	BOX, ELECTRIC POWERED SCISSORS (PLATE 3 C	OF 3)	
PLAT NO.	E 07.69	SIMO	N AERIALS INC. NEW 05 DEC., 1996 PART NO.		



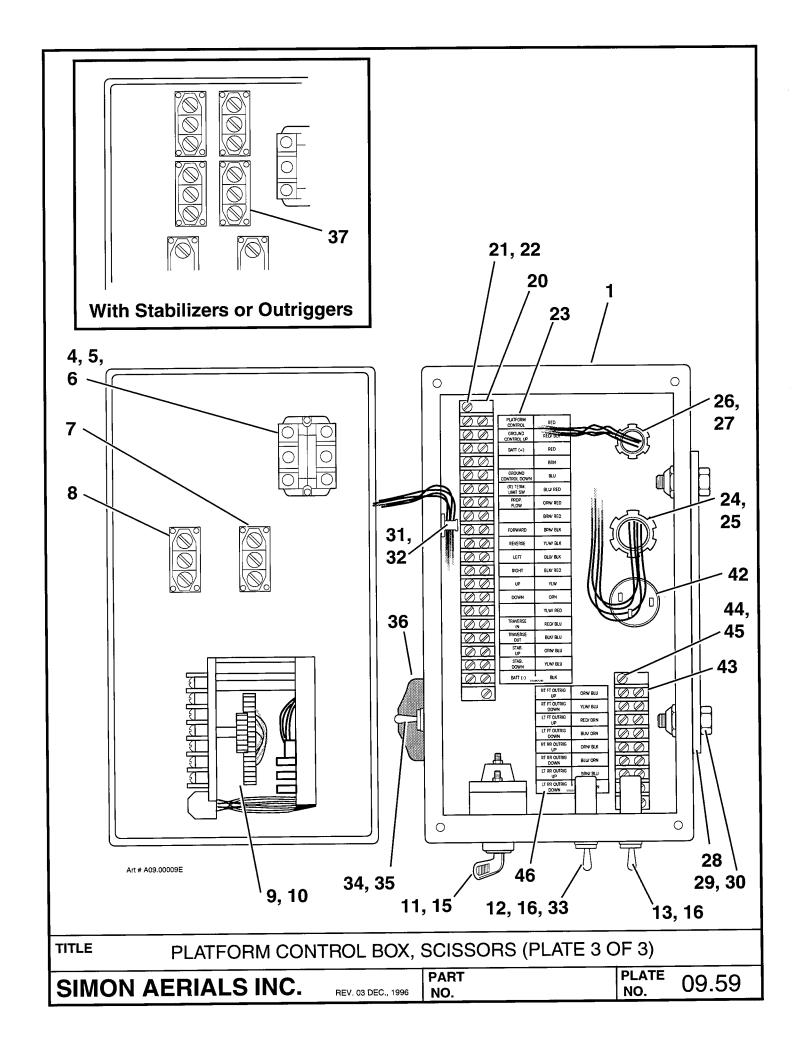
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			PLATFORM CONTROL BOX ASSEMBLY		
1	352 6710		Electric powered scissors, without stabilizers or	1	
			outriggers, and without optional traversing deck		
	352 6720		Fuel powered scissors, without stabilizers or outriggers,		
_	201.0726		and without optional traversing deck BOX, PLATFORM CONTROL (Upper control box)	1	
2	221 8790		Plain box, for use with decal, Item 3 (current version)		
			White, with black painted legends (earlier versions)		
3	10-272700		PLACARD, PLATFORM CONTROL (for current version)	1	
4	03-702000		BUTTON, EMERGENCY STOP (Red, "Pull to release")	1	
5	03-454900		BASE, SWITCH MOUNTING	1 1	
6	03-437300		BLOCK, CONTACT (Normally closed)	2	
7	03-020500		SWITCH, TOGGLE (Lift/ Lower)	1 .1	
			(3 position, momentary contact, single pole)	1 1	
8	03-020400		SWITCH, TOGGLE (Drive speed)	1	
	20.100100		(2 position, maintained contact, single pole) LEVER, DRIVE CONTROL (Joystick)		
9	03-483100		MACHINE SCREW, ROUND HEAD	1 '1	
10	07-013414		(#10-32 x 1/2", Grade 2)	2	
11	03-619300		SWITCH, IGNITION (4 position)		
I ''	00-013000		(for fuel powered scissors only)	1	
12	03-427600		SWITCH, TOGGLE (Choke) (for fuel powered scissors		
			only) (2 position, momentary contact, single pole)	1	
13	03-020400		SWITCH, TOGGLE (Engine speed) (for fuel powered		
			scissors) (2 position, maintained contact, single pole)	1 1	
14	10-231700		DECAL, "ENGINE, CHOKE/ SPEED" (with fuel powered	4	
			scissors only) PLUG, HOLE (for leftmost hole, electric scissors)		
15	00.450700		1/2" (earlier versions)	'	
	03-453700 03-490000		3/4" (later versions)		
16	03-453700		PLUG, HOLE (1/2") (for electric powered scissors only)	2	
17	03-700700		SWITCH, FOOT OPERATED	1	
18	03-700701		MICROSWITCH	1	
19	03-085900		CABLE, ELECTRICAL (SJO, 3 conductor, #12 AWG)		
			(Bulk item, order as needed. 4 ft [1.2 m] required here)	A.R.	
		ļ ļ		!	
TITL	E PL	ATFORM	M CONTROL BOX, SCISSORS (PLATE 1 OF 3)	_	
PLA	TE 09.59	SIMO	NAERIALS INC. REV. 03 DEC., 1996 PART NO.		
NO.	03.03	SHVIC	NACRIALS INC. REV. 03 DEC., 1996 NO.		



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			PLATFORM CONTROL BOX ASSEMBLY (continued)			
20	03-610100		STRIP, TERMINAL (20 position)	1 1		
21	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2", Grade 2)	2 2		
22	07-050007		NUT, LOCK (#6-32, Grade 5) DECAL, 20 POSITION TERMINAL BLOCK	1		
23	10-265500		For electric powered versions except as listed below	'		
	10-279900		For engine powered versions except as listed below			
	10-280000		For versions with optional side by side outriggers, but			
			without optional traversing deck			
24	03-700500		GRIP, CORD (3/4", Plastic, for .545" to .708" cable)	1		
25	03-055600		NUT, CONDUIT LOCK (3/4") GRIP, CORD (1/2", Plastic, for .236" to .472" cable)			
26 27	03-700400 03-055500		NUT, CONDUIT LOCK (1/2")	1		
28	222 1720		BRACKET, CONTROL BOX MOUNTING			
~	222 1720		(to fit 1-1/2" [38 mm] square rail)	1		
29	07-003004		CAP SCREW, HEX HEAD (1/4"-20 x 7/8", Grade 5)	2		
30	07-050014		NUT, LOCK (1/4"-20, Grade 5)	2 A.R.		
31	03-439000		TIE, CABLE (3.62" [92 mm] long) TIE, CABLE (7.4" [188 mm] long)	A.R.		
32	03-064000 03-064100		MOUNT, CABLE TIE	A.R.		
1 32	00-00-100		Web, 6/10-2-11-			
ļ						
1						
	100					
PLATFORM CONTROL BOX, SCISSORS (PLATE 2 OF 3)						
PLA	TE 09.59	SIMC	NAERIALS INC. REV. 03 DEC., 1996 NO.			
NO.	30.00					



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
			The following items are not included with the Platform			
			Control Box:			
33	10-207700		DECAL, "GLOW PLUG" (With optional Diesel engine.			
			Mounts over "Choke" toggle.)	1		
	00 000500		SWITCH, TOGGLE (with traversing deck option)			
34	03-020500		(3 position, momentary contact, single pole)	1 1		
35	11-228900		DECAL, "TRAVERSE PLATFORM, IN/ OUT" (current)	1		
	11-201300		DECAL, "TRAVERSING DECK, IN/ OUT" (earlier version)	1 1		
36	03-400700		GUARD, SWITCH (Traversing deck)	'		
37	03-020500		SWITCH, TOGGLE (with stabilizers or outrigger option)	_		
			(3 position, momentary contact, single pole)	A.R.		
38	10-270300		DECAL, "OUTRIGGER, UP/ DOWN" (current version) when one outrigger switch is fitted			
	10-270400		when two outrigger switches are fitted			
	10-270500		when four outrigger switches are fitted	, _		
39	47-101270		DECAL, "OUTRIGGER, UP/ DOWN" (earlier version) DECAL, "MACHINE IS NOT DRIVEABLE " (current)	A.R. 1		
40 41	10-270600 47-101266		DECAL, "5. IF OUTRIGGERS DROPPED " (earlier)	1		
42	03-601800		ALARM, TILT (option)	1		
	00.744000		BLOCK, TERMINAL (8 position)			
43	03-744000		(when both outriggers and traversing deck are fitted)	1		
44	07-011335		MACHINE SCREW, PAN HEAD (#6-32 x 1/2", Grade 2)	2		
45	07-050007		NUT, LOCK (#6-32, Grade 5) DECAL, 8 POSITION TERMINAL BLOCK	2		
46	10-280100		For versions with optional side by side outriggers, and			
	10 200.00		with optional traversing deck			
	10-280200		For versions with optional independent outriggers, with			
			or without optional traversing deck			
TITL	PLATFORM CONTROL BOX, SCISSORS (PLATE 3 OF 3)					
PLA NO.	^{TE} 09.59	SIMC	NAERIALS INC. REV. 03 DEC., 1996 PART NO.			



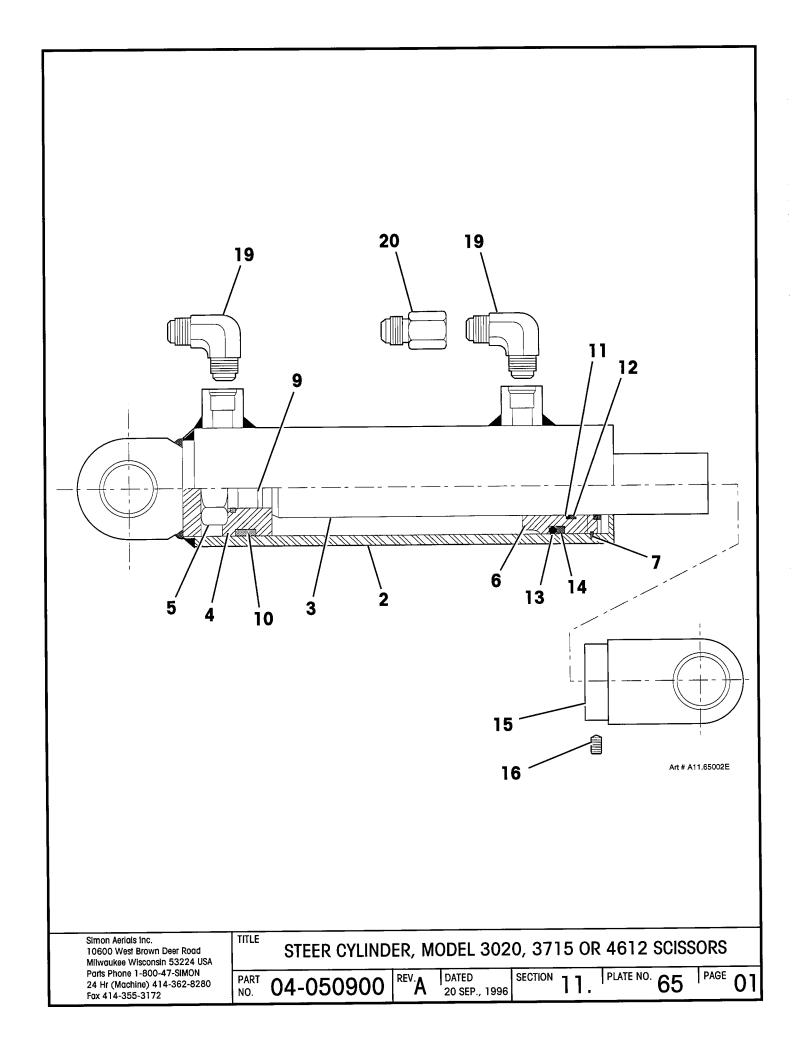
			PARTS LIST	
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
1	04-050900		CYLINDER, STEER (2-1/2" bore, 1-1/8" rod, 6" stroke)	1
2			BODY, CYLINDER (2-1/2" [64 mm] bore)	1
3		1	ROD (1-1/8" [29 mm] dia.)	1
4			PISTON	1
5			NUT, HEX JAM	1
6			GUIDE, ROD	1
7			RING, RETAINING (Internal)	1
8	04-050901		SEAL KIT	1
9	0.0000.		"O"-RING	1
10			SEAL, "DURA PAK"	1
11			SEAL, "U" CUP	1
12			RING, WIPER	1
13			"O"-RING	1
14			RING, BACKUP	1
15			CLEVIS (Rod end)	1
16			SET SCREW	1
17	223 1170		PIN, CLEVIS (1" x 2-7/8" long)	2
18	42-101060		PIN, COTTER (Hairpin) (1/8" x 2-1/2") (replaces 3/16" x 3-3/4"	_
10	42-101000		cotter pin 07-118800 used earlier)	2
			Coner pin 07-1 10000 assa samony	-
			The following items are not included with Steer Cylinder 04-050900:	:
			AND THE COLUMN TO THE TO HER (4 O OTY C) (CME AM LOCC)	1
19	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S) (6MP-4MJ 90°)	2
20	24-100696		RESTRICTOR (.060" [1.52 mm] orifice)	
			Simon Aerials Inc.	
TITLE	STEER CYL	INDER, M	ODEL 3020, 3715 OR 4612 SCISSORS 10600 West Brown Dee Milwaukee Wisconsin 53	

PAGE 01 REV. A DATED 20 SEP., 1996 NO. 04-050900

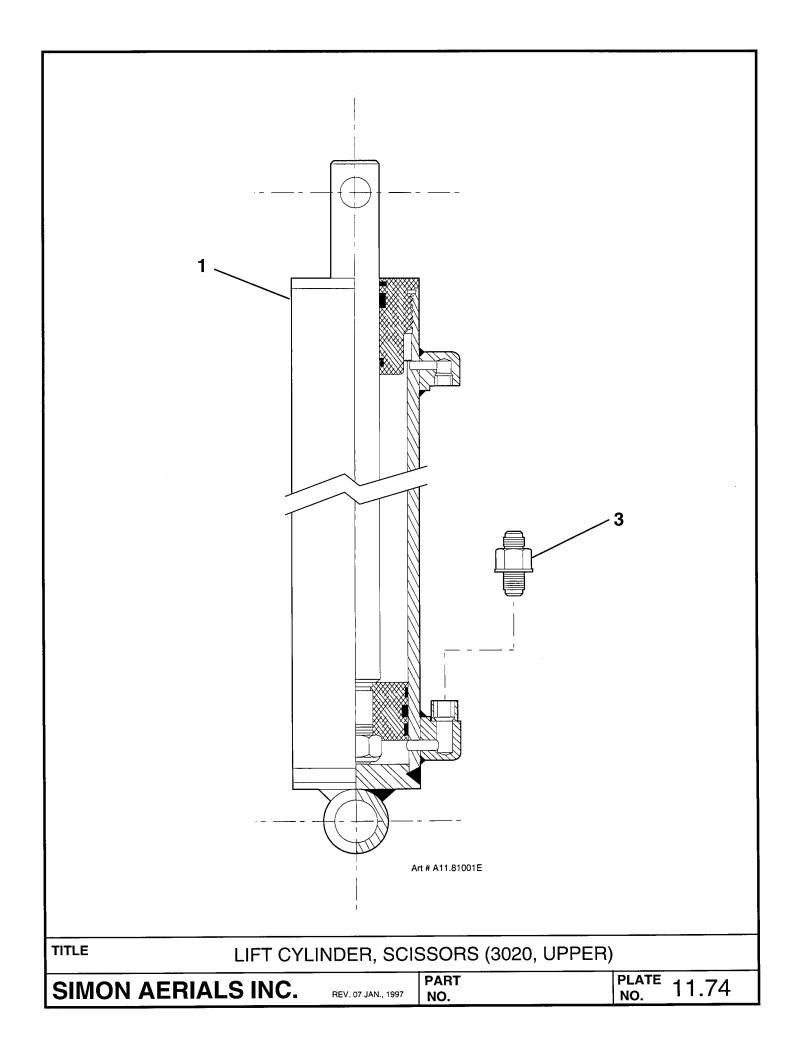
PLATE NO. 65

SECTION 11.

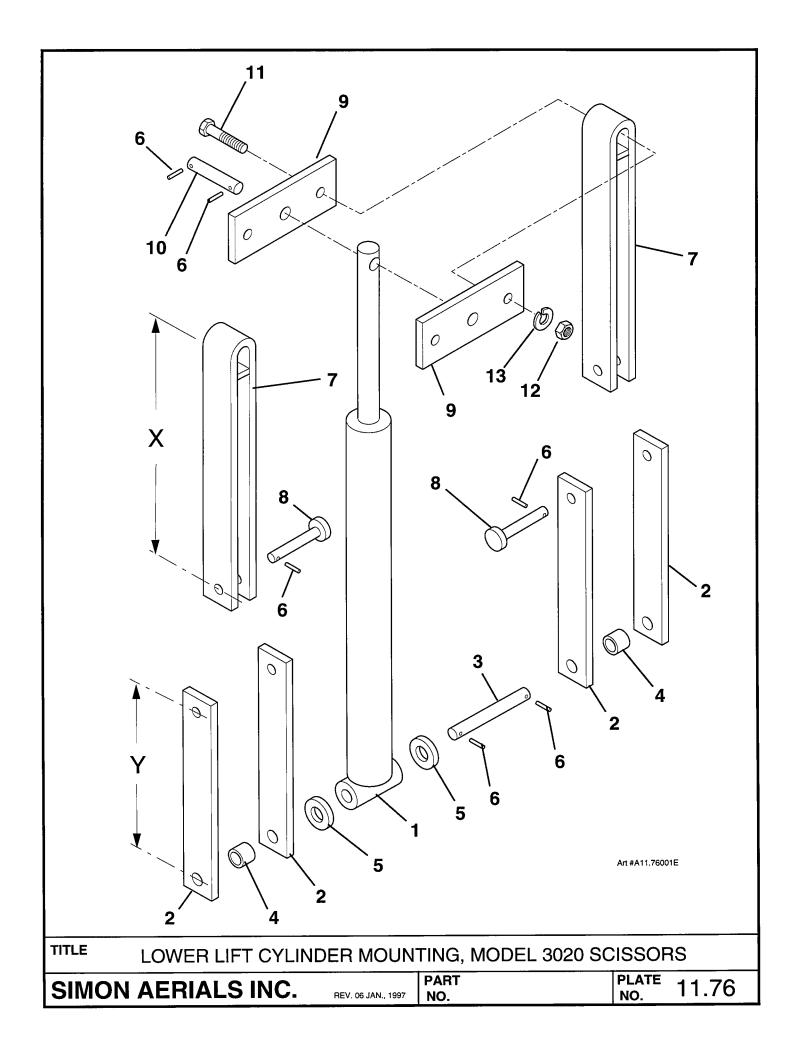
10600 West Brown Deer Road Milwaukee Wisconsin 53224 USA Parts Phone 1-800-47-SIMON 24 Hr (Machine) 414-362-8280 Fax 414-355-3172



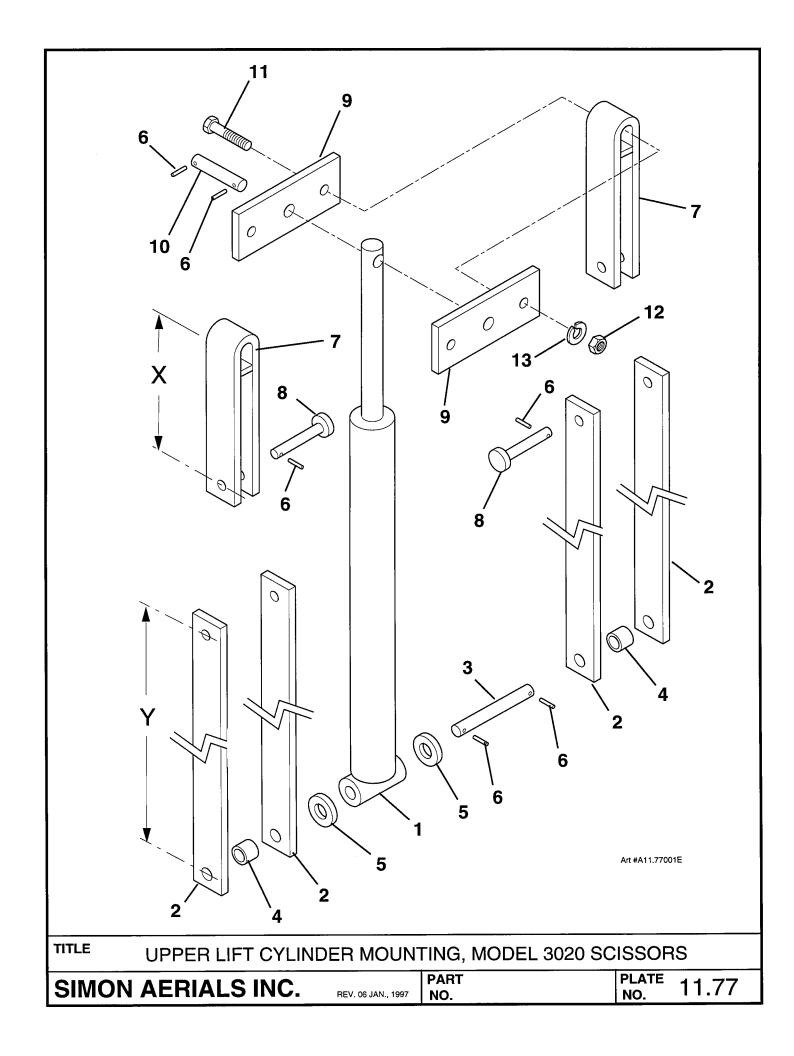
PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			CYLINDER, LIFT (3" bore, 36" stroke, 2" rod) (Cylinder is marked "BMP 638")	1		
	04-058400		Current version. Base end is drilled for 1.38" [35 mm]			
	04.050000		pin, Rod end is drilled for 1.25" [32 mm] pin. Earlier version (no longer available). Both Base and			
	04-052900		Rod ends are drilled for 1.00" [25 mm] pins.			
			Note: See Plate 11.101 for Lift Cylinder Mounting Kit			
			required when replacing earlier Lift Cylinders.			
0	04.052001		SEAL KIT	.		
2	04-052901 03-611500		FUSE, VELOCITY 5 Gal [18.9 L]/ min. (Color-coded Black)	i		
TITL	<u> </u>	115	I Γ CYLINDER, SCISSORS (3020, UPPER)			
	-		DART			
PLA ⁻ NO.	^{TE} 11.74	SIMO	N AERIALS INC. REV. 07 JAN., 1997 NO.			



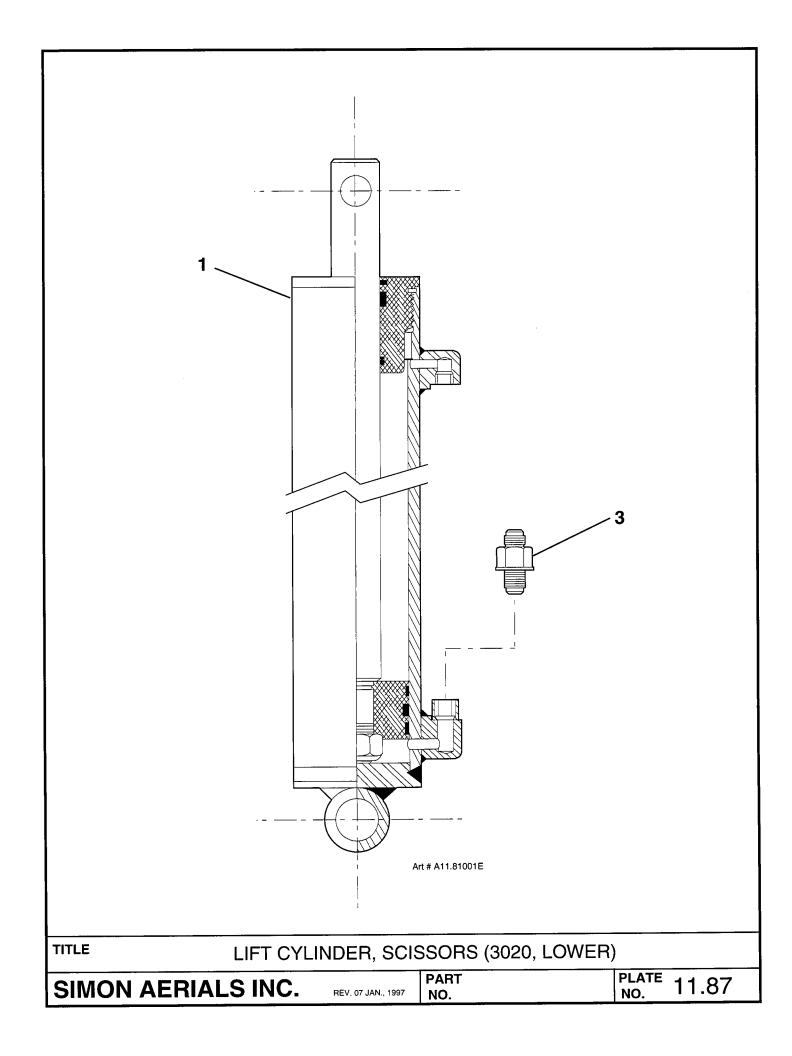
	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
			LOWER LIFT CYLINDER MOUNTING (Earlier version. For recommended upgrade kit, see Plate 11.101.)				
			For recommended upgrade kit, see Flate 11.101.				
1	04-052800	11.87	CYLINDER, LIFT (Lower)	1			
2	221 1840 221 2000		STRAP, LIFT CYLINDER (ref. "Y" = 14-1/2" [36.8 cm]) PIN, LIFT CYLINDER (Base end) (1-1/4" [32 mm] dia.)	4			
4	221 2140		SPACER	2			
5	07-062025		WASHER, FLAT (1-1/4")	2 8			
6 7	07-100000 221 1730		ROLL PIN (5/16" x 2") CLEVIS, LIFT CYLINDER (ref. "X" = 26-1/4" [.667 M])	2			
8	222 3610		PIN, CLEVIS (3/4" [19 mm] dia.)	4			
10	221 1890 221 1940		PLATE, LIFT CYLINDER YOKE (8" x 2-1/2" x 3/4" thick) PIN, LIFT CYLINDER (Rod end) (1-1/4" [32 mm] dia.)	2			
11	221 3220		BOLT, YOKE	2			
12	07-090011		NUT, STOP (1"-8, Grade 5)	2 2			
13	07-100500		WASHER, HELICAL LOCK (7/8")	2			
TITL	E LOWE	R LIFT C	CYLINDER MOUNTING, MODEL 3020 SCISSORS				
PLA			NI A EDIAL CINC PART				
NO.	11.70	SIIVIO	NAERIALS IIVC. REV. 06 JAN., 1997 NO.				



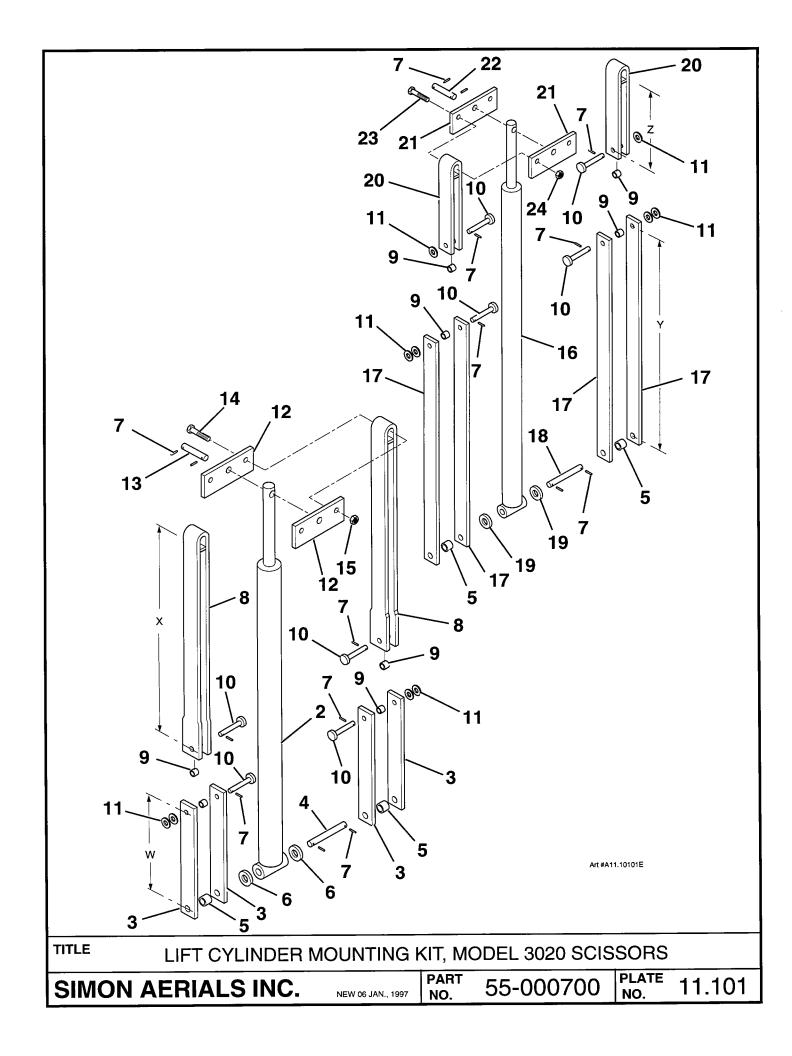
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			UPPER LIFT CYLINDER MOUNTING (Earlier version. For recommended upgrade kit, see Plate 11.101.)		
			·		
1	04-052900	11.74	CYLINDER, LIFT (Upper) STRAP, LIFT CYLINDER (ref. "Y" = 30" [.75 M])	1	
2 3	221 1800 221 1930		PIN, LIFT CYLINDER (Base end) (1" [25 mm] dia.)	1	
4	221 2130		SPACER	2	
5 6	07-060024 07-100000		WASHER, FLAT (1", SAE) ROLL PIN (5/16" x 2")	2 8	
7	221 1780		CLEVIS, LIFT CYLINDER (ref. "X" = 9-3/4" [24.8 mm])	2	
8	222 3610		PIN, CLEVIS (3/4" [19 mm] dia.)	4 2	
9 10	221 1880 221 1920		PLATE, LIFT CYLINDER YOKE (6-5/8" x 2" x 5/8" thick) PIN, LIFT CYLINDER (Rod end) (1" [25 mm] dia.)	1	
11	221 3220		BOLT, YOKE	2	
12 13	07-100400 07-100500		NUT, STOP (7/8"-14, Grade 5) WASHER, HELICAL LOCK (7/8")	2 2	
10	0, 10000				
TITLE UPPER LIFT CYLINDER MOUNTING, MODEL 3020 SCISSORS					
DIATE					
NO.	⁶ 11.77	SIMO	N AERIALS INC. REV. 06 JAN., 1997 NO.		



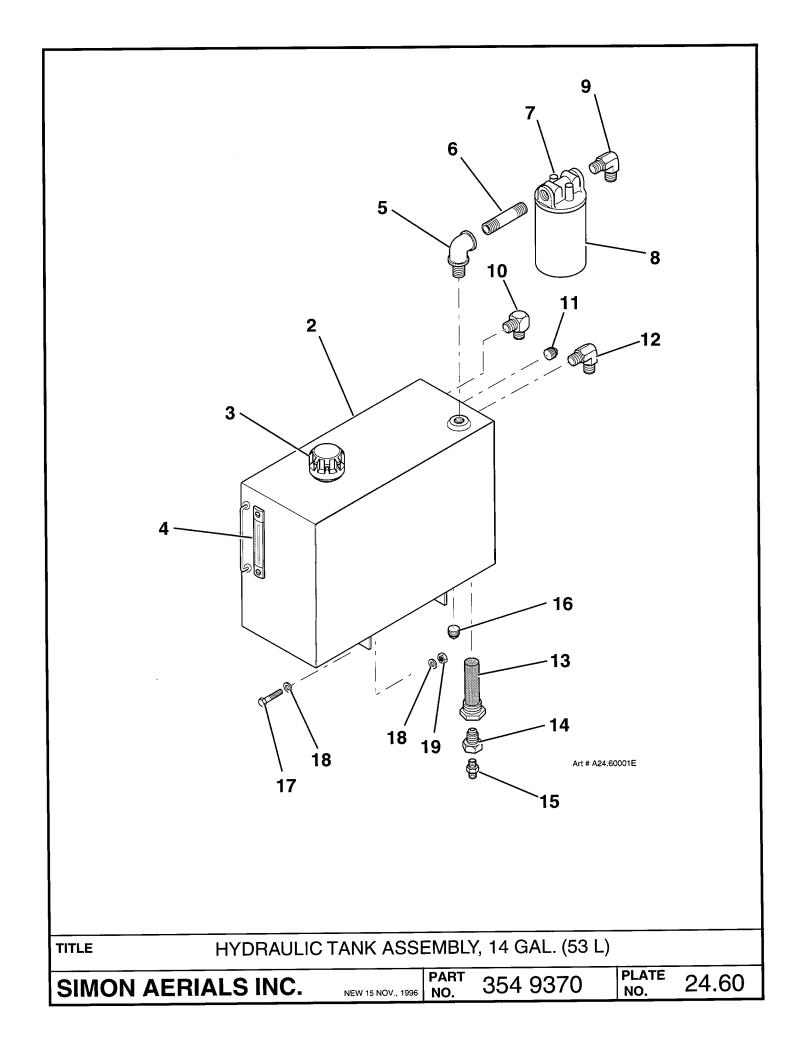
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			CYLINDER, LIFT (4" bore, 36" stroke, 2" rod) (Cylinder is marked "BMP 5636")	1	
	04-058500		Current version. Base end is drilled for 1.50" [38 mm]		
	04-052800		pin, Rod end is drilled for 1.38" [35 mm] pin. Earlier version (no longer available). Both Base and		
			Rod ends are drilled for 1.25" [32 mm] pins.		
	į		Note: See Plate 11.101 for Lift Cylinder Mounting Kit		
			required when replacing earlier Lift Cylinders.		
2	04-052701		SEAL KIT	1	
3	03-611600		FUSE, VELOCITY 6 Gal [22.7 L]/ min. (Color-coded Blue)	1	
	481				
TITLE LIFT CYLINDER, SCISSORS (3020, LOWER)					
PLATE 11 07 CIMON AEDIAL CINC PART					
NO. 11.87 SIMON AERIALS INC. REV. 07 JAN., 1997 NO.					



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	55-000700		LIFT CYLINDER MOUNTING KIT (Later versions.		
			Recommended as upgrade to earlier versions.)	1	
2	04-058500	11.87	CYLINDER, LIFT (Lower) (4" bore, 36" stroke)	1	
3	237 0090		STRAP, LOWER LIFT CYLINDER		
			(ref. "W" = 14.63" [37.2 cm])	4	
4	237 0040		PIN, LOWER LIFT CYLINDER (Base end)		
			(1.50" [38 mm] dia. x 8.63" [21.9 cm] long)	1	
5	237 0170		SPACER (1.6" [40 mm] I.D. x .75" [19 mm] long)	4	
6	07-062026		WASHER, FLAT (1-1/2")	2	
7	07-100000		ROLL PIN (5/16" x 2")	16	
8	237 0070		CLEVIS, LOWER LIFT CYLINDER		
	00 000100		(ref. "X" = 26.25" [66.7 cm])	8	
9	08-083100 237 0050		BUSHING (.875" I.D. x .75" long) PIN, CLEVIS (0.88" [22 mm] dia. x 2.0" [52 mm] long)	8	
10	07-060023		WASHER, FLAT (7/8", SAE)	10	
12	236 8990		PLATE, LOWER LIFT CYLINDER YOKE	10	
12	200 0000		(3" x 8" x .88" thick [76 x 203 x 22 mm])	2	
13	237 0010		PIN, LOWER LIFT CYLINDER (Rod end)		
. •			(1.38" [35 mm] dia. x 4.81" [12.2 cm] long)	1	
14	07-123500		CAP SCREW, HEX HEAD (1-1/8"-7 x 5", Grade 5)	2	
15	07-123600		NUT, LOCK (1-1/8"-7, Grade 5)	2	
16	04-058400	11.74	CYLINDER, LIFT (Upper) (3" bore, 36" stroke)	1	
17	237 0080		STRAP, UPPER LIFT CYLINDER		
			(ref. "Y" = 30.25" [76.8 cm])	4	
18	237 0030		PIN, UPPER LIFT CYLINDER (Base end)		
			(1.38" [35 mm] dia. x 7.63" [19.3 cm] long)	1	
19	07-123400		WASHER, FLAT (1-3/8")	2	
20	237 0060		CLEVIS, UPPER LIFT CYLINDER		
	007.0000		(ref. "Z" = 9.75" [24.8 cm]) PLATE, UPPER LIFT CYLINDER YOKE	2	
21	237 0000		(2.5" x 6.63" x .63" thick [63 x 168 x 16 mm])	2	
22	237 0020		PIN, UPPER LIFT CYLINDER (Rod end)	-	
22	237 0020		(1.25" [32 mm] dia. x 4.31" [10.9 cm] long)	1	
23	07-122900		CAP SCREW, HEX HEAD (1"-8 x 4-1/2", Grade 5)	2	
24	07-123000		NUT, LOCK (1"-8, Grade 5)	2	
				1	
TITLE LIFT CYLINDER MOUNTING KIT, MODEL 3020 SCISSORS					
PLATE 11.101 SIMON AERIALS INC. NEW 06 JAN., 1997 NO. 55-000700					
NO. 11.101 SINON AERIALS INC. NEW 06 JAN., 1997 NO. 55-000700					



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	354 9370		TANK ASSEMBLY, HYDRAULIC	1	
2	01-103500		TANK, HYDRAULIC (14 Gal [53 L] capacity)	1	
3	01-097800		CAP ASSEMBLY, HYDRAULIC TANK	.	
			(includes 10 micron filter, breather and strainer)	1	
4	01-074100		GAUGE, FLUID LEVEL (with thermometer)		
5 6	11-300800 11-201200		90° STREET ELBOW (3/4" NPT) NIPPLE, PIPE (3/4" x 2-1/2")		
7	01-081500		FILTER, BYPASS	¦	
8	01-081501		ELEMENT, FILTER, (Spin-on, 10 Micron)		
9	06-004900		90° ELBOW, MALE 37° TO NPT (12 CTX-S)		
			(12MP-12MJ 90°)	1	
10	06-004000		90° ELBOW, MALÉ 37° TO NPT (6-6 CTX-S)		
			(6MP-6MJ 90°)	1 1	
11	11-303000		PIPE PLUG, SQUARE HEAD (3/8" NPT)	2	
12	06-216400		90° ELBOW, MALE 37° TO NPT (4-6 CTX-S)		
			(6MP-4MJ 90°)	1	
13	01-104200		STRAINER, SUCTION (25 Gal [94.6 L]/ Min, 100 media)		
14	11-062200		BUSHING, REDUCER (1-1/4" to 3/4" NPT) CONNECTOR, MALE 37° TO NPT (8-12 FTX-S)		
15	06-001400		(12MP-8MJ)	1	
16	11-075400		PIPE PLUG, SQUARE HEAD (1/4" NPT)		
10	11-075400		THE TEOR, OGOMINETIEMS (174 TVI 1)		
			The following Items are not included with the Tank Assembly		
17	07-003023		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4	
18	07-062015		WASHER, FLAT (5/16")	8	
19	07-050015		NUT, LOCK (5/16"-18, Grade 5, Nylock)	4	
				j	
7171			ALULO TANIK ACCEMBLY 44 CAL (50 L)		
TITLE HYDRAULIC TANK ASSEMBLY, 14 GAL. (53 L)					
PLAT NO.	E 24.60	SIMO	N AERIALS INC. NEW 15 NOV., 1996 NO. 354 93	70	
LIVO.			110.		



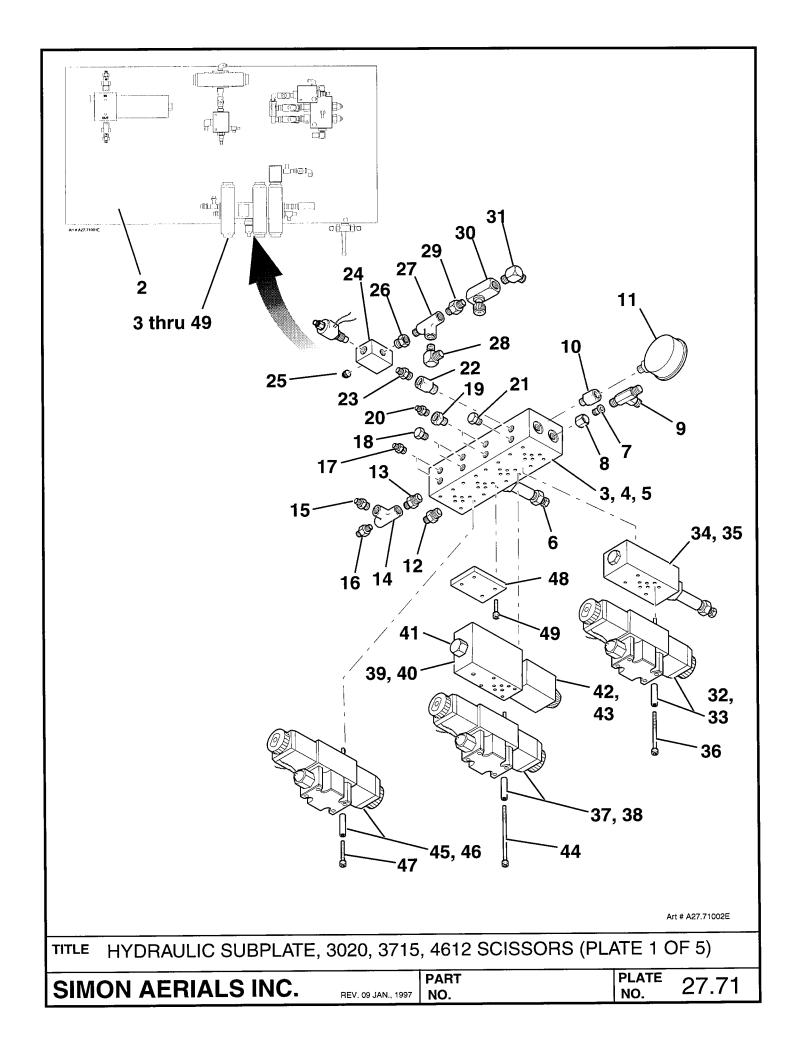
	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	354 9390		HYDRAULIC SUBPLATE ASSEMBLY		
·			(For models 3020, 3715 or 4612G or RT Scissors with		
			24 HP Gas Engine.)		
			(For models 3020, 3715 or 4612E Scissors.)		
2	222 5630		PLATE, HYDRAULIC COMPONENT MOUNTING	1	
3	01-108600		MANIFOLD, 4 STATION (replaces 01-101600)	1	
4	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4	
5	07-065015		WASHER, HELICAL LOCK (5/16")	4	
6	01-102300		CARTRIDGE, PRESSURE RELIEF	1	
7	06-060100		REDUCER, TUBE END (6-4 TRTX-S) (4MJ-6FJ)]]]	
8			NUT, TUBE (6 BTX-S)	1	
9	06-050000		BRANCH TEE, MALE "O"-RING TO 37° (6 S50X-S) (6MJ-6MJ-6MB)	1	
10	06-086600		ADAPTER, "O"-RING TO FEMALE NPT	'	
10	00-00000		(6-1/4 F50G-S) (6MB-4FP)	1	
11	01-021000		GAUGE, HYDRAULIC PRESSURE	,	
- 11	01-021000		(0-4000 PSI [0-28,000 kPa]) (1/4" Male NPT)	11	
12			FITTING (6MB)	1 1	
13	06-400300		ADAPTER, MALE "O"-RING TO MALE NPT (6MB-6MP)	1	
14	06-072800		FEMALE PIPE TEE (3/8 MMO-S) (6FP-6FP-6FP)	1 1	
15	06-000900		CONNECTOR, MALÈ 37° TO NPT (6-6 FTX-S)		
			(6MP-6MJ)	1	
16	06-001100		CONNECTOR, MALE 37° TO NPT (8 FTX-S) (6MP-8MJ)		
17	06-039500		ADAPTER, "O"-RING TO 37° (4-6 F5OX-S) (6MB-4MJ)	2	
18			FITTING	2	
	24-100430		PLUG (6MB) (without optional Traversing Deck)		
			FITTING (6MB) (with optional Traversing Deck)	4	
19			FITTING, 6MB-6FP		
20			CONNECTOR, MALE 37° TO NPT (8 FTX-S) (6MP-8MJ)	4	
21 22	24-100430 06-086600		PLUG (6MB) ADAPTER, "O"-RING TO FEMALE NPT		
22	06-066600		(6-1/4 F50G-S) (6MB-4FP)	1 1	
23	06-216500		NIPPLE, PIPE (3/8 x 1/4 FF) (4MP-6MP)	1 1	
20	00 210000		1111 1 22,1 11 2 (0/0 X 1/ / / /) (1111 3111)		
				1	
TITLE	TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 1 OF 5)				

SIMON AERIALS INC.

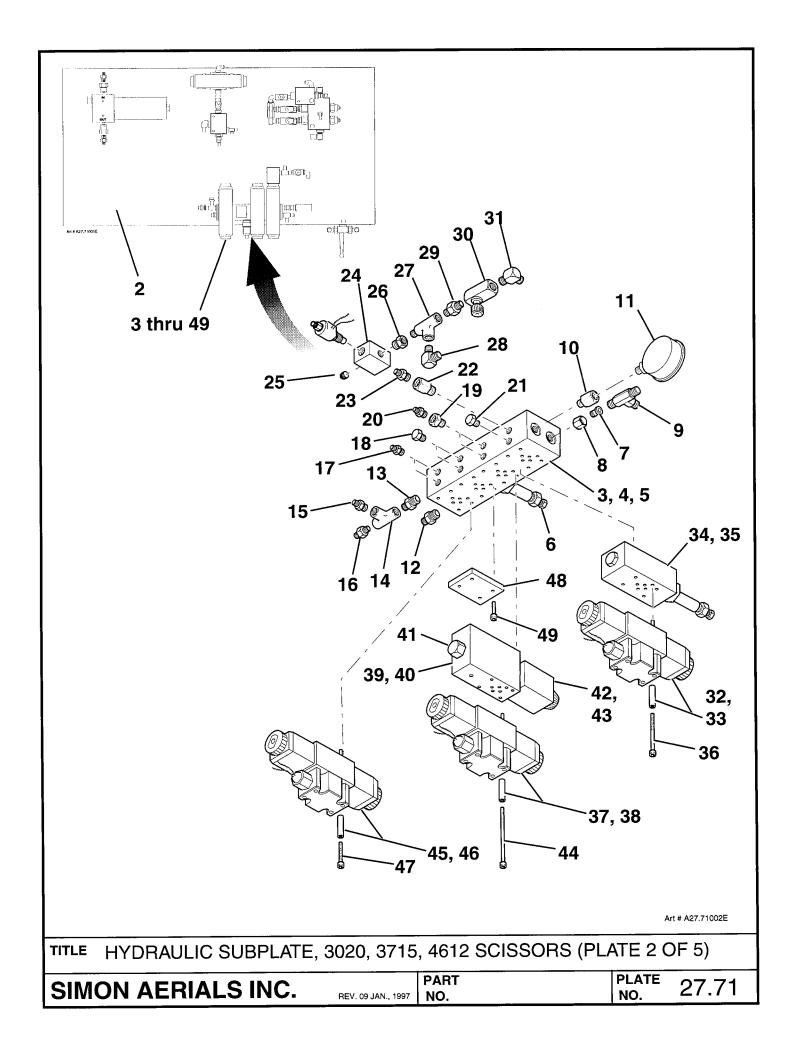
PART NO.

REV. 09 JAN., 1997

PLATE 27.71



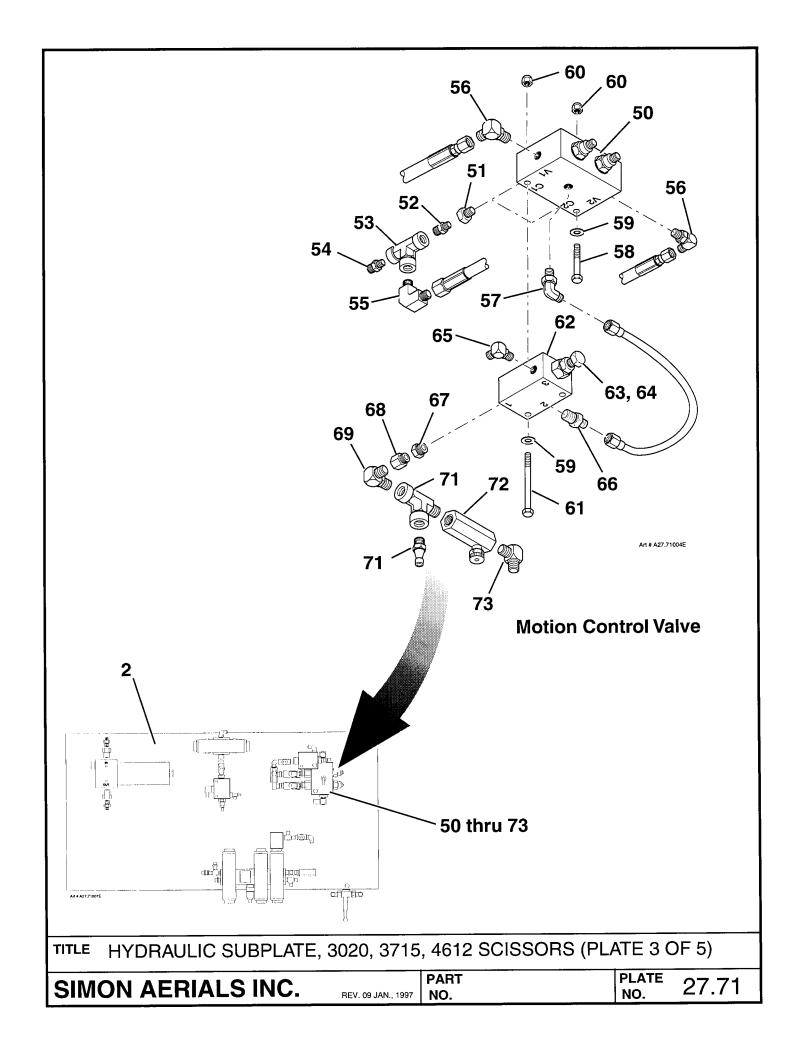
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			HYDRAULIC SUBPLATE ASSEMBLY (continued)		
24	01-246800		VALVE, HOLDING (Lift cylinders)		
			(includes cartridge and coil) (was 16-800328)	1	
25	06-079900		PLUG, HEX SOCKET NPT (3/8 HHP-S) (6MP)	1	
26	06-070700		REDUCER, PIPE THREAD (3/8 x 1/4 PTR-S) (6MP-4FP)	1	
27	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	1	
28	06-003500		90° ELBOW, MALE 37° TO NPT (4-4 CTX-S)	1 ,1	
			(4MP-4MJ 90°)	1 1	
29	06-076900		NIPPLE, PIPE THREAD (1/4 FF-S) (4MP-4MP)	1	
30	01-101400		VALVE, 1-WAY FLOW CONTROL (Lift cylinders)		
	00 000000		(replaces 16-700231) 90° ELBOW, MALE 37° TO NPT (6 CTX-S)	'	
31	06-003800		(4MP-6MJ 90°)	1	
32	01-109300		VALVE, DIRECTIONAL (Lift/ Lower) (D03)	¦	
33	01-109300		COIL, LIFT/ LOWER VALVE (12 Volt DC)	2	
34			VALVE, RELIEF ("Sandwich" Valve. Pilot operated)	1	
35			CARTRIDGE, PRESSURE RELIEF	1 1	
36	07-008360		CAP SCREW, HEX SOCKET HEAD		
	07 000000		(#10-24 x 2-3/4", Grade 8)	4	
37	01-109500		VALVE, DIRECTIONAL (Drive Forward/ Reverse) (D03)	1	
38	01-109501		COIL, DRIVE VALVE (12 Volt DC)	2	
39			VALVE, PROPORTIONAL FLOW (10 gpm [42 L/ min])	1	
40			SEAL KIT, PROPORTIONAL VALVE	1	
41	01-105401		VALVE, DIFFERENTIAL CONTROL		
			(marked "CP700-2L-B-0-15D")	1	
42	01-105402		CARTRIDGE, PROPORTIONAL FLOW VALVE		
			(marked "CP550-30-B-5-12D")	1	
43	01-105405		COIL, PROPORTIONAL FLOW VALVE		
			(marked "D14-68P-28", 12 Volt DC, 2 Amp)	1	
44	07-008369		CAP SCREW, HEX SOCKET HEAD		
			(#10-24 x 5", Grade 8)	4	
45	01-109400		VALVE, DIRECTIONAL (Steer) (D03)	1 1	
46	01-109401		COIL, STEER VALVE (12 Volt DC)	2	
47	07-008354		CAP SCREW, HEX SOCKET HEAD	4	
40	10.100007		(#10-24 x 1-1/4", Grade 8) PLATE, BLANKING	1	
48			CAP SCREW, HEX SOCKET HEAD		
49	07-008350		(#10-24 x 1/2", Grade 8)	4	
			(#10-24 x 1/2 , Grade 0)		
TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 2 OF 5)					
DI ATE					
NO.	⁻ 27.71	PIMO	N AERIALS INC. REV. 09 JAN., 1997 NO.		



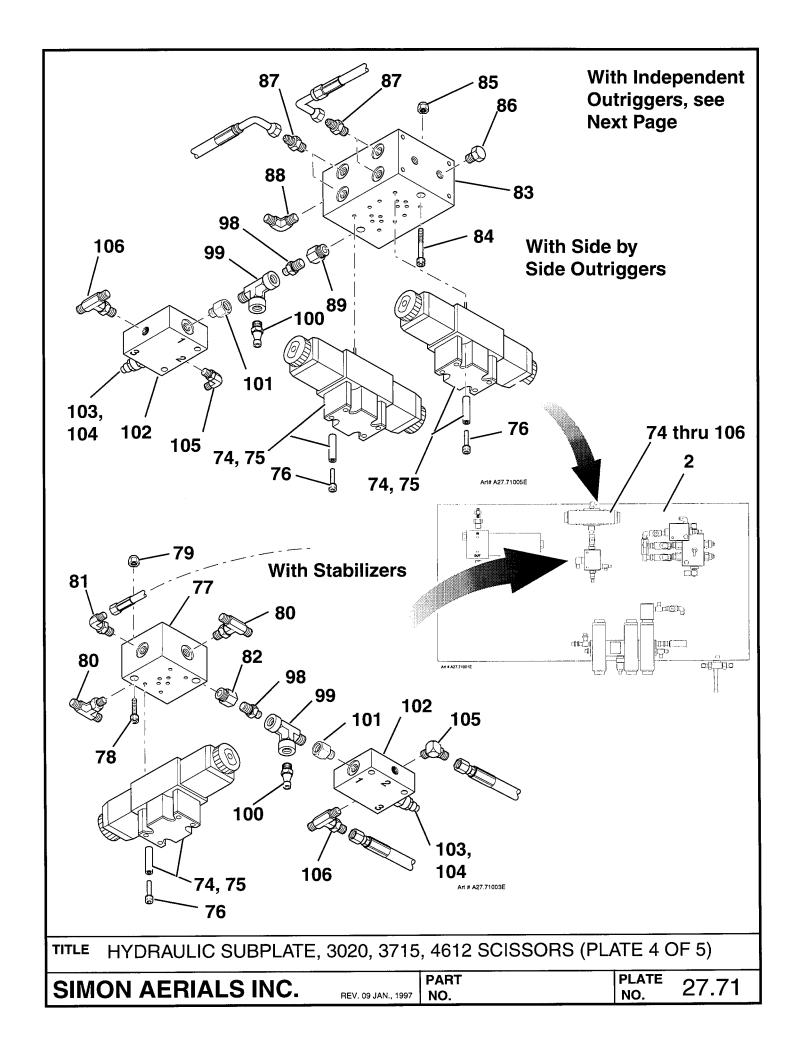
PARTS LIST				
	DADT NO.	SEE	DESCRIPTION	QTY.
ITEM	PART NO	SECTION	HYDRAULIC SUBPLATE ASSEMBLY (continued)	411.
50	01-012400		VALVE, MOTION CONTROL (with shuttle) (0 to 30 gpm)	1
51	06-304400		ADAPTER, "O"-RING TO FEMALE NPT	'
, , , , , , , , , , , , , , , , , , ,	00 00 1.00		(10-1/2 F50G-S) (10MB-8FP)	2
52	06-077400		NIPPLE, PIPE THREAD (1/2 FF-S) (8MP-8MP)	2
53			FEMALÉ PIPE TEE (1/2 MMO-S) (8FP-8FP-8FP)	2
54			CONNECTOR, MALE 37° TO NPT (8-8 FTX-S)	
	į.		(8MJ-8MP)	2
55	06-216300		90° ELBOW, MALE 37° TO NPT (4-8 CTX-S)	
			(4MJ-8MP 90°)	2
56	06-045000		90° ELBOW, "O"-RING TO 37° (8-10 C5OX-S)	
			(8MJ-10MB 90°)	2
57	06-044300		90° ELBOW, "O"-RING TO 37° (4 C5OX-S)	
			(4MB-4MJ 90°)	1 1
58			CAP SCREW, HEX HEAD (5/16"-18 x 2", Grade 5)	1
59	1		WASHER, FLAT (5/16")	2
60			NUT, LOCK (5/16"-18, Grade 5)	2
61			CAP SCREW, HEX HEAD (5/16"-18 x 3-1/2", Grade 5)	1 1
62	01-012800		VALVE, PRESSURE REDUCING (100 to 300 psi	,
			[6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])]
63			SEAL KIT, PRESSURE REDUCING VALVE]
64			CARTRIDGE, PRESSURE REDUCING VALVE	
65	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S)	4
			(6MB-6MJ 90°)	
66	1		ADAPTER, "O"-RING TO 37° (4-8 F50X-S) (4MJ-8MB)	. '
67	06-086800		ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F5OG5-S)	4
	22 22222		(8MB-4FP)	
68	06-303800		CONNECTOR, MALE TO FEMALE NPT (1/4 x 1/4 FG-S)	1
50	00.000500		(4MP-4FP) 90° ELBOW, MALE PIPE THREAD (1/4 CR-S)	
69	06-082500		(4MP-4MP 90°)	1
70	06-074700		STREET TEE (1/4 MRO-S) (4MP-4FP-4FP)	
71			FITTING, DIAGNOSTIC (PD 343)	
72	1		VALVE, 1-WAY FLOW CONTROL (Brake)	
1.2	015100000		(replaces 01-101400)	1
73	06-000400		CONNECTOR, MALE 37° TO NPT (4-4 FTX-S)	
, ,	00.000-00		(4MJ-4MP)	1
				`

TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 3 OF 5)

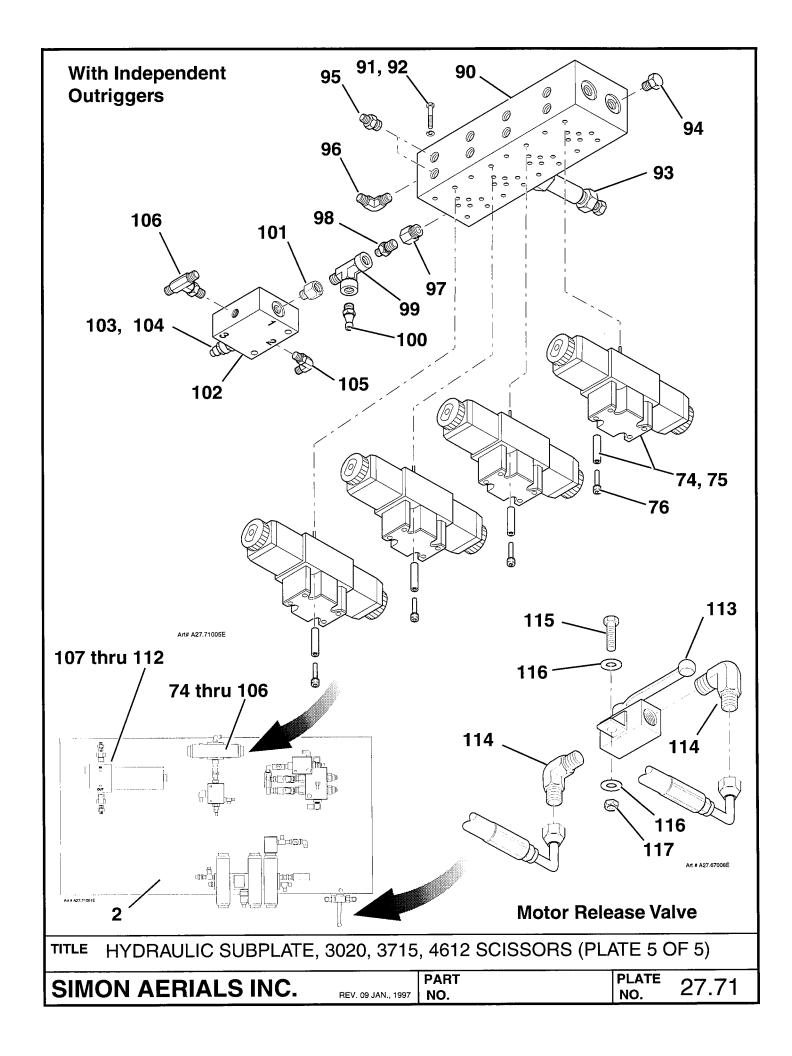
PLATE NO. 27.71 SIMON AERIALS INC. REV. 09 JAN., 1997 NO.



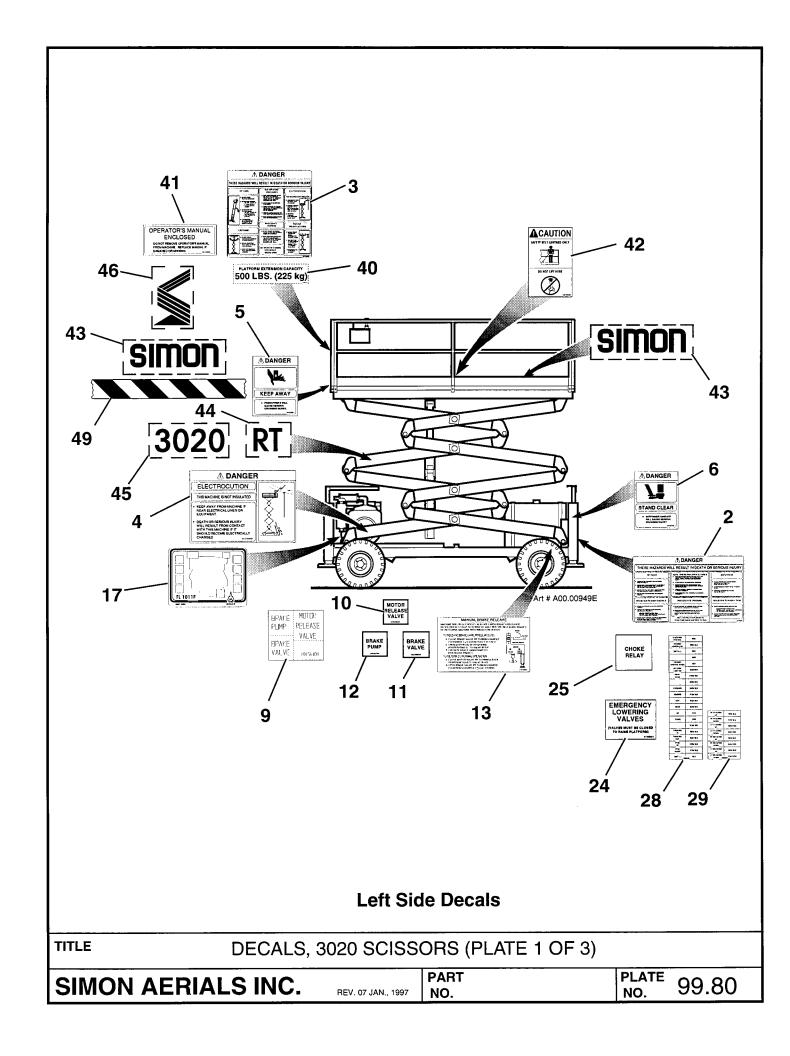
PARTS LIST					
 ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
			HYDRAULIC SUBPLATE ASSEMBLY (continued)		
74	01-109500		VALVE, DIRECTIONAL (D03)	A.R.	
			When Stabilizers are fitted	1 1	
			When optional Side by Side Outriggers are fitted When optional Independent Outriggers are fitted	2 4	
75	01-109501		COIL, DRIVE VALVE (12 Volt DC)	2	
76	07-008354		CAP SCREW, HEX SOCKET HEAD (#10-24 x 1-1/4",		
			Grade 8) (4 used per Directional Valve)	A.R.	
77	01-078100		SUB PLATE, VALVE (Single station. When Stabilizers		
			are fitted.)	1 1	
78	07-008004		CAP SCREW, HEX SOCKET HEAD (1/4"-20 x 1-1/2", Grade 8)	2	
79	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2	
80	06-050000		BRANCH TEE, MALE "O"-RING TO 37°		
			(6 S5OX-S) (6MJ-6MJ-6MB)	2	
81	06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S)		
			(6MJ-6MB 90°)	1	
82	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S)	4	
83	16-101310		(6MB-4FP) MANIFOLD, 2 STATION	1 1	
00	10-101310		(When optional Side by Side Outriggers are fitted)	1 1	
84	07-008004		CAP SCREW, HEX SOCKET HEAD		
			(1/4"-20 x 1-1/2", Grade 8)	2	
85	07-050014		NUT, HEX LOCK (1/4"-20, Grade 5)	2	
86			FITTING	2	
	06-079600		PLUG, HEX SOCKET NPT (1/2 HHP-S) (8MP) (without optional Traversing Deck)		
			FITTING (8MP) (with optional Traversing Deck)		
87	06-000900		CONNECTOR, MALE 37° TO NPT (6-6 FTX-S)		
			(6MP-6MJ)	4	
88	06-004100		90° ELBOW, MALE 37° TO NPT (6-8 CTX-S)		
			(8MP-6MJ 90°)	1 1	
89	06-071000		REDUCER, PIPE THREAD (1/2 x 1/4 PTR-S) (8MP-4FP)	1 1	
	100				
	1,000				
TITLE	TITLE HYDRAULIC SUBPLATE, 3020, 3715, 4612 SCISSORS (PLATE 4 OF 5)				
PLATE 27.71 SIMON AERIALS INC. REV. 09 JAN., 1997 NO.					
NO.	⁻ 27.71	SINO	N AERIALS INC. REV. 09 JAN., 1997 NO.		



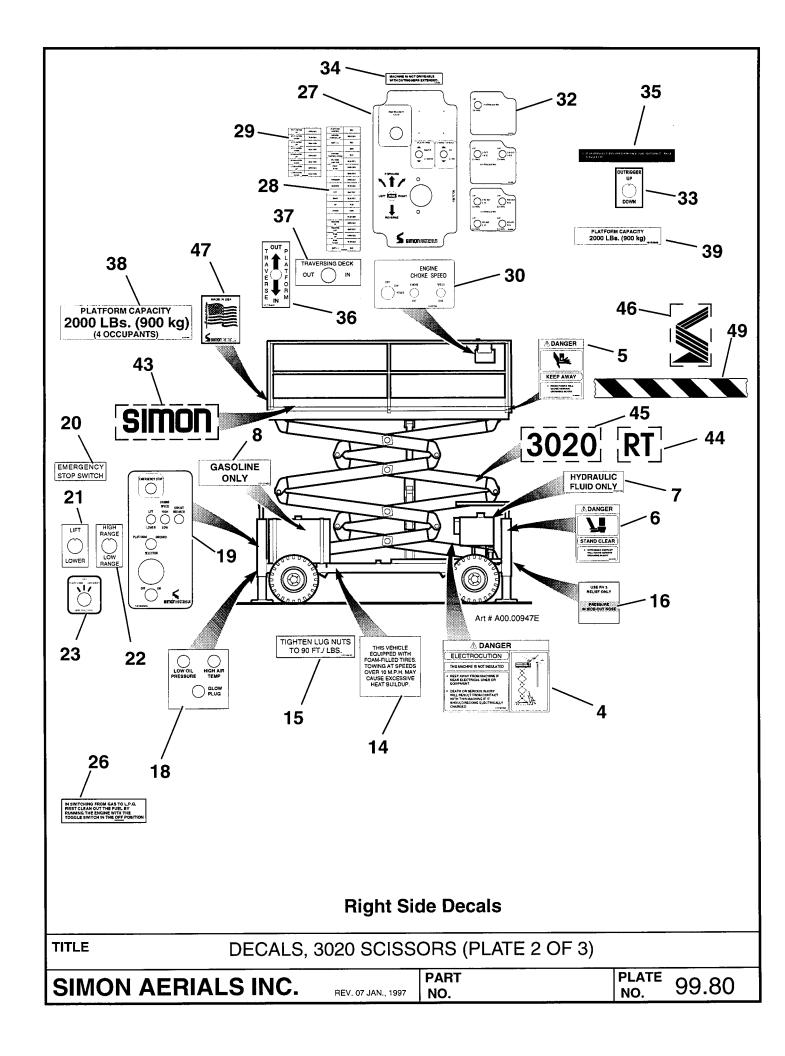
PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.
			HYDRAULIC SUBPLATE ASSEMBLY (continued)	
90	01-108600		MANIFOLD, 4 STATION (replaces 01-101600)	
			(When optional Independent Outriggers are fitted)	1
91	07-003025		CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	4
92	07-065015		WASHER, HELICAL LOCK (5/16")	4
93	01-102300		CARTRIDGE, PRESSURE RELIEF	1
94			FITTING	2
	24-100430		PLUG (6MB) (without optional Traversing Deck)	
0.5			FITTING (6MB) (with optional Traversing Deck) ADAPTER, "O"-RING TO 37° (6 F5OX-S) (6MB-6MJ)	8
95 96	06-039800 06-044600		90° ELBOW, "O"-RING TO 37° (6 C5OX-S)	0
90	00-044000		(6MB-6MJ 90°)	1 1
97	06-086600		ADAPTER, "O"-RING TO FEMALE NPT (6-1/4 F5OG-S)	•
9	00-00000		(6MB-4FP)	1 1
98	06-076900		REDUCER/ EXPANDER (LONG), PIPE THREAD	
- 00	00 07 0000		(1/4 FF-S) (4MP-4MP)	1
99	06-074700		STREET TEE (1/4 MRO-S) (4MP-4MP-4FP)	1
100	24-100842		FITTING, DIAGNOSTIC (PD 343)	1
101	06-086800		ADAPTER, "O"-RING TO FEMALE NPT (8-1/4 F5OG-S)	
			(8MB-4FP)	1
102	01-012800		VALVE, PRESSURE REDUCING (100 to 300 psi	
			[6.9 to 20.7 bar], @ 10 gpm [37.9 L/ min])	1
103			SEAL KIT, PRESSURE REDUCING VALVE	1 1
104			CARTRIDGE, PRESSURE REDUCING VALVE	1
105	06-044700		90° ELBOW, "O"-RING TO 37° (6-8 C5OX-S)	
400	00 040500		(8MB-6MJ 90°) RUN TEE, MALE "O"-RING TO 37° (6 R5OX-S)	'
106	06-048500		(6MB-6MJ-6MJ)	1 4
107	01 025100		FILTER, HIGH PRESSURE (25 Micron)	
107 108			ELEMENT, FILTER, (25 Micron, 3" dia. x 10" long)	
109			CAP SCREW, HEX HEAD (5/16"-18 x 1-1/4", Grade 5)	1
110	ł ⁻		WASHER, HELICAL LOCK (5/16")	1
111	06-092200		REDUCER/ EXPANDER (20-12 F50G5-S) (20MB-12FB)	2
112			ADAPTER, "O"-RING TO 37° (8-12 F5OX-S) (8MJ-12MB	
113			VALVE, MOTOR RELEASE (replaces 16-100982)	1
114			90° ELBOW, MALE 37° TO NPT	2
	06-003500		4-4 CTX-S (4MJ-4MP) for 2 Wheel Drive versions	
	06-003800		6 CTX-S (6MJ-4MP) for 4 Wheel Drive versions	.
115			CAP SCREW, HEX HEAD (5/16"-18 x 1", Grade 5)	1
116			WASHER, FLAT (5/16")	A.R.
117	07-050015		NUT, STOP (5/16"-18, Grade 5)	
7171			DI ATE 2000 2715 4612 COLCODE (DI ATE 5 OE 5	\
TITLI	- HYDKAUL	TIC SOR	PLATE, 3020, 3715, 4612 SCISSORS (PLATE 5 OF 5	,
PLAT	^{TE} 27.71	SIMO	N AERIALS INC. REV. 09 JAN., 1997 NO.	
NO.	<i></i>		REV. 09 JAN., 1997 NO.	



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1			DECAL KIT, 3020 Scissors (Not available. Order decals		
			individually.)	1	
2	10-130600		DECAL, "DANGER" (Hazard listing, at ground controls)		
			(Some versions were labelled 10-261400.)	1	
3	10-130400		DECAL, "DANGER" (Hazard listing, at platform controls)	1	
4	10-130000		DECAL, "DANGER" ("Electrocution")	2	
5	10-130300		DECAL, "DANGER" ("Keep away. Pinch points will")	4	
6	10-130700		DECAL, "DANGER" ("Stand clear. Outrigger contact")	4	
7	10-151300		PLACARD, "HYDRAULIC FLUID ONLY"	1	
8			PLACARD, FUEL (with fuel powered scissors only)	1	
	10-117900		"GASOLINE ONLY"		
1	10-265300		"REGULAR GASOLINE ONLY" (Obsolete style. Some		
			earlier versions were labelled 47-100225.)		
_	10-151100		"DIESEL FUEL ONLY" (with optional Diesel engine)		
9	10-156100		DECAL, "MOTOR RELEASE VALVE; BRAKE VALVE;		
	40.000000		BRAKE PUMP" (3 decals on tear off sheet, standard style)		
10	10-228600		DECAL, "MOTOR RELEASE VALVE" (optional style)		
11	10-228800		DECAL, "BRAKE VALVE" (optional style)	¦	
12 13	10-228700 10-144500		DECAL, "BRAKE PUMP" (optional style) DECAL, "MANUAL BRAKE RELEASE "		
14	10-144500		DECAL, FILLED TIRES		
14			(This vehicle equipped Towing at speeds over 10 ")	1	
	10-208300		With calcium filled tires	'	
	47-100107		With foam filled tires (replaces 47-215359)		
15	10-209400		DECAL, "TIGHTEN LUG NUTS TO 90 FT./ LBS."	1	
16	10-232600		DECAL, RELIEF VALVE ("Use RV3 in side - out nose")	1	
17	10-232800		DECAL, DEUTZ FL1011 ENGINE (marked "02974983")	1	
18	10-232700		DECAL, ENGINE CONTROL BOX (for Deutz Diesel only)		
'	.0 202.00		(Glow plug/ Low oil pressure/ High engine temperature)	1	
19	10-266000	*	PLACARD, GROUND CONTROL		
			(Later version. Replaces individual decals, below)	1	
20	47-100224		DECAL, "EMERGENCY STOP SWITCH" (obsolete)	1	
21	10-209500		PLATE, "LIFT/ LOWER" (Silver lettering on Black) (obsolete)	1	
	10-209500		DECAL, "UP/ DOWN" (Black lettering on White, with arrows)		
			(obsolete, replaced by "Lift/ Lower" plate, above)	1	
22	10-205100		PLATE, "HIGH RANGE/ LOW RANGE" (obsolete)		
	!		(if so equipped)	1	
200220200000000000000000000000000000000					
TITLE DECALS, 3020 SCISSORS (PLATE 1 OF 3)					
PLAT	^E 99.80	SIMO	N AERIALS INC. REV. 07 JAN., 1997 NO.		
NO.	55.00	<u> </u>	IN ACRIALS INC. REV. 07 JAN., 1997 NO.		



PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
23	10-225800	<u>OLOTION</u>	DECAL, "PLATFORM/ OFF/ GROUND" (obsolete)	GIII.	
			(some earlier versions were labelled 10-122100)	1	
24	10-259100		DECAL, "EMERGENCY LOWERING VALVES "		
			(some earlier versions were labelled 47-100321)	1	
25			DECAL, RELAY (used inside ground control box as needed)		
	10-265600		"CHOKE RELAY"	1	
	10-265700		"CONTROL RELAY"	1	
	10-265800		"ENGINE HIGH SPEED RELAY"	1 1	
	10-232400		"ENGINE RELAY"	1	
	10-232500		"LOW OIL PRESSURE RELAY" "MOTOR START RELAY"		
	10-265900 10-232900		"PREHEAT RELAY"		
26	10-025000		DECAL, "IN SWITCHING FROM GAS TO PROPANE "	1 1	
27	10-270700		PLACARD, PLATFORM CONTROL (For current versions.	'	
-′	10 270700		Earlier versions had information printed directly on box top)	1	
28			DECAL, 20 POSITION TERMINAL BLOCK (inside box)	2	
	10-265500		For electric powered versions except as listed below		
	10-279900		For engine powered versions except as listed below		
	10-279800		For electric powered versions with optional side by side		
			outriggers, but without optional traversing deck		
	10-280000		For engine powered versions with optional side by side		
ا مم ا			outriggers, but without optional traversing deck	_	
29	10-280100		DECAL, 8 POSITION TERMINAL BLOCK (inside box) For versions with optional side by side outriggers, and	2	
	10-260100		with optional traversing deck		
	10-280200		For versions with optional independent outriggers, with		
	. 0 200200		or without optional traversing deck		
30	10-231700		PLATE, ENGINE SWITCH "START/ CHOKE/ SPEED"		
			(with fuel powered scissors only)	1	
31	10-207700		DECAL, "GLOW PLUG" (With optional Diesel engine.		
			Mounts over "Choke" toggle.)	1	
32			DECAL, "OUTRIGGER, UP/ DOWN"		
			(current version, with optional stabilizers or outriggers)	1	
	10-270300		when one outrigger switch is fitted		
	10-270400 10-270500		when two outrigger switches are fitted when four outrigger switches are fitted		
33	47-101270		DECAL, "OUTRIGGER, UP/ DOWN"		
"	71-101210		(earlier version, with optional stabilizers or outriggers)	A.R.	
34	10-270600		DECAL, "MACHINE IS NOT DRIVEABLE "		
	=======================================		(current version, with optional stabilizers or outriggers)	1	
35	47-101266		DECAL, "5. IF OUTRIGGERS DROPPED "		
			(earlier version, with optional stabilizers or outriggers)	1	
TITLE DECALS, 3020 SCISSORS (PLATE 2 OF 3)					
PLAT	E 00 00	CIMO	N AERIALS INC. REV. 07 JAN., 1997		
NO.	99.80	SIIVIO	NACRIALS INC. REV. 07 JAN., 1997 NO.		



PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
36	11-228900	<u> </u>	DECAL, "TRAVERSE PLATFORM, IN/ OUT" (current)	1		
37	11-201300		DECAL, "TRAVERSING DECK, IN/ OUT" (earlier version)	1		
38			DECAL,PLATFORM CAPACITY (large)	1		
	10-151400		"2000 LBs 4 OCCUPANTS" (with standard deck)			
	10-143700		"1500 LBs 4 OCCUPANTS" (with rollout or traversing			
			deck) (some earlier versions were labelled "10227600")			
39			DECAL,PLATFORM CAPACITY (small)	1		
	10-150600		"2000 LBs (900 kg)" (with standard deck)			
	10-149300		"1500 LBs (680 kg)" (with rollout or traversing deck)			
40	10-143000		DECAL, "Platform extension capacity 500 Lbs (225 kg)"			
			(with optional rollout deck)	1		
41	10-139800		DECAL, "OPERATOR'S MANUAL ENCLOSED"	1		
42	10-272600		DECAL, "CAUTION" ("Safety belt lanyard")	2		
43	10-083000		DECAL, "SIMON" NAME (4" [102 mm] high, Black)	3 2		
44	10.079700		DECAL, MODEL (for "RT" versions only)	2		
	10-278700		Reads "3020RT" (Current version) Reads "RT" (Earlier version. Used with 10-133700, below.)			
45	10-269300 10-133700		DECAL, MODEL "3020"	2		
46	10-131900		DECAL, SIMON "S" LOGO			
40	10-131900		(Orange/ Gray, 9" [229 mm] wide x 13-1/2" [344 mm])	1		
47	10-121600		DECAL, "MADE IN U.S.A."	1		
48	10 121000		DECAL, STRIPING ([4] stripes, 3-3/4" [95 mm] wide)			
'			(Bulk item, order as needed. 37 ft [11.3 m] needed here.)	A.R.		
	10-126800		Orange stripes (standard)			
	10-213000		Cream stripes (used with some optional color schemes)			
49	10-069900		TAPE, SAFETY STRIPE (Yellow/ Black diagonal stripe)			
	:		(2" [51 mm] wide x 36 Yd [33 m] long roll)	A.R.		
TITLE	TITLE DECALS, 3020 SCISSORS (PLATE 3 OF 3)					
DIATE						
NO.	^E 99.80	SIMO	N AERIALS INC. REV. 07 JAN., 1997 NO.			

