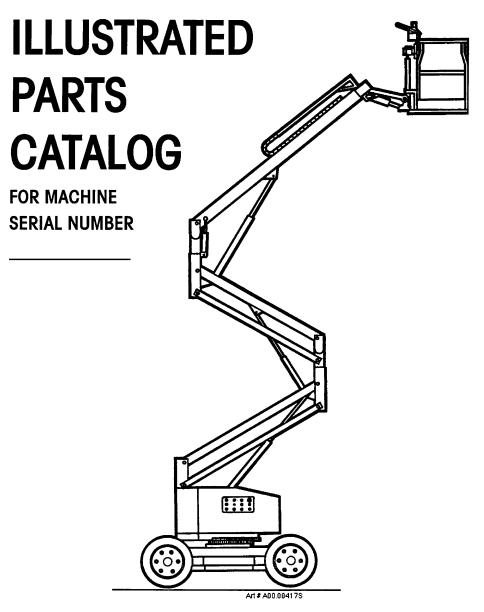


**EAGLE**41/24
Godfrey Howden



Part No. 89-412995 • Revision "A.2" dated Oct. 1995 •

## TABLE OF CONTENTS

### INTRODUCTION

## PRIMARY MACHINE COMPONENT GROUPS

**SECTION 1: UNDERCARRIAGE** 

**01.17:** UNDERCARRIAGE ASSEMBLY (SPECIAL)

**SECTION 2: SUPERSTRUCTURE** 

**02.25:** SUPERSTRUCTURE ASSEMBLY (SPECIAL)

**SECTION 3: BOOM** 

03.14: BOOM ASSEMBLY (SPECIAL)

SECTION 4: PLATFORM

**04.17:** PLATFORM ASSEMBLY (SPECIAL)

SECTION 6: VALVE BANK 06.18: VALVE BANK ASSEMBLY

SECTION 7: GROUND CONTROL BOX 07.18: GROUND CONTROL BOX (SPECIAL)

**SECTION 8: ENGINE ASSEMBLY** 

**08.23:** ENGINE ASSEMBLY, ONAN GAS (SPECIAL)

SECTION 9: PLATFORM CONTROL CONSOLE 09.19: PLATFORM CONTROL CONSOLE (SPECIAL)

**SECTION 12: PUMPS** 

**12.09:** PUMP ASSEMBLY, HYDRAULIC (SPECIAL)

**SECTION 21: PLATFORM ROTATOR** 

**21.01:** PLATFORM ROTATOR

SECTION 23: HYDRAULIC MANIFOLD

23.07: VALVE ASSEMBLY (SPECIAL)

# TABLE OF CONTENTS (CONTINUED)

**SECTION 26: MOTORS** 

26.05: WHEEL MOTOR AND BRAKE ASSEMBLY (SPECIAL)

26.06: TORQUE HUB ASSEMBLY (SPECIAL)

**SECTION 29: CONTROLLER** 

29.03: DRIVE CONTROLLER ASSEMBLY

**SECTION 99: DECALS** 

99.10: DECALS

### INTRODUCTION

This Illustrated Parts Catalog is designed to help you identify and order the correct replacement parts for use on SIMON EAGLE 41/24 SELF-PROPELLED AERIAL WORK PLATFORMS equipped with certain modifications installed or supplied by GODFREY HOWDEN INC. 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 GODFREY HOWDEN-modified EAGLE 41/24 machines are included in this Catalog. Only items provided by SIMON AERIALS INC. are shown in this Catalog. Other items on these special machines may have been provided by GODFREY HOWDEN INC. or other suppliers. Please contact those suppliers for these parts.

The "Primary Machine Component Groups" page illustrates the four 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 four sections (1 through 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:

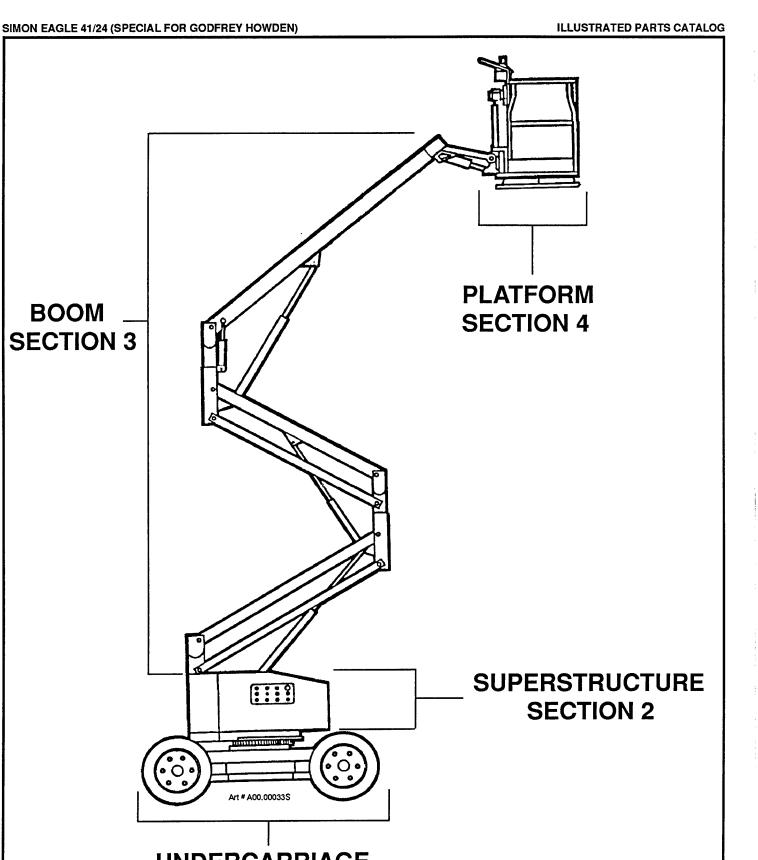
- 4. Parts Plate number, Item Number and Description of the desired item, OR
- 5. Part Number of the next assembly (Parent Part), if the desired item is not listed.

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 parts should be determined as though you are standing at the Platform Control Console, with the Platform in stowed position (over the non-steering axle). 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.



**UNDERCARRIAGE SECTION 1** 

TITLE

**BOOM** 

**SECTION 3** 

PRIMARY MACHINE COMPONENT GROUPS

SIMON AERIALS INC.

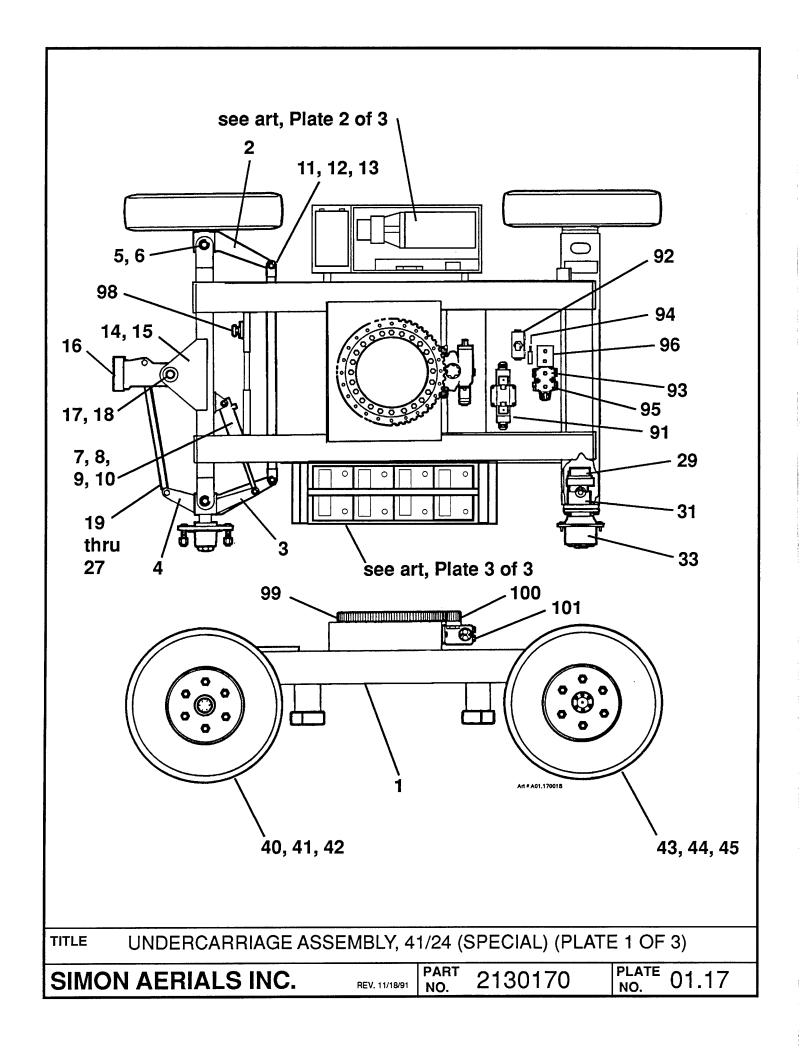
**PART** NO.

PLATE NO.

	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1	2130300		UNDERCARRIAGE WELDMENT	1			
2	02-016500		SPINDLE ASSEMBLY, RIGHT	1			
3	02-016600		SPINDLE ASSEMBLY, LEFT	1			
4	2114430		BRACKET, SPINDLE (left)	1			
5	10-080700		PIN, SPINDLE (King pin) RING, SPINDLE PIN RETAINING	2 4			
6	04 006900		CYLINDER, STEER	<del>1</del>			
7 8	04-026800 10-080500		PIN, STEER CYLINDER (Case end)				
9	10-080600		PIN, STEER CYLINDER (Rod end)	1			
10	10 00000		RING, STEER CYLINDER PIN RETAINING	4			
11	10-080300		TIE ROD	1			
12	10-080400		PIN, TIE ROD	2			
13			RING, TIE ROD PIN RETAINING	4			
14	2128690		PLATE, CENTER STEER ARM (Upper)	1			
15	2128700		PLATE, CENTER STEER ARM (Lower)	1			
16	2114470		ARM, CENTER STEER PIN, CENTER STEER ARM	1			
17 18	2114400		RING, CENTER STEER ARM PIN RETAINING	2			
19	2114340		TIE ROD ASSEMBLY, TOW BAR	1			
20	2114370		TUBE, TIE ROD [22-1/8" (562 mm) long]	1			
21	08-007100		END, TIE ROD	2 2			
22	07-047122		NUT, JAM (3/4"-16, Grade 2)	2			
23			PIN, TIE ROD (Bracket end)	1			
24			PIN, TIE ROD (Yoke end)	1			
25			RETAINING RING, TIE ROD PIN	4			
26	08-011400		BEARING, SLEEVE	2 1			
27 28	08-040900 2129140		RING, SNAP (1-1/2") DRIVE HUB ASSEMBLY	2			
20 29	01-016700	26.05	DRIVE MOTOR	1			
30	01-016701	20.00	SEAL KIT, MOTOR	1			
31	01-018500	26.05	BRAKE	1			
32	01-012101		SEAL KIT, BRAKE	1			
33	02-021200	26.06	HUB, PLANETARY	1			
34			SEAL KIT, PLANETARY HUB	1			
35	02-021300		QUICK DISCONNECT	2			
36	06-046800		ELBOW, 45° STRAIGHT THREAD (4 V50X)	2 4			
37 38	06-098300 07-003085		CONNECTOR, STRAIGHT THREAD (10 FF50X) BOLT, HEX HEAD (1/2"-13 x 1", Grade 5)	8			
39	07-060018		WASHER, FLAT (1/2" SAE)	8			
	0, 000010						
TITLE	TITLE UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 1 OF 3)						

UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 1 OF 3)

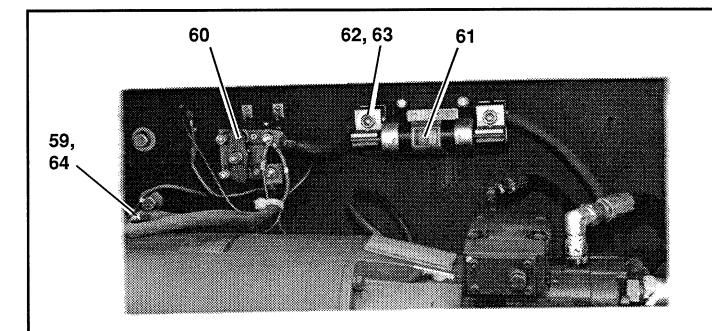
PLATE NO. 01.17 **SIMON AERIALS INC.** REV. 11/18/91 PART NO. 2130170



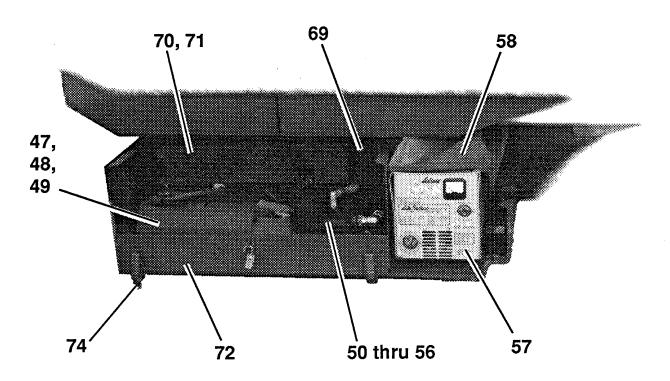
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
40	3514540		TIRE AND WHEEL ASSEMBLY, STEER	2		
41	02-021400		TIRE, L78 - 15 LT	1 1		
42	02-010800		WHEEL, STEER	1		
43	3514550		TIRE AND WHEEL ASSEMBLY, DRIVE	2		
44	02-021400		TIRE, L78 - 15 LT	1		
45	2129420		WHEEL, DRIVE	1		
46	2130150		POWER UNIT ASSEMBLY (48 Volt)	¦		
47	03-436600 07-003043		MOTOR (48 Volt, 7 HP) BOLT, HEX HEAD (3/8"-16 x 3/4", Grade 5)	4		
48 49	07-003043		NUT, STOP (3/8"-16, Grade 5)	4		
50	01-083900	12.09	PUMP, HYDRAULIC	1		
51	07-003045	12.00	BOLT, HEX HEAD (3/8"-16 x 1", Grade 5)	2		
52	07-065016		WASHER, HELICAL LOCK (3/8")	2		
53	02-021500		COUPLING (5/8"-3/16" bore)	1		
54	02-021600		ADAPTER `	1		
55	07-003043		BOLT, HEX HEAD (3/8"-16 x 3/4", Grade 5)	4		
56	07-065016		WASHER, HELICAL LOCK (3/8")	4		
57	03-408200		BATTERY CHARGER (48 Volt DC)	1		
58	10-086300		COVER, BATTERY CHARGER (neoprene coated)	1		
59	03-416505		FUSE (3AG Series, 5 Amp)	1		
60	03-437400		CONTACTOR (48 Volt)	1		
61	03-437600		FUSE (48 Volt, 150 Amp)	1		
62	03-437500		HOLDER, FUSE	1		
63	07-003003		BOLT, HEX HEAD (1/4"-20 x 3/4", Grade 5) HOLDER, FUSE	4 1		
64 65	03-437800 03-439900		CABLE, BATTERY [84" (2.13 M) long]			
66	03-440000		CABLE, BATTERY [102" (2.59 M) long]			
67	03-441000		CABLE, BATTERY [6" (152 mm) long]			
68	03-442000		CABLE, BATTERY [10" (254 mm) long]	1		
69	10-084200		GROMMET	2		
70	2129830	*******************************	COVER, ELECTRICAL COMPONENTS (inside)	1		
71	07-003003		BOLT, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2		
72	2129880		ENCLOSURE ASSEMBLY, ELECTRIC	1		
73	2129860		COVER, ELECTRICAL ASSEMBLY	1		
74	10-089200		LATCH, DRAW BOLT (Heavy duty)	2		
TITLE	LINDED	CARRIA	GE ASSEMBLY, 41/24 (SPECIAL) (PLATE 2 OF 3)			

TITLE UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 2 OF 3)

PLATE NO. 01.17 SIMON AERIALS INC. REV. 11/18/91 PART NO. 2130170



Enlarged view of power unit upper area with cover (item 70) removed



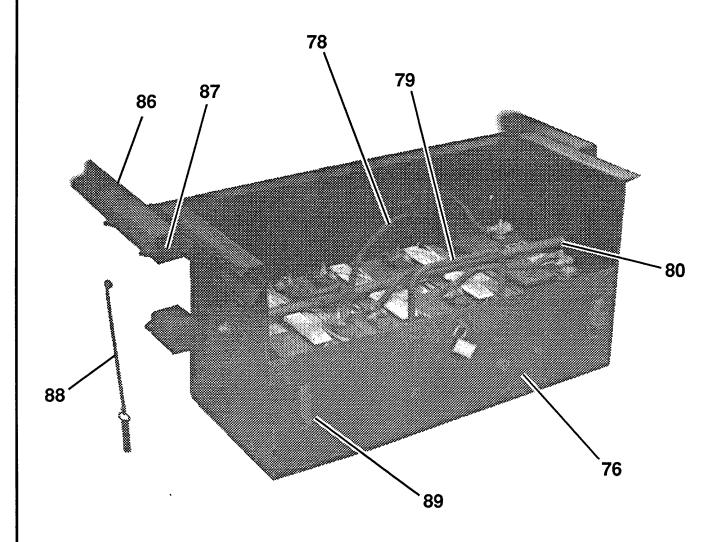
48 volt power unit assembly (item 46) with cover (item 73) removed

TITLE UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 2 OF 3)

SIMON AERIALS INC. REV. 11/18/91 PART NO. 2130170 PLATE NO. 01.17

	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
75	2130160		BATTERY BOX ASSEMBLY	1			
76	2113700		ENCLOSURE, BATTERY BOX	1			
77	2113570		COVER, BATTERY BOX	1			
78 79	03-400900 2119620		BATTERY (12 Volt, 105 Amp hour) TRAY, BATTERY	4			
80	2114160		BRACKET, BATTERY HOLD DOWN	4			
81	03-448400		CABLE, BATTERY [12" (305 mm) long, 90° ends]	3			
82	03-448500		CABLE, BATTERY [18" (457 mm) long]	1			
83	03-448600		CABLE, BATTERY [46" (1.2 M) long]	1			
84	03-443000		CABLE, BATTERY (Positive)	1			
85	03-444000		CABLE, BATTERY (Negative)	1			
86	2113660		BRACKET, BATTERY BOX ROLLER	2			
87	2113750		ROLLER ASSEMBLY	4			
88 89	07-090072 10-089200		PIN, QUICK RELEASE (1/2" dia. x 2-1/2"grip) LATCH, DRAW BOLT (Heavy duty)	2			
90	3514580	23.07	VALVE ASSEMBLY, UNDERCARRIAGE	4			
91	01-077400	20.01	VALVE, DIRECTIONAL CONTROL	1			
92	01-012400		VALVE, MOTION CONTROL	1			
93	01-084200		VALVE, SERIES/ PARALLEL	1			
94	01-018900		VALVE, FLOW CONTROL (Restrictor valve)	1			
95	01-037100		VALVE, 3 WAY SOLENOID	1			
96	2131560		MANIFOLD, VALVE				
97	01-069300		VALVE, SOLENOID OPERATED (12 Volt)	]			
98 99	01-010900 08063700		VALVE, SELECTOR SWING BEARING	4			
100			SWING MOTOR				
101	02017800		GEAR BOX				
	02017000						
		i					
		<u> </u>					
TITLE	TITLE UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 3 OF 3)						

PLATE NO. 01.17 **SIMON AERIALS INC.** REV. 11/18/91 PART NO. 2130170



Battery box assembly (item 75) with cover (item 77) removed

TITLE

UNDERCARRIAGE ASSEMBLY, 41/24 (SPECIAL) (PLATE 3 OF 3)

SIMON AERIALS INC.

REV. 11/18/9

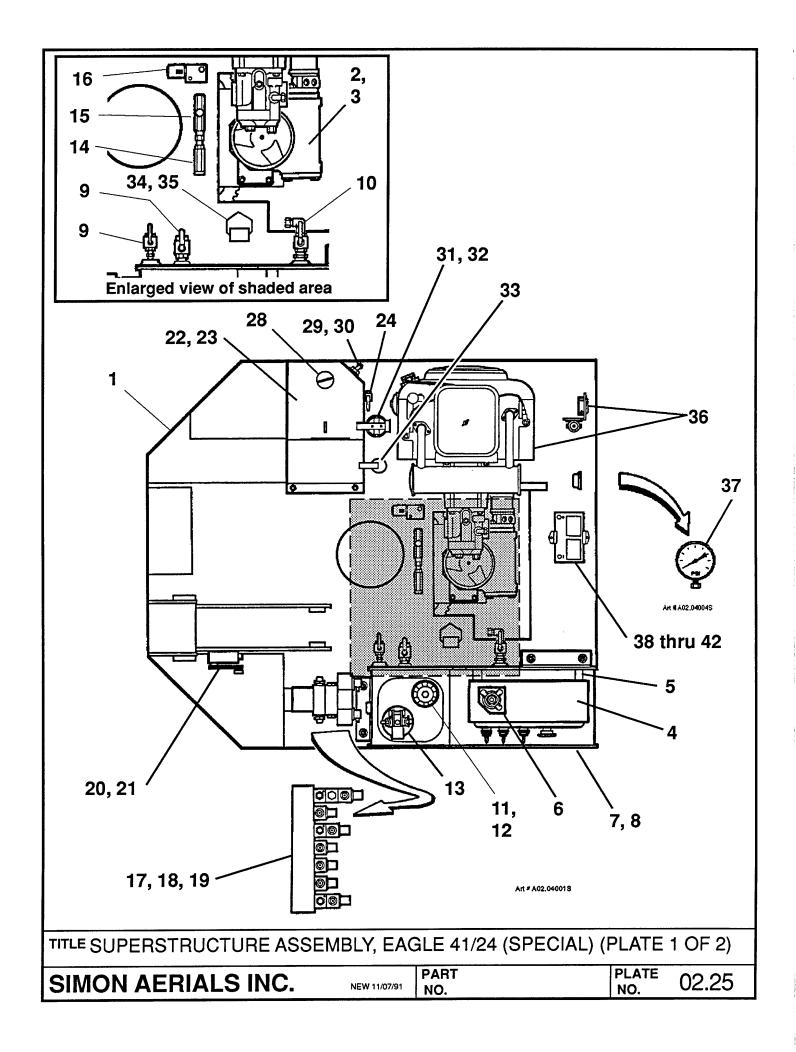
PART 2130170

PLATE 01.17

PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1			SUPERSTRUCTURE WELDMENT	1		
2	01-076500		SWING MOTOR	1		
3	01-017800		SPEED REDUCER	1		
4	See index	07.18	BOX ASSEMBLY, GROUND CONTROL	1		
5	2119540		SPACER, GROUND CONTROL MOUNTING	4		
6	03-023900		ALARM, TILT	1		
7	3511570		TANK ASSEMBLY, HYDRAULIC	1		
8			TANK WELDMENT, HYDRAULIC	1		
9	01-002800		VALVE, SHUT OFF (Ball valve) (1/2" NPT)	1		
10	01-068500		VALVE, SHUT OFF (Ball valve) (1" NPT)	3		
11	10-080200		CAP, HYDRAULIC TANK			
12	10-080201		STRAINER, FILLER CAP	-		
13	01-066100		PUMP, EMERGENCY HAND VALVE, POPPET CHECK (3 P.S.I.) (.207 Bar) (.211 Kg/ cm²)			
14	01-020800		VALVE, POPPET CHECK (3 P.S.I.) (.207 Bar) (.211 kg/ cm²) VALVE, FLOW CONTROL [Needle valve, pressure	'		
15	01-012300		compensating, 75 to 5 GPM (284 to 19 LPM)]	4		
16	01 -037100		VALVE, SOLENOID (3 way) (Pump unloading)	,		
17	See index	06.18	VALVE BANK ASSEMBLY	1		
18	2131290	000	BAR, VALVE MOUNTING	1		
19	2131300		BRACKET, VALVE MOUNTING	1 1		
20	03-407800		SWITCH, LIMIT (High speed drive)	1 1		
21	03-407803		LEVER ARM, LIMIT SWITCH	1		
22	3511560		TANK ASSEMBLY, FUEL	1		
23			TANK WELDMENT, FUEL	1		
24	01-032800		VALVE, SHUT OFF (Ball valve) (1/4" NPT)	1		
25	05-010011		ELBOW, MALE (Nylon, 1/2" O.D. tube x 1/2" NPT)	2		
26	06-082500		ELBOW, MALE PIPE (1/4 CR)	1		
27	11-050401		FITTING, HOSE			
			(Brass, barbed, 1/4" I.D. hose, 1/4" male NPT thread)	1		
28	10-080900		CAP, FUEL FILLER	1		
29	05-010008		SIGHT GAUGE, FUEL TANK	1		
30	05-010011		ELBOW, SIGHT GAUGE	1		
31	01-074900		FILTER ASSEMBLY, RETURN LINE	1		
32	01-074901		FILTER ELEMENT			
33	01-086400		FILTER, SUCTION LINE			
34	01-081100		FILTER ASSEMBLY, PRESSURE LINE  ELEMENT, PRESSURE LINE FILTER	1		
35 36	01-081101 See index	08.23	ENGINE ASSEMBLY (Onan 24 HP Gas)	¦		
37	01-021000	00.23	PRESSURE GAUGE			
3/	01-021000		THEODITE WHOLE	<u>'</u>		
TITLE CURE DETECTION ACCEMBLY FACILE 41/04 (SPECIAL) (PLATE 1 OF 2)						

TITLE SUPERSTRUCTURE ASSEMBLY, EAGLE 41/24 (SPECIAL) (PLATE 1 OF 2)

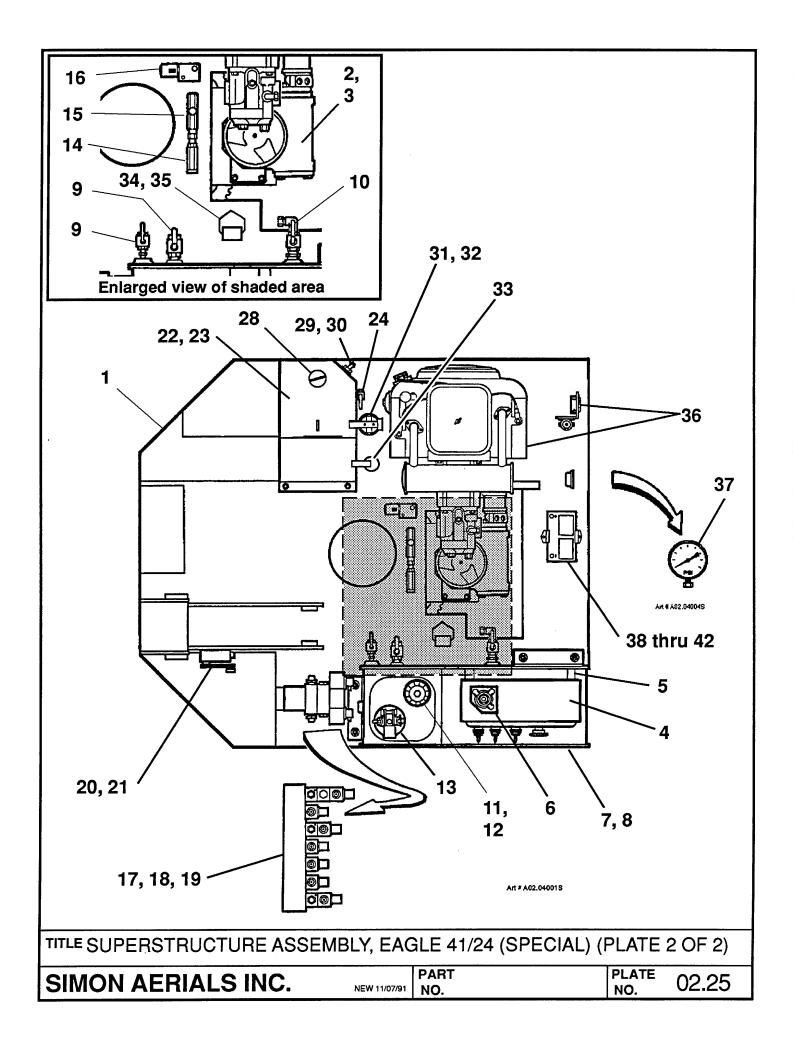
PLATE NO. 02.25 SIMON AERIALS INC. NEW 11/07/91 PART NO.



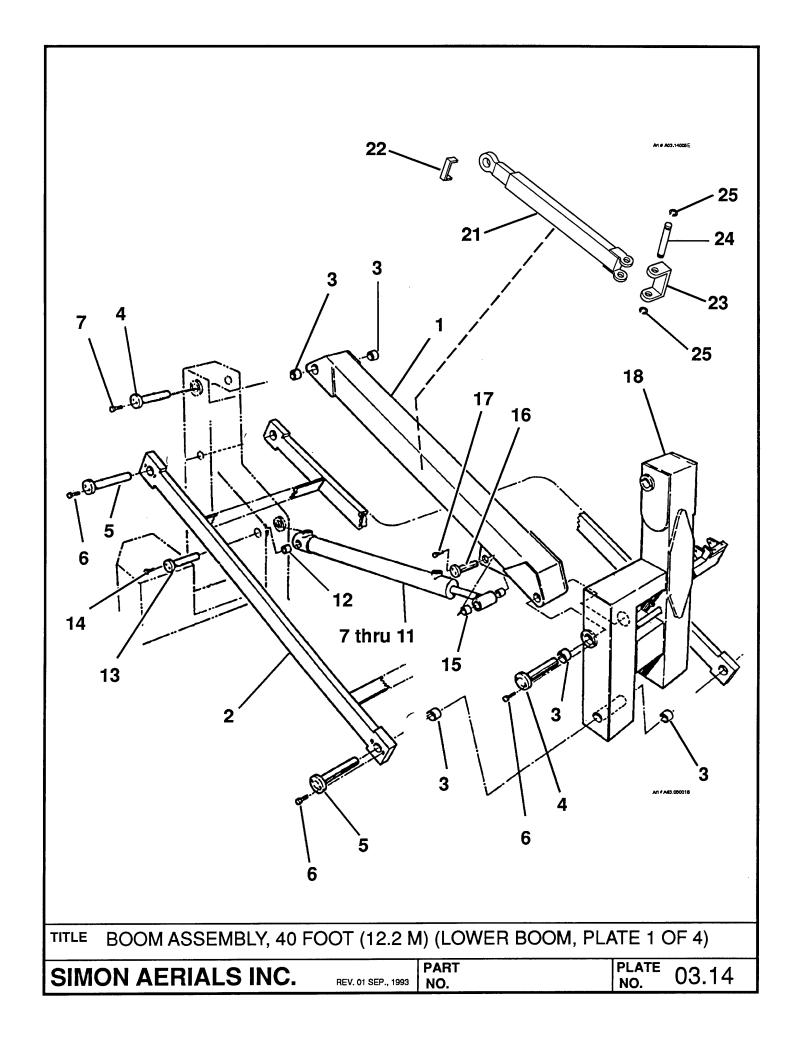
	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
38	03-423200		BATTERY (504 Amp)	1			
39 40	03-070100 03-415100		CABLE, BATTERY [Black, 12" (305 mm) long] CABLE, BATTERY [33" (83.8 cm) long]	1			
41	2129310		BATTERY HOLDER WELDMENT	1			
42	10-089100		BATTERY BOX	1			
			The following items are not shown:				
			The following items are not shown:				
43	10-106800		DOOR, ENGINE SIDE	1			
44	10-108700		DOOR, HYDRAULIC SIDE	1			
45 46	03-429400 03-429600		HEADLAMP (12 Volt DC) GUARD, HEADLAMP	2 2			
47	03-031200		TAIL LAMP (12 Volt DC)	2			
48	03-428200		BEACON, FLASHING (12 Volt, Blue)	1			
49 50	10-090300 03-449000		EXTINGUISHER, FIRE [9 lb. (4.08 Kg) Halon, with bracket] WIRE (12 conductor, 18 Ga.)	A.R.			
3	00 440000		······································				
		:					
		•					
TITLE	TITLE SUPERSTRUCTURE ASSEMBLY, EAGLE 41/24 (SPECIAL) (PLATE 2 OF 2)						
PLAT NO.	E 02.25	SIMO	NAERIALS INC. NEW 11/07/91 PART NO.				

NO.

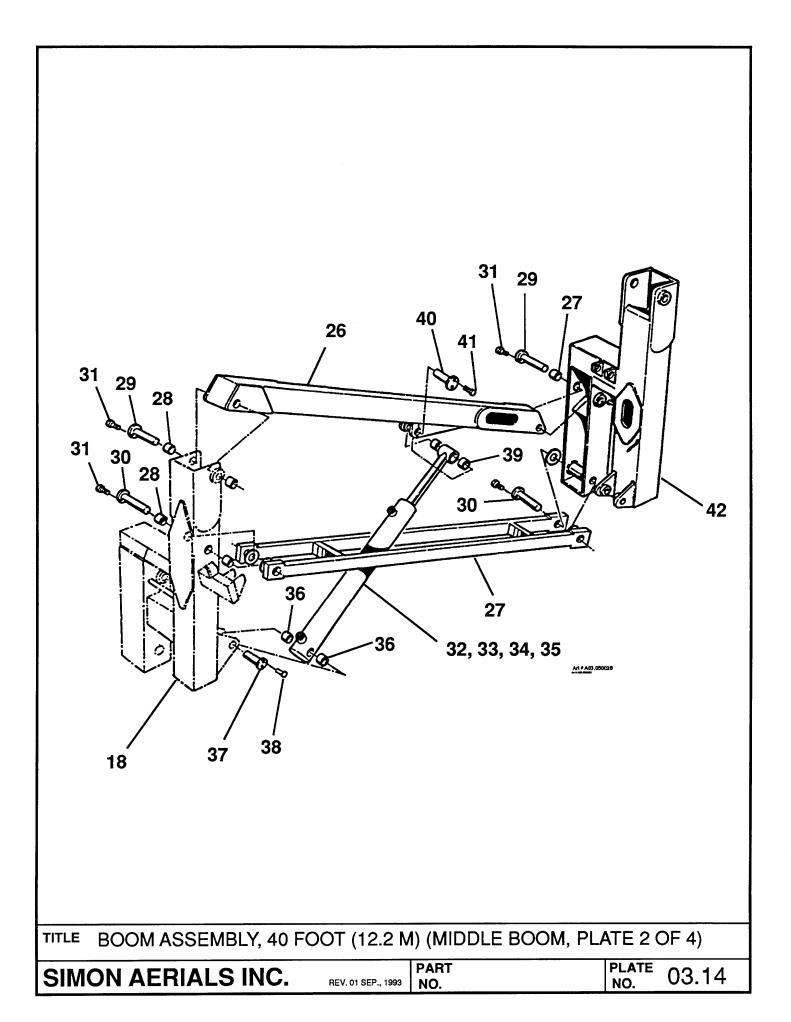
NEW 11/07/91 NO.



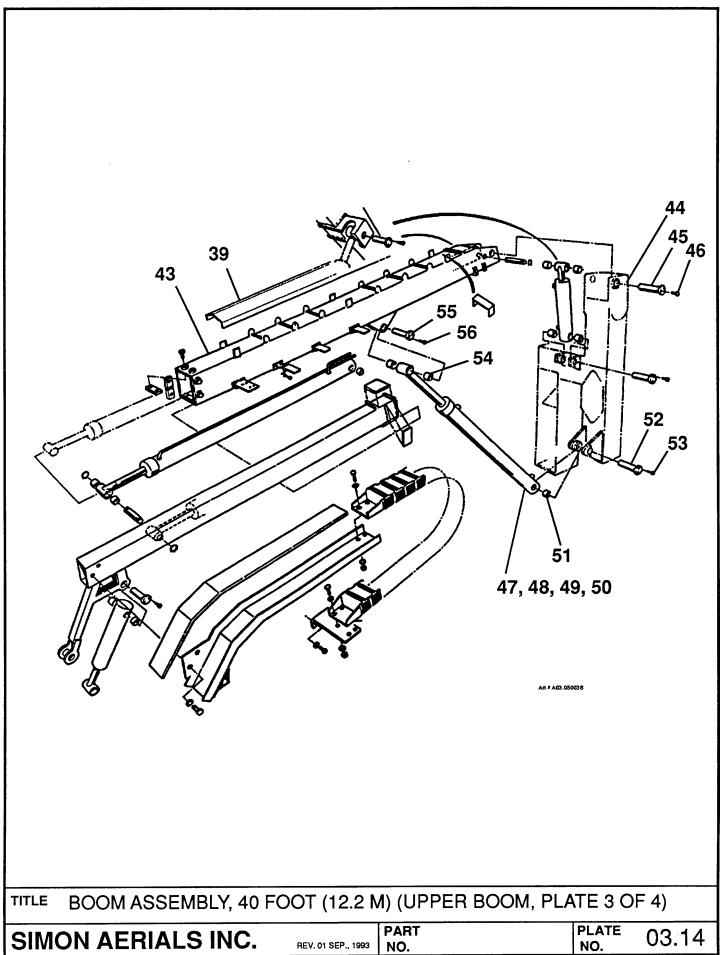
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2130050		BOOM WELDMENT, LOWER (with cover)	1		
2 3	00 05000		ARM ASSEMBLY, LOWER PARALLEL BUSHING	1 8		
3	08-058800 10-081200		PIN. LOWER BOOM PIVOT	2		
5	10-081400		PIN LOWER BOOM PARALLEL ARM PIVOT	2		
6			RING, RETAINING	8		
7	04-026900		CYLINDER, LIFT SEAL KIT, LIFT CYLINDER	1 1		
8 9	04-026901 01-067300		VALVE, LIFT CYLINDER  VALVE, LIFT CYLINDER HOLDING	1 1		
10	01-069500		CARTRIDGE, HOLDING VALVE	1		
11	2115430		SPACER, LIFT CYLINDER	1		
12	08-059100		BUSHING, LIFT CYLINDER (case end)	2		
13 14	10-082300		PIN, LOWER BOOM LIFT CYLINDER (case end) RING, RETAINING (case end)	1 2		
15	08-059100		BUSHING, LIFT CYLINDER (rod end)	2		
16	10-081300		PIN, LOWER BOOM LIFT CYLINDER (rod end)	1		
17			RING, RETAINING (rod end) MID POST WELDMENT	2		
18 19	03-407800		LIMIT SWITCH (not shown)	1		
20	03-407802		LEVER ARM, LIMIT SWITCH (not shown)	1		
21	2098450		TOW BAR	1		
22	2130100		BRACKET, TOW BAR STORAGE BRACKET, TOW BAR SWING	1		
23 24	2130090 07-080004		PIN, SWING BRACKET			
25			RING, RETAINING	2		
T171 F	: DOCM 40	OEMBLY	/ 40 FOOT (10 0 MA) (I OWED DOOM DI ATE 1 OF 4)			
TITLE		2 EMRLA	(, 40 FOOT (12.2 M) (LOWER BOOM, PLATE 1 OF 4)			
PLAT NO.	<sup>E</sup> 03.14	SIMO	NAERIALS INC. REV. 01 SEP., 1993 PART NO.			



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
26	2130060		BOOM WELDMENT, MIDDLE (with cover)	1		
27			ARM ASSEMBLY, MIDDLE PARALLEL	1		
28	08-059000		BUSHING (1-1/2" x 2")	8		
29 30	10-081200 10-081400		PIN, MID BOOM PIVOT PIN, MID BOOM PARALLEL ARM PIVOT	2 2		
31	10-061400		RING RETAINING	8		
32	04-026900		CYLINDER, LIFT	1		
33	04-026901		SEAL KIT, LIFT CYLINDER	1		
34	01-067300		VALVE, LIFT CYLINDER HOLDING	1		
35 36	01-069500 08-059100		CARTRIDGE, HOLDING VALVE BUSHING, LIFT CYLINDER (case end)	2		
37	10-082300		PIN, MID BOOM LIFT CYLINDER (case end)	1		
38			RING, RETAINING (case end)	2		
39	08-059100		BUSHING, LIFT CYLINDER (rod end)	2		
40	10-102600		PIN, MID BOOM LIFT CYLINDER (rod end) RING, RETAINING (rod end)	1 2		
41 42			UPPER POST WELDMENT	1		
,-						
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
TITLE	BOOM AS	SEMBLY	', 40 FOOT (12.2 M) (MIDDLE BOOM, PLATE 2 OF 4)			
PLAT	E 03.14	SIMO	NAERIALS INC. REV. 01 SEP., 1993 PART			
NO.	00.17	3.1113	NACRIALS INC. REV. 01 SEP., 1993 NO.			



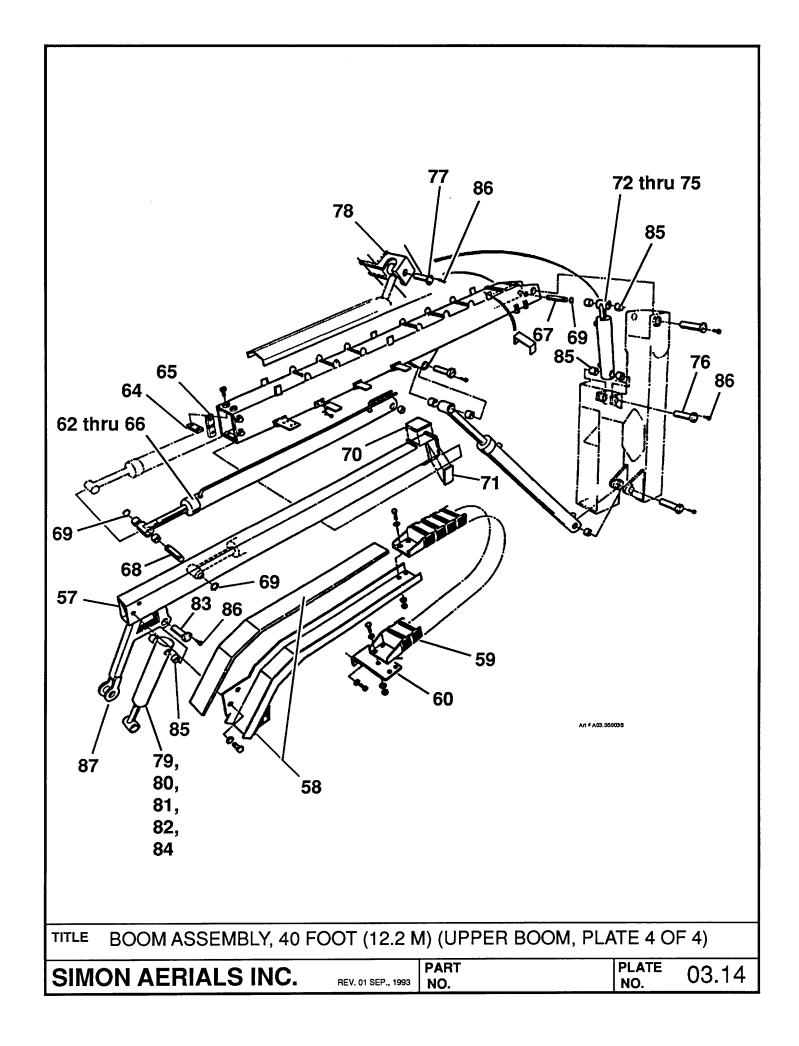
	PARTS LIST							
ITEM	PART NO	SEE SECTION	DESC	RIPTION		QTY.		
43	2130070		BOOM WELDMENT, UPF	PER BASE (with	cover)	1		
44 45	08-059000 10-081500		BUSHING (1-1/2" x 2")   PIN, UPPER BOOM PIVO	)T		2		
46	10-001500		RING, RETAINING	71		2		
47	04-026900		CYLINDER, LIFT			1		
48 49	04-026901 01-067300		SEAL KIT, LIFT CYLIN VALVE, LIFT CYLINDER			1		
50	01-069500		CARTRIDGE, HOLDING					
51	08-059100		BUSHING, LIFT CYLINDI			2		
52 53	10-082300		PIN, UPPER BOOM LIFT RING, RETAINING (case		se end)	1 2		
54	08-059100		BUSHING LIFT CYLIND			2		
55	10-081900		PIN, UPPER BOOM LIFT	CYLINDER (roo	d end)	1		
56			RING, RETAINING (rod e	nd)		2		
economic activity.	200000000000000000000000000000000000000							
					:			
TITLE	BOOM AS	SEMBLY	/, 40 FOOT (12.2 M) (U	PPER BOOM	, PLATE 3 OF 4)			
PLAT		r			PART			
NO.	<sup>e</sup> 03.14	SIMO	N AERIALS INC.	REV. 01 SEP., 1993	NO.			



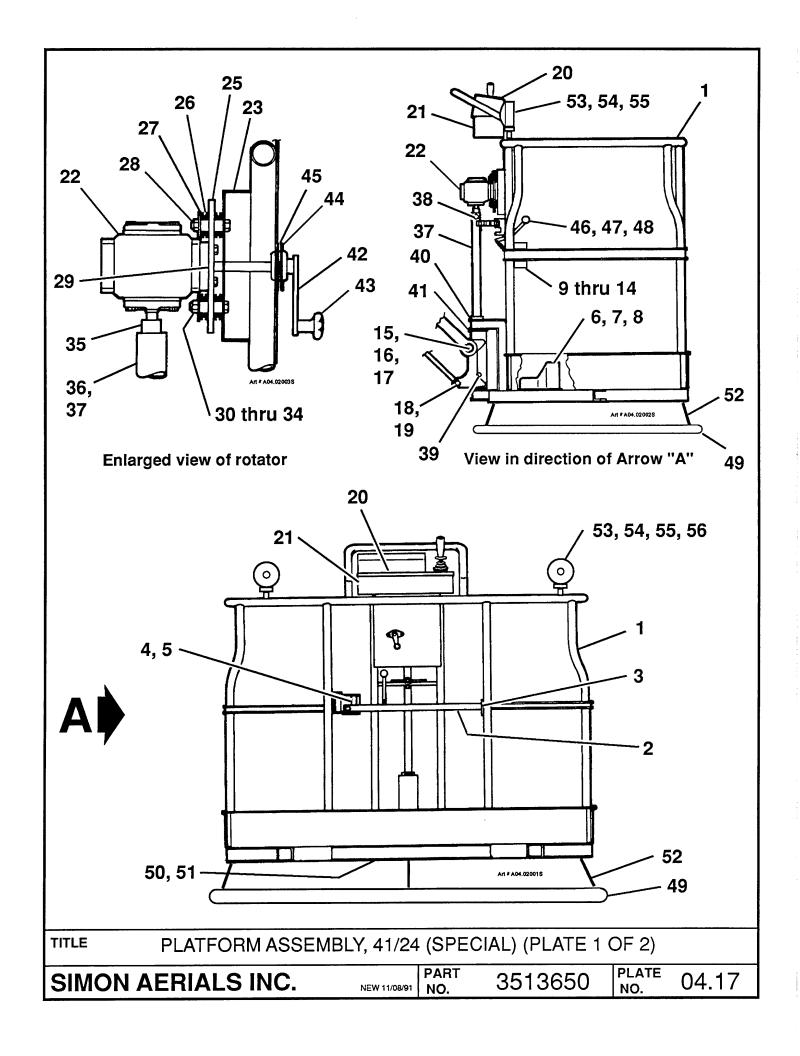
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
57			BOOM WELDMENT, UPPER TIP	1		
58	2115160		ANCHOR WELDMENT, MOVING	1 1		
59 60	08-000700 2115350		CARRIER, HOSE MOUNTING BRACKET, CATRAC	1		
61	2130040		BRACKET, CATRAC SUPPORT			
62	04-027200		CYLINDER, TELESCOPE	1		
63	04-027202	000000000000000000000000000000000000000	SEAL KIT, TELESCOPE CYLINDER	1		
64	04-027203		SEAL, WIPER	1 1		
65 66	04-027204 04-027201		RING, BACKUP CARTRIDGE, TELESCOPE CYLINDER HOLDING VALVE	1		
67	10-083900		PIN, TELESCOPE CYLINDER (Case end)			
68	10-081700		PIN, TELESCOPE CYLINDER (Rod end)	1		
69			RING, RETAINING	4		
70	10-082000		PAD, UPPER AND LOWER WEAR	2		
71 72	10-082100 04-027000		PAD, SIDE WEAR (Slider pad) CYLINDER. MASTER LEVELING	2		
73	04-026801		SEAL KIT, LEVELING CYLINDER			
74	01-067601		VALVE, LEVELING (Solenoid operated)	1		
75	01-069600		CARTRIDGE, LEVELING VALVE	1		
76	10-082400		PIN, MASTER CYLINDER (Case end)	1		
77 78	10-082200 10-103200		PIN, MASTER CYLINDER (Rod end) BRACKET, MASTER CYLINDER	1		
79	04-027100		CYLINDER, SLAVE LEVELING	1		
80	04-026801		SEAL KIT, LEVELING CYLINDER	1		
81	01-069500		VALVE, HOLDING (Slave cylinder)	1		
82	01-067500 10-081600		CHECK VALVE, PILOT OPERATED (Slave cylinder)	1		
83 84	10-081600		PIN, SLAVE CYLINDER (Case end) PIN, SLAVE CYLINDER (Rod end)	-		
85	08-044700		BUSHING	8		
86			RING, RETAINING	8		
87	08-059100		BUSHING	2		
TITI F		CEMBLY	/ AD FOOT (12.2 M) (LIPPER ROOM, PLATE A OF A)			

TITLE BOOM ASSEMBLY, 40 FOOT (12.2 M) (UPPER BOOM, PLATE 4 OF 4)

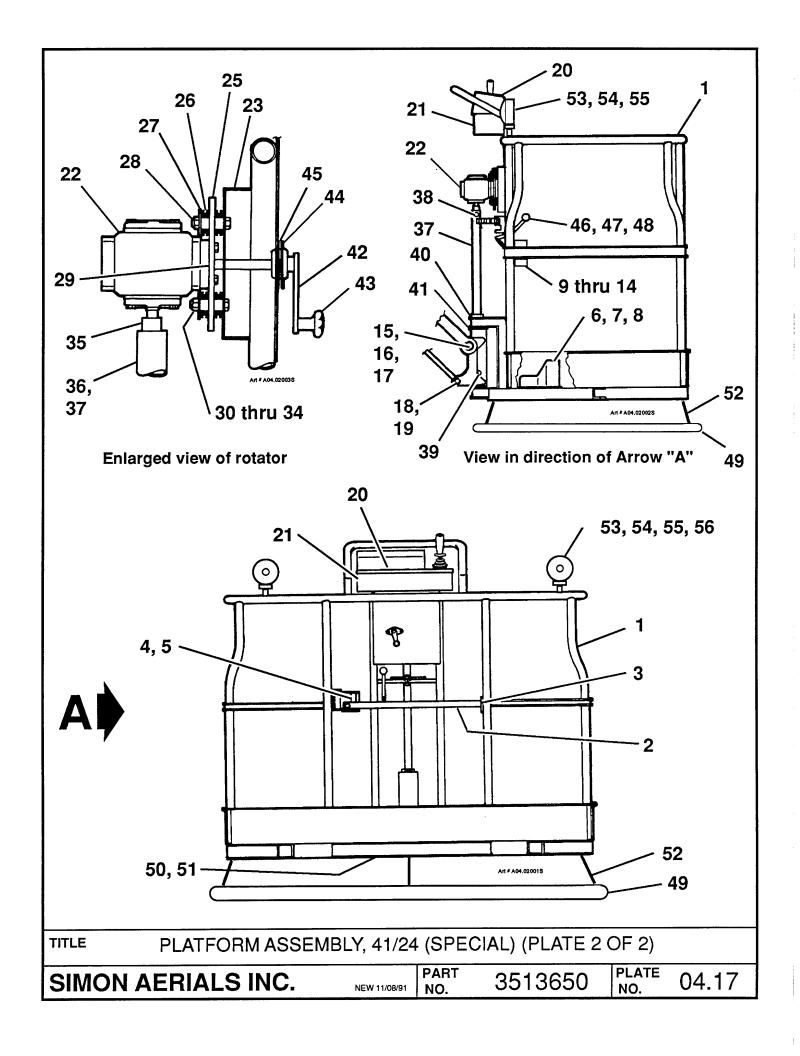
PLATE NO. 03.14 SIMON AERIALS INC. REV. 01 SEP., 1993 NO.

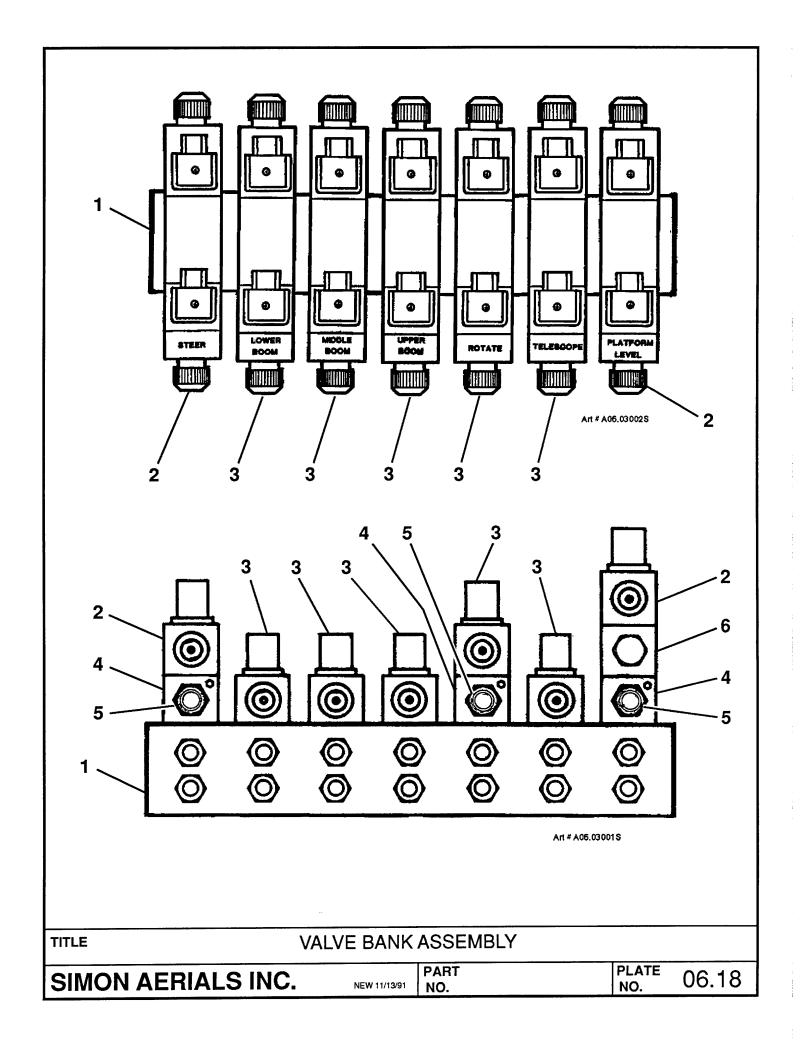


	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	2098130		PLATFORM WELDMENT	1		
2	2076577 2041724		BAR, LATCH BRACKET, LATCH	1 1		
4	08-010100		SPRING, PLATFORM GATE	1		
5	2108380		SPACER	1		
6 7	03-034300 07-003003		SWITCH, FOOT SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	1 2		
8	07-065014		WASHER, HELICAL LOCK (1/4")	2		
9	03-062100		BOX, DUPLEX OUTLET	1		
10 11	03-067000		OUTLET, DUPLEX (110 Volt AC) COVER, DUPLEX OUTLET	1		
12	03-062200 07-003003		SCREW, HEX HEAD (1/4"-20 x 3/4", Grade 5)	2		
13	03-063400		GRIP, CORD (1/2", 90°)	1		
14	03-045500		GRIP, CORD (1/2")	1 1		
15 16	10-082600 08-059100		PIN, PLATFORM PIVOT BUSHING	2		
17			RETAINING RING	2		
18	10-082500		PIN, SLAVE CYL. ROD END RETAINING RING	1 2		
19 20		09.19	CONTROL CONSOLE ASSEMBLY	1		
21	2114140		BRACE, CONSOLE	2		
1						
TITLE	PLA	TFORM	ASSEMBLY, 41/24 (SPECIAL) (PLATE 1 OF 2)			
PLAT	<sup>E</sup> 04.17	SIMO	N AERIALS INC. NEW 11/08/91 PART 351365	50		
NO.	QΤ. 1 <i>1</i>	<u> </u>	NACRIALS INC. NEW 11/08/91 NO. 33 1303	,		



	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
22	02-012400		ROTATOR, PLATFORM (Gear reducer)	1	
23	2101820		BRACKET WELDMENT, ROTATOR	1	
24	2114020		GEAR BOX, FLOATING	1	
25	2113990		FLANGE, GEAR BOX MOUNTING RUBBER GROMMET	1	
26 27	10-084200 10-005600		WASHER, FENDER (3/8")	8	
28	2114010		POST, SPACER	4	
29	2114000		SPACER, GEAR	1	
30	07-003006		BOLT, HEX HEAD (1/4"-20 x 1-1/4", Grade 5)	4	
31	07-003050		BOLT, HEX HEAD (3/8"-16 x 2-1/4", Grade 5)	4	
32	07-050016		NUT, STOP (3/8"-16, Grade 5)	4	
33	07-060014		WASHER, FLAT (1/4" SAE)	2	
34	07-065014		WASHER, HELICAL LOCK (1/4")	4	
35	2097776		COUPLING, PIVOT POST	1	
36 37	2101680 2102870		ROD, THREADED [3/8"-16 x 12-1/2" (31.75 cm) long] POST, PIVOT	1	
38	2102870		PIN, PIVOT POST UPPER	1	
39	2109840		PIN, PIVOT POST LOWER	2	
40	08-014000		SLEEVE BEARING	2	
41	08-014100		THRUST WASHER	1	
42	2102900		HANDLE, PLATFORM ROTATOR	1	
43	10-064900		KNOB, ROTATOR HANDLE (Palm grip)	1	
44	02-012100		BEARING, CAM	1	
45	07-060014		WASHER, FLAT (1 / 4" SAE)	2	
46 47	2101710 10-042400		HANDLE, PLATFORM ROTATOR LOCK KNOB, BALL (Plastic)		
47	2098060		PLATE, CRANK ARM		
49	2115620		RING ASSEMBLY, SENSOR	1	
50	03-021400		LIMIT SWITCH, SENSOR RING	1	
51			LEVER ARM, LIMIT SWITCH	1	
52	10-092300	***************************************	CHAIN, SENSOR RING	5	
53	03-037900		SPOT LIGHT (12 Volt)	2	
54	2107370		BRACKET, SPOT LIGHT	2	
55	03-429600		GUARD, HEADLAMP	2	
56	10-069600		CLAMP, TUBE [1-1/4" (32 mm)] BRACKET, DE-ICER CONTROL MOUNTING	2	
57 58	2131200 2131240		CLAMP, HOSE	1 2	
30	2131240		CEAMI , 1103E	۲	
TITLE	PLA	TFORM	ASSEMBLY, 41/24 (SPECIAL) (PLATE 2 OF 2)		
PLAT	E 04.17	SIMO	NAERIALS INC. NEW 11/08/91 PART NO 351365	$\overline{\cap}$	
NO.	UT. 17	CIIVIO	NALNIALS INC. NEW 11/08/91 NO. 33 1303		





PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	01-066400		BLOCK, MANIFOLD	1		
2	01-081800		VALVE, SOLENOID (4 Way, 12 Volt DC) (Steer and Platform level functions)	2		
3	01-072000		VALVE, SOLENOID (4 Way, 12 Volt DC)			
,	01.067100		(Rotate and Boom functions ) VALVE, CROSS PORT RELIEF	5		
4 5	01-067100 01-067101		CARTRIDGE, CROSS PORT RELIEF VALVE	6		
6	01-081000		CHECK VALVE, DOUBLE ACTING	1		
7	01-037400		"O" RING ( Valves to manifold )	44		
TITLE			VALVE BANK ASSEMBLY			
PLAT	<sup>E</sup> 06.18	SIMO	N AERIALS INC. NEW 11/13/91 PART NO.			
NO.	50.10	Cillio	NACRIALS INC. NEW 11/13/91 NO.	:		

PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	10-082700		ENCLOSURE, GROUND CONTROL	1		
2 3	03-423100		DECAL, GROUND CONTROL SWITCH, KEY OPERATED	1		
4	03-423100		BASE AND CONTACT BLOCK ASSEMBLY			
			(includes base and 2 normally open contact blocks)	1		
5	03-409500		BLOCK, CONTACT (normally closed)	1		
6 7	03-411700 03-407600		SWITCH, 3 POSITION ROTARY(Engine RPM) BASE AND CONTACT BLOCK ASSEMBLY	ı		
	00 .0.000		(includes base and 2 normally open contact blocks)	1		
8	03-409400		BASE, PILOT LIGHT (7 contact)	1		
9	03-410300 03-409401		LENS, PILOT LIGHT (Blue) BULB, PILOT LIGHT	4		
11	03-409800		BUTTON, EMERGENCY STOP	1		
12	03-410100		BASE AND CONTACT BLOCK ASSY (Emergency stop)			
			(includes base, 1 normally open and 1 normally closed contact block)	4		
13	03-423000		SWITCH, 3 POSITION ROTARY (Engine/ Motor selector)	1		
14	03-410100		BASE AND CONTACT BLOCK ASSY (Engine/ Motor)			
	·		(includes base, 1 normally open and 1 normally closed contact block)	4		
15	03-410000		SWITCH, 2 POSITION ROTARY (Platform/ Ground)	1		
16	03-410100		BASE AND CONTACT BLOCK ASSY (Platform/ Ground)			
			(includes base, 1 normally open and 1 normally closed	4		
17	03-409500		contact block) BLOCK, CONTACT (normally closed)	1		
18	03-409600		BLOCK, CONTACT (normally open)	1		
19	03-411100		POTENTIOMETER (Function speed) (100 Ohm)	1		
20 21	10-084000 03-407500		KNOB, POTENTIOMETER (Function speed) SWITCH, 3 POSITION ROTARY (Swing)	1		
22	03-407600		BASE AND CONTACT BLOCK ASSEMBLY			
		:	(includes base and 2 normally open contact blocks)	1		
23 24	03-409700 03-409701		CONTROL, JOYSTICK TIP, RUBBER	4		
25	03-409701		HANDLE, JOYSTICK			
26	03-409703		BOOT, JOYSTICK	1		
TITLE	GROUND CONTROL BOX ASSEMBLY (SPECIAL) (PLATE 1 OF 2)					

SIMON AERIALS INC.

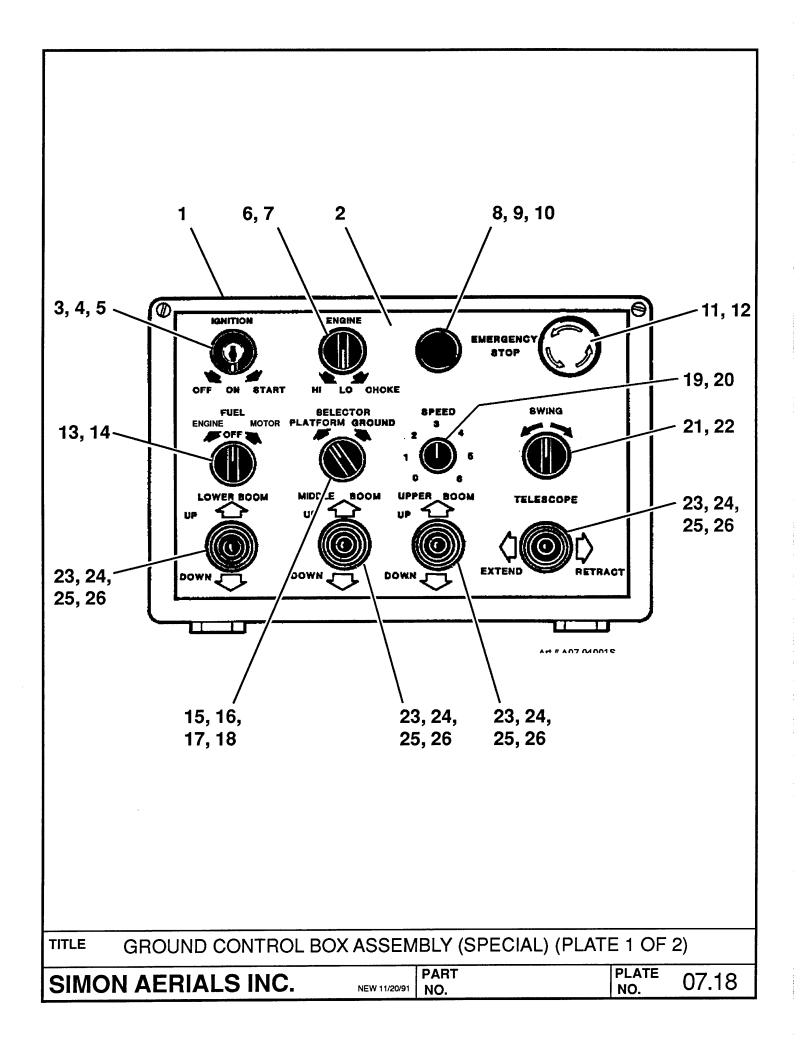
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NO.

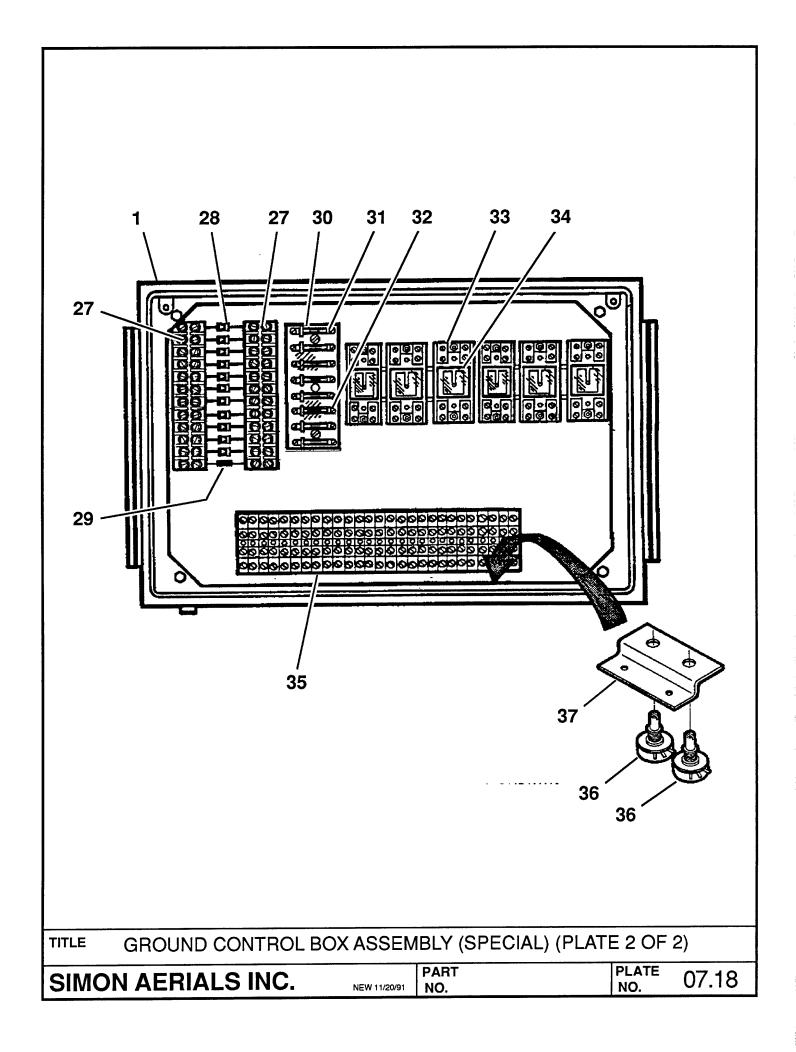
NEW 11/20/91

PLATE NO.

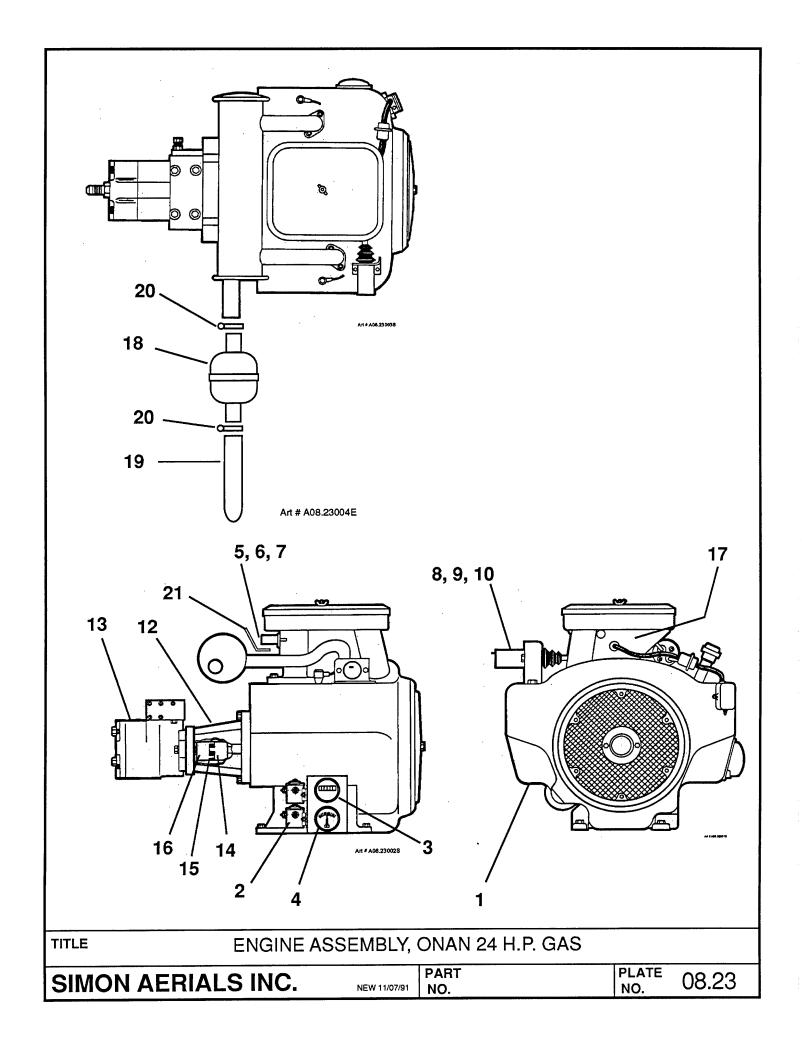
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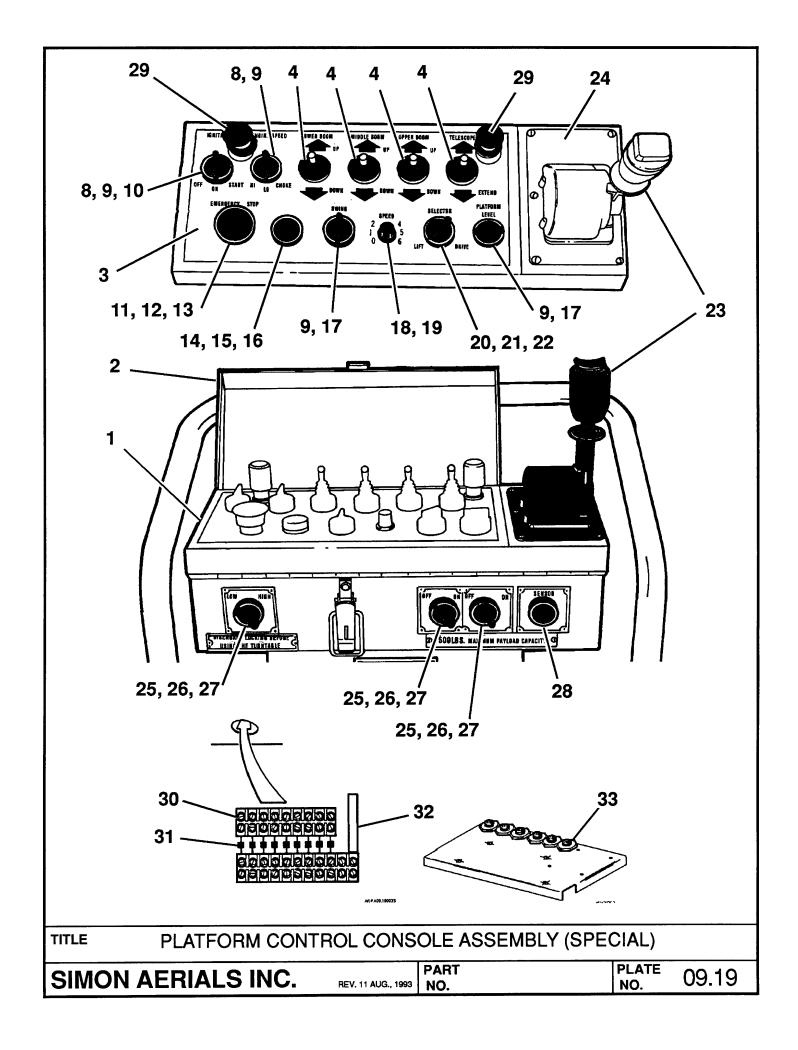
	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
27	03-412300		STRIP, TERMINAL (12 conductor, 20 Amp, 300 Volt AC)	A.R.			
28 29	03-403800 03-433000		DIODE (3 Amp, 100 Volt) RESISTOR (60 Ohm)	11			
30	03-423800		HOLDER, FUSE	1			
31 32	03-422100 03-422200		FUSE (8 Amp) (White) FUSE (16 Amp) (Red)	6 2			
33	03-037500		BASE, RELAY	6			
34 35	03-050100 03-422000		RELAY (12 Volt DC, Double pole, double throw) BLOCK, TERMINAL	7 A.R.			
36	03-432000		POTENTIOMETER (250 Ohm)	2			
37	2114210		BRACKET, POTENTIOMETER MOUNTING	1			
	:						
<u> </u>	000:::		TOU DOW ADDERVISE OF CO.				
	TITLE GROUND CONTROL BOX ASSEMBLY (SPECIAL) (PLATE 2 OF 2)						
PLAT	<sup>E</sup> 07.18	SIMO	NAERIALS INC. NEW 11/20/91 PART NO.				



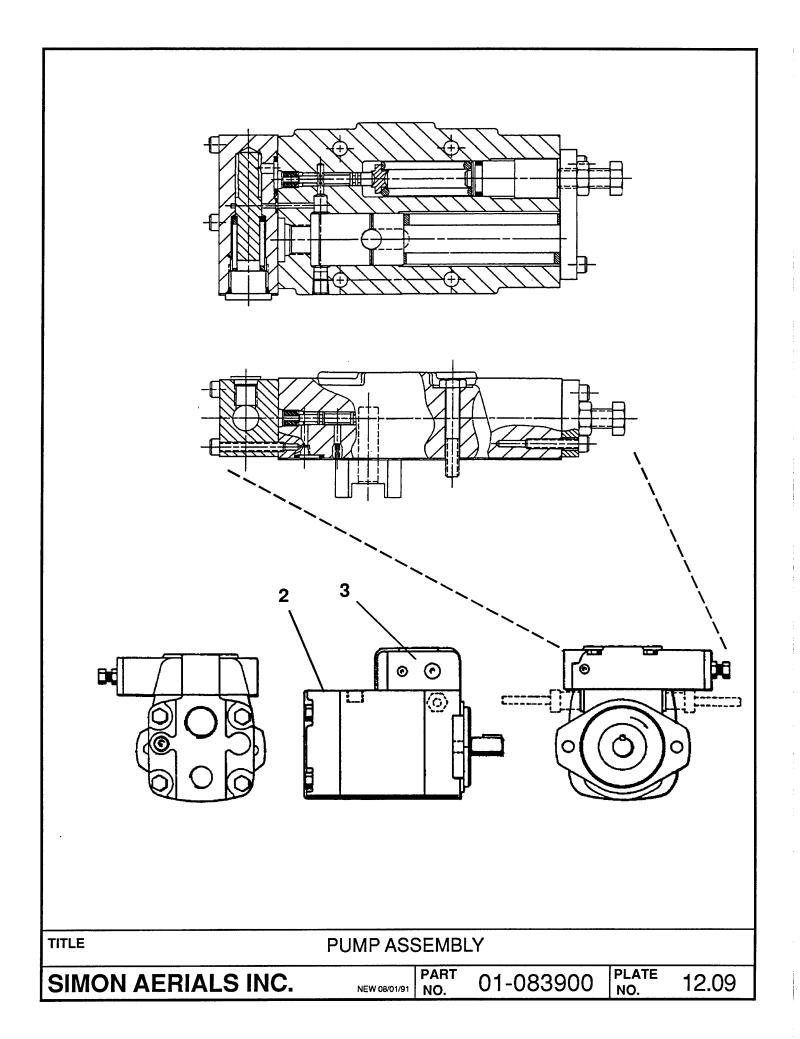
PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	09-044700		ENGINE (Onan P224) (with muffler and oil shutdown)	1	
			Note: P224 engine supercedes the earlier T260 engine.		
	09-031000		Oil dipstick on P224 is at <b>right rear</b> of engine. ENGINE (Onan T260G-GA024, 24 HP Gas)	1	
	00 00 .000		Note: T260 engine has been superceded by the P224		
			engine. Oil dipstick on T260 is at left front of engine.		
2	03-051300		RELAY (Single pole, single throw) HOUR METER (12 Volt DC)	1 1	
3 4	03-030500 03-030400		AMMETER (12 Voil DC)		
5	03-414400		SOLENOID, CHOKE (12 Volt DC, 60 Ohm, 24 Watt)	1	
6	2109010		BRACKET, ELECTRIC CHOKE	1	
7	10-070000 03-414500		SPRING, EXTENSION   SOLENOID, THROTTLE (12 Volt DC)	1	
8	2117740		BRACKET, THROTTLE (12 VOIL DC)	1	
10	2121190		BRACKET, THROTTLE	1	
11	03-074000		CABLE ASSEMBLY, POWER [9-3/4" (24.8 cm) long]	1	
12 13	02-018300 01-073100		ADAPTER, DRIVE PUMP HYDRAULIC PUMP	1	
14	02-018800		COUPLING HALF (Engine side) [1-1/8" (28.6 mm) bore]	1	
15	02-018200		INSERT, COUPLING (Urethane)	1	
16	02-018000		COUPLING HALF (Pump side) [3/4" (19 mm) bore]	1 1	
17 18	2131450 09-033700		SPACER, AIR CLEANER MUFFLER (Spark arresting)	1	
19	09-031700		TAIL PIPE [1-3/4" (44 mm) I.D. x 11-3/4" (29.8 cm) long]	1	
20	09-004500		CLAMP, MUFFLER [1-7/8" (48 mm)]	1	
21	2120880		SHIELD, HEAT	1	
TITLE ENGINE ASSEMBLY, ONAN 24 H.P., GAS					
PLATE NO. 08.23 SIMON AERIALS INC. NEW 11/07/91 PART NO.					
	-	L			



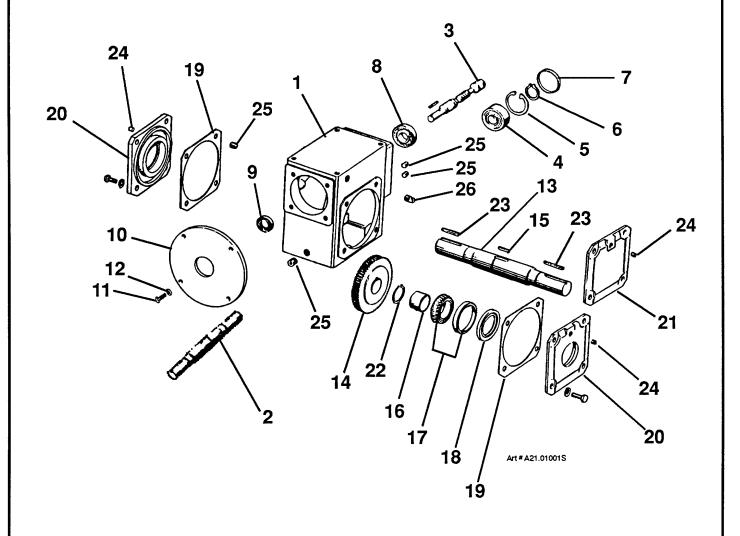
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	10-086100	<u> </u>	ENCLOSURE, PLATFORM CONTROL	1		
2	10-086000		COVER, PLATFORM CONTROL	1		
3	10-091900		DECAL, PLATFORM CONTROL	1		
4	03-409700		CONTROL, JOYSTICK	4		
5	03-409701		TIP, RUBBER	1		
- 6	03-409702		HANDLE, JOYSTICK	1		
7	03-409703		BOOT, JOYSTICK	1		
8	03-411700		SWITCH, 3 POSITION ROTARY (Ignition and Engine speed)	2		
9	03-407600		BASE AND CONTACT BLOCK ASSEMBLY			
	20 100500		(includes base and two normally open contact blocks)	4		
10	03-409500		BLOCK, CONTACT (normally closed) SWITCH, PUSH BUTTON (Emergency stop)			
11 12	03-409800 03-454900		BASE, SWITCH MOUNTING	1		
13	03-437300		BLOCK, CONTACT (Normally closed)	¦		
14	03-409400		BASE, PILOT LIGHT (7 contact) (12 Volt)			
15	03-409401		BULB, PILOT LIGHT (12 Voit)			
16	03-410300		LENS, PILOT LIGHT (Blue)	1		
17	03-407500		SWITCH, SELECTOR (3 position) (Level and Swing)	2		
18	03-411100	***************************************	POTENTIOMETER (100 Ohm) (Function speed)	1		
19	10-088300		KNOB, POTENTIOMETER (Function speed)	1		
20	03-410000	************	SWITCH, 2 POSITION ROTARY (2 maintained contact)	:::::::::::::::::::::::::::::::::::::::		
			(Lift/ Drive selector)	1		
21	03-454900		BASE, SWITCH MOUNTING			
22	03-437300	00.00	BLOCK, CONTACT (Normally closed)	4		
23 24	• 3515850 2126370	29.03	CONTROLLER, DRIVE PLATE, DRIVE CONTROLLER MOUNTING			
25	03-410000		SWITCH, 2 POSITION ROTARY (2 maintained contact)	'		
23	03-410000		(Drive speed, running and work lamps)	3		
26	03-454900		BASE, SWITCH MOUNTING	3		
27	03-437300		BLOCK, CONTACT (Normally closed)	3		
28	03-421900	***************************************	PUSH BUTTON (Blue, booted head,			
			replaces green color originally provided)	] 1		
29	03-031200	500000000000000000000000000000000000000	LAMP, CONTROL PANEL	2		
30	03-412300		STRIP, TERMINAL (12 pole, 20 Amp)	A.R.		
31	03-061800		DIODE (600 Vait)	9		
92	03-433000		RESISTOR (60 Ohm)	1		
33	10-083300		CLAMP, CABLE	6		
TITLE	DIA	TEORM	CONTROL CONSOLE ASSEMBLY (SPECIAL)			
PLAT	<sup>E</sup> 09.19	SIMO	NAERIALS INC. REV. 11 AUG., 1993 PART NO.			
NO.	30110		IV.			



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRI	PTION		QTY.	
1	01-083900		PUMP ASSEMBLY, HYDRA			1	
2			PUMP, HYDRAULIC COMPENSATOR ASSE	MBLY. FLOW		1 1	
		·					
200000000000000000000000000000000000000							
TITLE			PUMP ASSEMBL	Y			
PLAT		OINCO			PART O4 0000		
NO.	<sup>E</sup> 12.09	SIMO	N AERIALS INC.	NEW 08/01/91	PART 01-0839	UU	



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1	02-012421	:	HOUSING, PLATFORM ROTATOR	1			
2	02-012402		SHAFT, INPUT	1			
3	02-012426		GEAR, WORM	1			
4 5	02-012420 02-012414		BEARING RING, LOCK				
6	02-012405		RING, LOCK	4			
7	02-012415		CAP, END	1			
8	02-012425		BEARING	1			
9	02-012423		SEAL, OIL	1			
10	3511510		FLANGE KIT, PLATFORM	1			
11	02-012424		CAPSCREW				
12	02-012422		WASHER, LOCK SHAFT, OUTPUT	1			
13 14	02-012403 02-012404		GEAR				
15	02-012407		KEY				
16	02-012409		SPACER	1			
17	02-012406		BEARING	1 1			
18	02-012410		SEAL, OIL	1			
19	02-012417		SHIM [0.007 (.18 mm) thick]	A.R.			
	02-012418		SHIM [0.011 (.28 mm) thick]	A.R. A.R.			
20	02-012416 02-012412		SHIM [0.019 (.48 mm) thick] SEAL CAGE, REDUCER	A.n. 2			
21			GOVER, END				
22	02-012408		RING, LOCK	1			
23	02-012427		KEY	2			
24	02-012411		PIPE PLUG, REDUCER	3			
25	02-012419		PIPE PLUG, REDUCER	4			
26	02-012428		PLUG, VENT	1			
				1			
TITLE	TITLE PLATFORM ROTATOR (40:1 WORM SPEED REDUCER)						
	PLATE 21.01 SIMON AERIALS INC. REV. 11/20/91 PART NO. 02-012400						
NO.	۱.0۱	SINIO	NACRIALS INC. REV. 11/20/91 NO. UZ-U1Z4	. 00			



TITLE

PLATFORM ROTATOR (40:1 WORM SPEED REDUCER)

SIMON AERIALS INC.

REV. 11/20/91

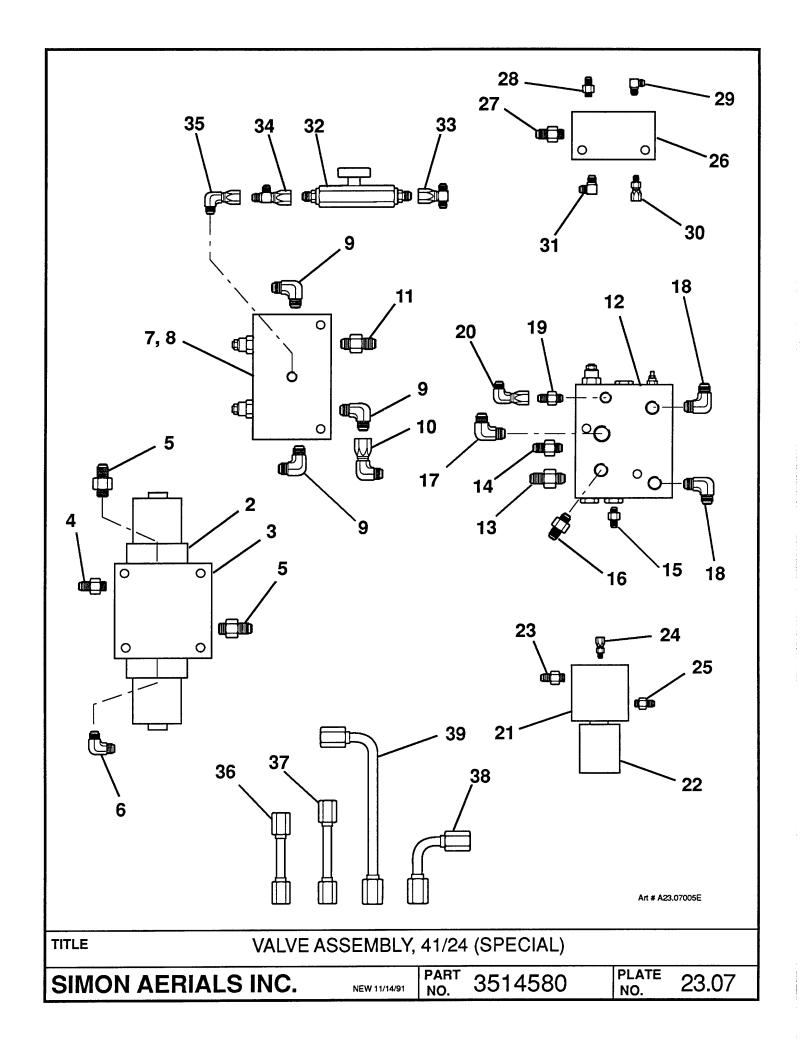
PART 02

02-012400

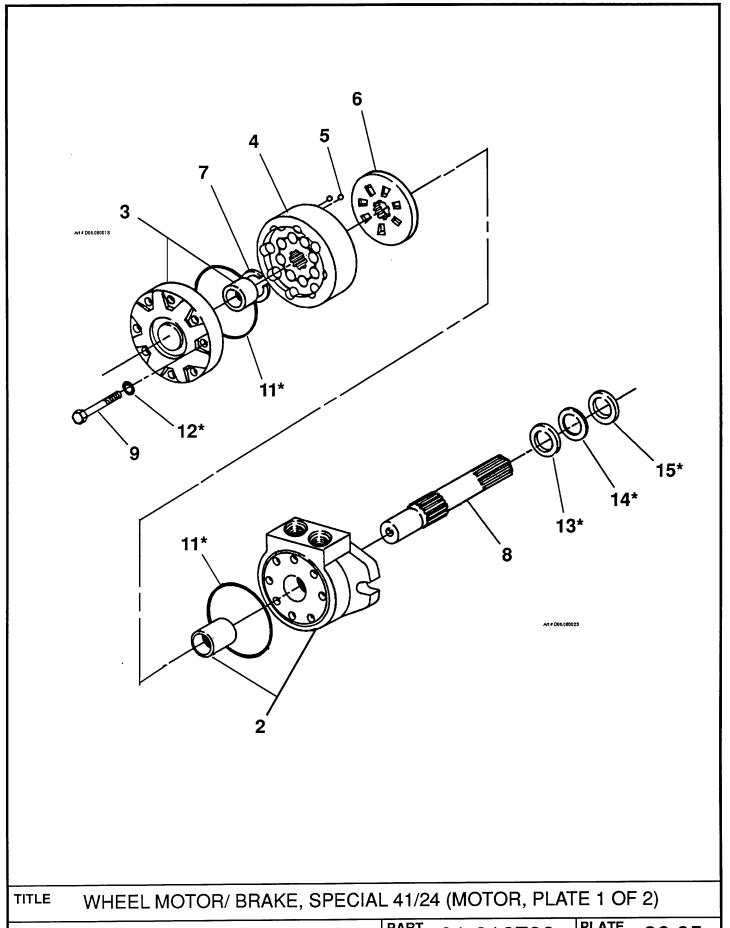
PLATE NO.

21.01

	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
1	3514580		VALVE ASSEMBLY, UNDERCARRIAGE	1	
2	01-069300		VALVE, DIRECTIONAL CONTROL (12 Volt)	1	
3	01-073300		SUBPLATE, VALVE	1	
4	06-001300		CONNECTOR, MALE (8-8 FTX)	1	
5	06-001700		CONNECTOR, MALE (12-8 FTX)	2	
6	06-005000		ELBOW, MALE (12-8 CTX)	1	
7	01-012400		VALVE, MOTION CONTROL	1	
8	01-012401		SEAL KIT, MOTION CONTROL VALVE	1	
9	06-045500		ELBOW, STRAIGHT THREAD (12-10 C50X)	3	
10	06-051800		ELBOW, SWIVEL NUT (12 C6X) CONNECTOR, STRAIGHT THREAD (12 F50X)	1	
11 12	06-040800 01-084200		VALVE, SERIES/ PARALLEL	1	
13	06-041000		CONNECTOR, STRAIGHT THREAD (12-10 F50X)	1	
14	06-040300		CONNECTOR, STRAIGHT THREAD (8-10 F50X)		
15	06-039300		CONNECTOR, STRAIGHT THREAD (4 F50X)	1	
16	06-040700		CONNECTOR, STRAIGHT THREAD (10 F50X)	1	
17	06-045500		ELBOW, STRAIGHT THREAD (12-10 C50X)	1	
18	06-045200		ELBOW, STRAIGHT THREAD (10 C50X)	2	
19	06-039800		CONNECTOR, STRAIGHT THREAD (6 F50X)	1	
20	06-051500		ELBOW, SWIVEL NUT (6 C6X)	1	
21	01-037100		VALVE, 3 WAY SOLENOID	1	
22	01-037198		COIL, SOLENOID VALVE (12 Volt)		
23	06-000700 06-197500		CONNECTOR, MALE (6 FTX) FITTING (JIC Female swivel) (4-4 F6X)	4	
24 25	06-000400		CONNECTOR, MALE (4-4 FTX)	1	
26	2131560		MANIFOLD, VALVE		
27	06-001300		CONNECTOR, MALE (8-8 FTX)	1	
28	06-000400		CONNECTOR, MALE (4-4 FTX)	1	
29	06-003500		ELBOW, MALE (4-4 CTX)	1	
30	06-197700		FITTING, JIC FEMALE SWIVEL (6 F6X)	1	
31	06-003800		ELBOW, MALE (6 CTX)	1 1	
32	01-018900		VALVE, FLOW CONTROL (Restrictor valve)	1	
33	06-050000		BRANCH TEE, STRAIGHT THREAD (6 S50X)	1	
34	06-048500		RUN TEE, STRAIGHT THREAD (6 R50X)		
35	06-051500		ELBOW, SWIVEL NUT (6:C6X) TUBE ASSEMBLY [Straight, 2-1/4" (57 mm) long]		
36 37	2131390 2131400		TUBE ASSEMBLY [Straight, 2-1/4" (37 mm) long]	1	
38	2131410		TUBE ASSEMBLY [Ell, 3-7/16" x 2-13/16" (87 x 71 mm)]		
39	2131420		TUBE ASSEMBLY [Ell, 7" x 3-3/8" (178 x 86 mm) long]	i	
			, , , , , , , , , , , , , , , , , , , ,		
TITLE	TITLE VALVE ASSEMBLY, 41/24 (SPECIAL)				
PLATE 23.07 SIMON AERIALS INC. NEW 11/14/91 PART NO. 3514580					
NO.			NACIALS INC. NEW 11/14/91 NO. 33 14300		



	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCR			QTY.
1 2	01-016700		MOTOR ASSEMBLY (See BODY ASSEMBLY, MO			,
3			COVER ASSEMBLY (w	th bearing)	9/	1
4 5			IGR ASSEMBLY (with ri BALL, CHECK VALVE	ng)		1 2
6			VALVE, ROTARY			1
7 8			RING, SNAP SHAFT, MOTOR			1 1
9		,	CAP SCREW, SOCKET	HEAD		8
10	01-016701		SEAL KIT, MOTOR  Note: Items included in s	eal kit marked by	asterisk (*)	1
11			SEAL SQUARE RING	,	,,	2
12 13			SEAL, WASHER SEAL, QUAD RING			8 1
14			RING, BACK UP			1
15			SEAL, DUST			1
TITLE	WHEEL	MOTOR/	BRAKE, SPECIAL 41/24	4 (MOTOR, PL	ATE 1 OF 2)	
PLAT NO.	<sup>E</sup> 26.05	SIMO	N AERIALS INC.	REV. 19 AUG., 1993 NC	O. 01-0167	700



SIMON AERIALS INC.

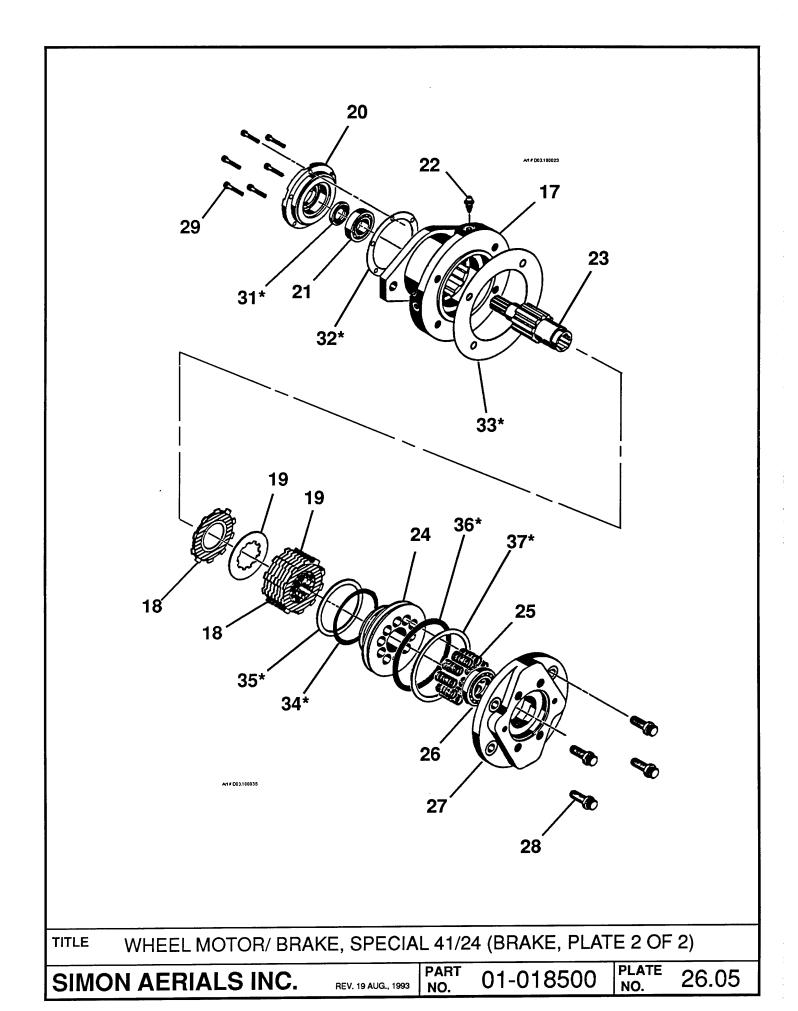
REV. 19 AUG., 1993

PART NO. 01-016700

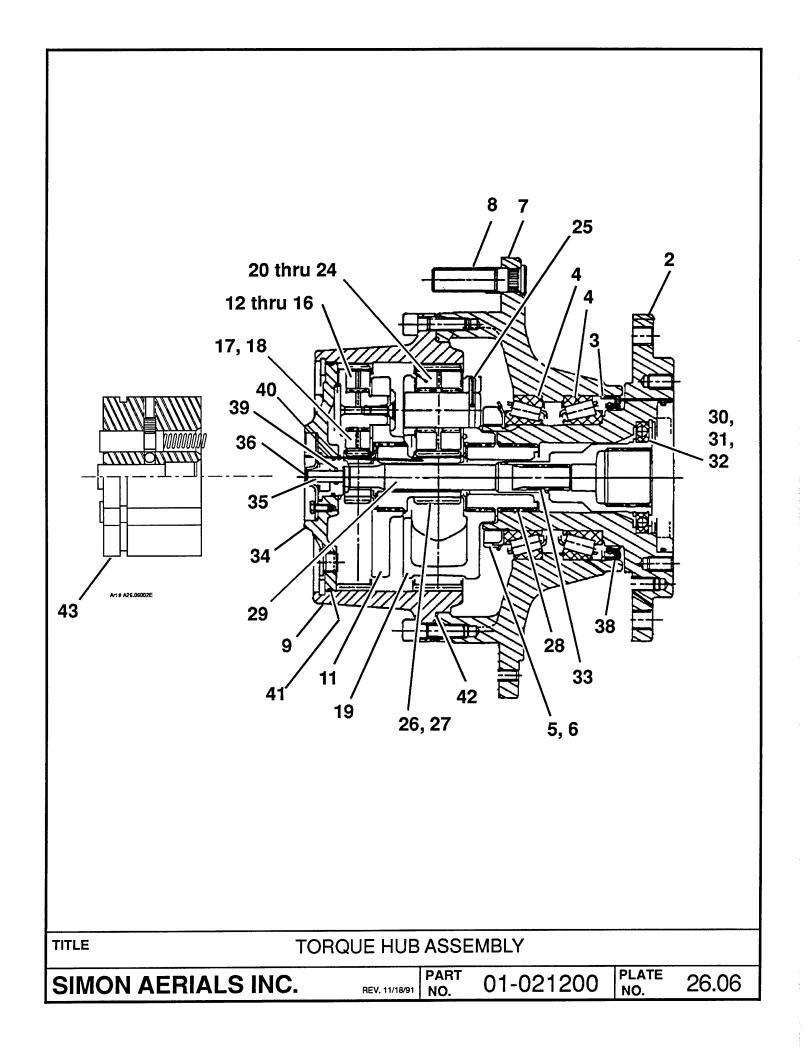
PLATE , NO.

26.05

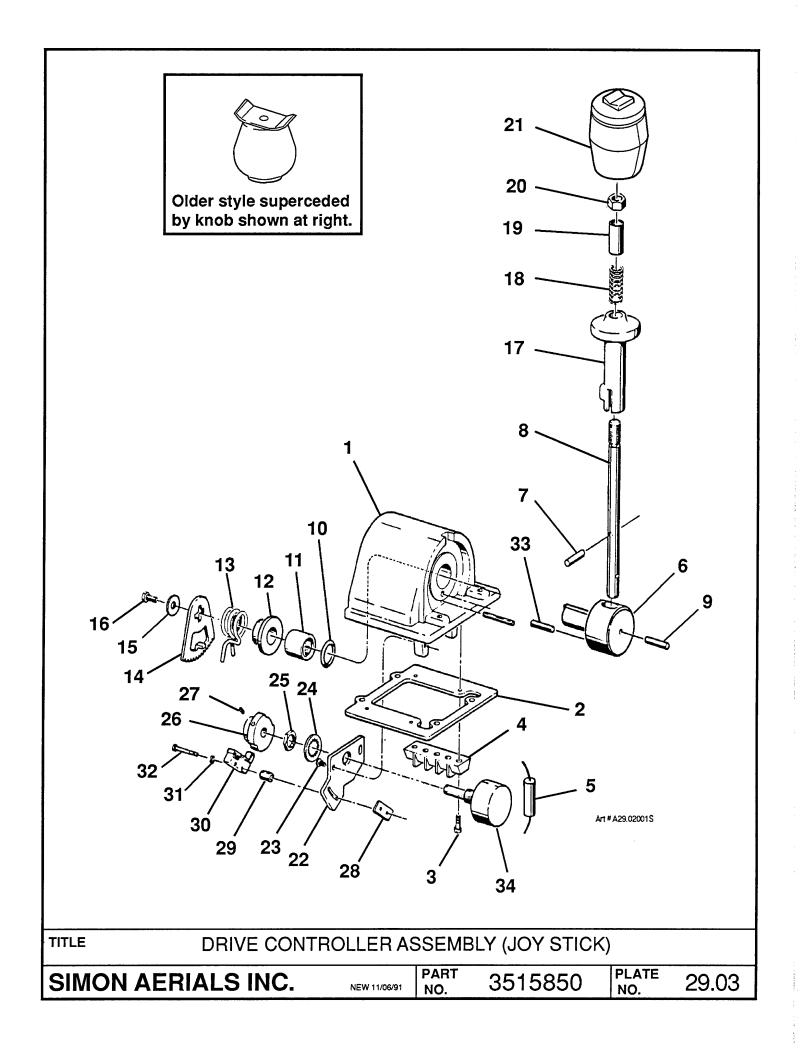
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
16	01-018500		BRAKE ASSEMBLY (See plate 1 of 2 for motor)	1		
17 18		:	CASE DISC, FRICTION	1 8		
19			PLATE, SEPARATOR	7		
20 21			PLATE, BASE BEARING	1		
22			FITTING, PRESSURE BLEED	1		
23			SHAFT	1		
24 25			PISTON SPRING	10		
26			BEARING	1		
27 28	01-018501		COVER CAP SCREW, TWELVE POINT	4		
29	01-010001		CAP SCREW, SOCKET HEAD	6		
30	01-012101		SEAL KIT, BRAKE  Note: Items included in seal kit marked by asterisk (*)	1		
31			SEAL, SHAFT	1		
32			GASKET, BASE PLATE	1		
33 34			GASKET, COVER "O"-RING			
35			RING, BACK UP	1		
36 37			"O"-RING RING, BACK UP			
٥,			Tilling, Dright Gr			
		,				
TITLE	\\/\LEI	MOTOP	/ BRAKE, SPECIAL 41/24 (BRAKE, PLATE 2 OF 2)			
PLAT			DADT	:00		
NO.	26.05	SIMO	NAERIALS INC. REV. 19 AUG., 1993 NO. 01-0185	DUU		



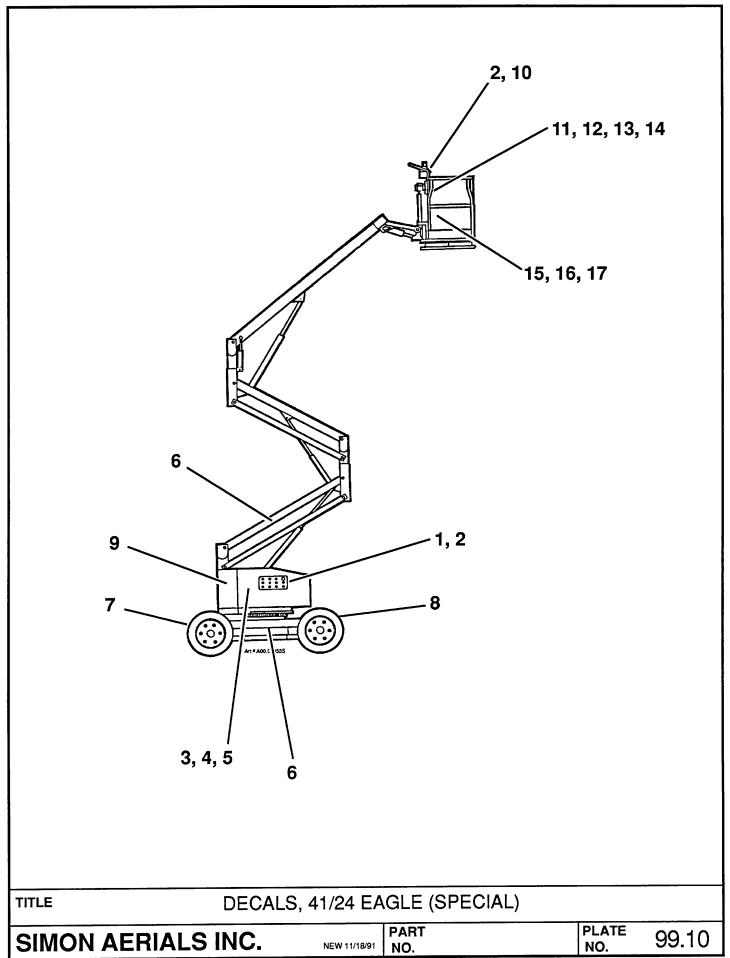
	PARTS LIST					
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.		
1	02-021200		WHEEL DRIVE ASSEMBLY, PLANETARY (19.1:1)	1		
2			SPINDLE	1		
3			RING, RETAINING BEARING	1 2		
4 5			LOCK NUT, BEARING RETAINER	1		
6			WASHER	1		
7			HUB, OUTPUT	1		
8			STUD, WHEEL	9		
9			GEAR, RING (First and second stage)	1		
10 11			PLANETARY REDUCTION  CARRIER, FIRST STAGE	-		
12			GEAR, PLANET	3		
13			BEARING, NEEDLE	84		
14			PIN, PLANET GEAR	3		
15			WASHER, THRUST	6		
16 17			RING, RETAINING SUN GEAR, FIRST STAGE	3		
18			RING, RETAINING	1		
19		***************************************	CARRIER, SECOND STAGE	1		
20			GEAR, PLANET	3		
21			BEARING, NEEDLE	138		
22 23			SPACER PIN, PLANET GEAR	3 3		
23 24			WASHER, THRUST	6		
25			ROLL PIN	3		
26			SUN GEAR, SECOND STAGE (Central pinion)	1		
27			RING, RETAINING	2		
28 29			COUPLING SHAFT, INPUT	1 +		
30			BEARING, INPUT	1		
31			RING, RETAINING	1		
32			RING, RETAINING	1		
33			SPRING	1		
34 35			COVER, DISCONNECT PIN, DISCONNECT	-		
36			CAP, DISCONNECT	1		
37			SEAL KIT, HUB	1		
38			SEAL, HUB TO SPINDLE	1		
39			"O"-RING	1		
40			"O"-RING "O"-RING	7		
41 42			"O"-RING	1		
43			HUB ASSEMBLY, LOCKING	•		
TITLE			TORQUE HUB ASSEMBLY			
PLAT	E 26.06	SIMO	NAERIALS INC. REV. 11/18/91 PART 01-02120	00		
NO.	20.00	<u> </u>	NACRIALS INC. REV. 11/18/91 NO. UT-UZ IZV			



	PARTS LIST				
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.	
	03-426400		DRIVE CONTROLLER (does not include item 34)		
1 2	03-027229		HOUSING, DRIVE CONTROLLER GASKET, PANEL	1	
3	03-021223		MACHINE SCREW, FILLISTER HEAD	4	
4	03-426406		BLOCK, TERMINAL	2	
5	03-061900		DIODE	1	
6 7	03-426405		HANDLE, CONTROL PIN	1	
8			EXTENSION, CONTROL HANDLE		
9			PIN, GROOVED	1	
10			"O"- RING	1	
11	03-027233		BEARING, LOW FRICTION GUIDE, SPRING	1	
13	03-027232		SPRING, TORSION	1	
14	03-027234		SECTOR, GEAR	1	
15			WASHER, FLAT (SAE)	1	
16 17	03-027221		MACHINE SCREW, HEX HEAD SLIDE LOCK, CONTROL HANDLE	1	
18	03-027215		SPRING, SLIDE LOCK	1	
19	03-027219		SLEEVE, HANDLE	1	
20	20 (00)		NUT, HEX	1	
21 22	03-426407		GRIP ASSEMBLY, ROCKER SWITCH PLATE, POTENTIOMETER MOUNTING	1	
23			MACHINE SCREW, PAN HEAD	2	
24	:		WASHER, LOCK	1	
25 26	03-426404		NUT, HEX SPUR GEAR AND CAM	1	
20 27	03-420404		SET SCREW, HEX SOCKET		
28			PLATE, FASTENER	1	
29			SPACER	2	
30	03-037400		SWITCH, ROLLER LEVER (supercedes part numbers 03-027217 and 03-426402)	2	
31			WASHER, LOCK	2	
32			MACHINE SCREW, FILLISTER HEAD	2	
33			PIN, GROOVED		
34	03-432000		POTENTIOMETER (250 Ohm)	1	
TITLE		DRIVE	CONTROLLER ASSEMBLY (JOY STICK)		
PLAT	E 00.00		DADT	$\overline{}$	
NO.	<sup>-</sup> 29.03	211/10	NAERIALS INC. NEW 11/06/91 NO. 3515850	<i>J</i>	



	PARTS LIST						
ITEM	PART NO	SEE SECTION	DESCRIPTION	QTY.			
1			PLATE (Etched), GROUND CONTROL (labelled "A209")	1			
2			PLATE (Etched), "Disengage lockpin"	2			
3			(labelled "10-084900") PLATE (Etched), "Emergency systems and procedures"	2			
J			(labelled "CFPN 8840148-1")	1			
4			PLATE (Etched), "Instructions pour l'operation du systeme				
_ :			d'urgence" (labelled "CFPN 8940145-1")	1			
5			PLATE (Etched), "Caution, for Hydraulic fluid" PLATE (Etched),	'			
			"Vehicle tow procedure push valve handle in."	4			
7			PLATE (Etched),				
8			"Vehicle tow procedure Max. towing speed 20 MPH" PLATE (Etched),	2			
			"Caution, steer system must be disengaged"	2			
9			PLATE (Etched), "Danger, Electrocution Hazard" (large)				
10 11	10-091900		PLATE (Etched), PLATFORM CONTROL PLATE (Etched), "Low/ High, Drive"	4			
12			PLATE (Etched), "Off/ On, Running Lights"	1			
13			PLATE (Etched), "Off/ On, Work Lights"	1			
14 15			PLATE (Etched), "Sensor Override" PLATE (Etched), "500 Lb. payload capacity"	1			
16			PLATE (Etched), "Beware, Potential Hazard"	1			
17			PLATE (Etched), "Danger, Electrocution Hazard" (small)	3			
18 19	10-083200 10-089500		DECAL, "41/24" TAPE, MARKING [Yellow, 2" (51 mm) wide]	A.R.			
20	10-089600		VINYL TRIM [100' (30.5 M) roll]	A.R.			
		_					
	TITLE DECALS, 41/24 EAGLE (SPECIAL)						
PLAT NO.	<sup>E</sup> 99.10	SIMO	NAERIALS INC. NEW 11/18/91 PART NO.				



NO.