SKYJACK

OPERATION MANUAL

SJ3215, SJ3219, SJ3220, SJ3226, SJ4726, SJ4732, SJ4740

DC ELECTRIC SCISSORS

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Table of Contents

Section 1 – About this Mobile Elevating Work Platform (MEWP) 9

1.1 Read and Heed 9

1.1-1 Mobile Elevating Work Platform (MEWP) definition 9

1.1-2 Purpose of equipment 9

1.1-3 Use of equipment 9

1.1-4 Operation manual 9

1.1-5 Operator 9

1.1-6 Service policy and warranty 9

1.1-7 Ownership of Machine 9

1.1-8 Optional Accessories 9

1.1-9 Scope of this Manual 9

1.2 Primary assemblies 10

1.3 Serial number nameplate 11

1.4 Maintenance responsibility 12

1.4-1 Operator 12

1.4-2 Maintenance and inspection schedule 12

1.4-3 Owner 12

Section 2 – General Safety Precautions 13

2.1 Electrocution hazards 13

2.1-1 Minimum distance from electrical conductors 13

2.2 Safety instructions 14

2.3 Fall-protection 17

2.4 Worksite inspection 17

Section 3 – Familiarization 19

3.1 Overview of the MEWP 20

3.2 Manual storage box 21

3.3 Control functions 21

3.3-1 Main power disconnect switch 21

3.3-2 Base control console 21

3.3-3 Platform control console 22

3.4 Features and Devices 23

3.4-1 Lowered travel position and elevated travel position 23

3.4-2 Drive speed 23

3.4-3 Tilt switch 23

3.4-4 Brake release system 24

3.4-5 Freewheeling valve 24

MidWestTech | Skyjack SJ3215, SJ3219, SJ3220, SJ3226, SJ4726, SJ4732, SJ4740 Electri... Order the manual at mid-west-tech.com >

3.4-6 *Emergency-lowering system* . . . 25
3.4-7 *Fall-protection anchorage* . . . 25
3.4-8 *Platform load-sensing system* . . . 26
3.4-9 *Pothole protection* . . . 26
3.4-10 *Maintenance support(s)* . . . 27
3.5 General components . . . **27**
3.5-1 *AC power socket on the platform* . . . 27
3.5-2 *Battery charger* . . . 27
3.5-3 *Folding-guardrail system* . . . 28
3.5-4 *Extension platform* . . . 28
3.5-5 *Motion alarm* . . . 28
3.5-6 *Skycoded™ display panel* . . . 28
3.5-7 *Dual height control console (SJ3226 and SJ4740)* . . . 29
3.6 Optional equipment . . . **29**
3.6-1 *Power deck control console (SJ3220 and SJ4726)* . . . 29
3.6-2 *1500 W inverter* . . . 30
3.6-3 *Secondary Guarding Lift Enable (SGLE) push-button* . . . 30
3.6-4 *Elevate™ telematics - access control unit* . . . 30
3.6-5 *ECOTray Leak Containment System* . . . 32

Section 4 – Inspections Before Operation . . . 33
4.1 Operator's Responsibility . . . **33**
4.2 Visual and daily maintenance inspections . . . **34**
4.2-1 *Labels* . . . 34
4.2-2 *Pothole protection limit switches* . . . 34
4.2-3 *Electrical* . . . 34
4.2-4 *Hydraulic* . . . 34
4.2-5 *Wheel/tire assembly* . . . 35
4.2-6 *Entrance side* . . . 36
4.2-7 *Battery tray side* . . . 37
4.2-8 *Extension side* . . . 38
4.2-9 *Hydraulic and electric tray side* . . . 39
4.2-10 *Platform assembly* . . . 40
4.2-11 *Lift mechanism* . . . 41
4.3 Function Tests . . . **42**
4.3-1 *Do a test of the main power disconnect switch* . . . 42
4.3-2 *Do a test of the control module and load sensing module self-check* . . . 42
4.3-3 *Do a test of the emergency-stop button on the base* . . . 42
4.3-4 *Do a test of the* **off**/**platform**/**base key** *switch* . . . 43
4.3-5 *Do a test of the lower/neutral/raise switch* . . . 43
4.3-6 *Do a test of the emergency-lowering function* . . . 43
4.3-7 *Do a test of the freewheeling function* . . . 44
4.3-8 *Do a test of the emergency-stop button on the platform* . . . 44

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4.3-9 Do a test of the function-enable switch . . . 45
4.3-10 Do a test of the steer function . . . 45
4.3-11 Do a test of the drive function . . . 45
4.3-12 Do a test of the anti-tiedown function . . . 45
4.3-13 Do a test of the brakes . . . 46
4.3-14 Do a test of the platform raise and lower functions . . . 46
4.3-15 Do a test of the horn . . . 46
4.3-16 Do a test of the pothole protection device . . . 47
4.3-17 Do a test of the elevated travel speed . . . 47
4.3-18 Do a test of the dual height control console (SJ3226 and SJ4740) . . . 48
4.3-19 Do a test of the power deck control console (optional equipment for SJ3220 and SJ4726) . . . 49
4.3-20 Do a test of the SGLE switch (optional equipment) . . . 49
4.3-21 Do a test of the flashing light (optional equipment) . . . 50
4.4 Operator's Checklist . . . 51

Section 5 – Operation . . . 53
5.1 Energize the base control console . . . 53
5.2 Raise or lower the platform with the base control console . . . 53
5.3 Energize the platform control console . . . 54
5.4 Raise or lower the platform with the platform control console . . . 54
5.5 Drive forward or rearward . . . 55
5.6 Steer . . . 55
5.7 Select the level-drive or inclined-drive mode . . . 55
5.8 Extend/retract the extension platform . . . 56
5.8-1 Extend/retract the extension platform manually . . . 56
5.8-2 Extend/retract the extension platform with the power deck (optional equipment for SJ3220 and SJ4726) . . . 56
5.9 Electrical inverter (optional equipment) . . . 56
5.10 Raise and lower with the SGLE platform control console (optional equipment) . . . 57
5.11 MEWP shutdown . . . 57

Section 6 – Procedures . . . 59
6.1 Use the emergency-lowering function . . . 59
6.2 Open the freewheeling valve . . . 59
6.3 Release the brakes manually . . . 60
6.4 Winch and tow the MEWP . . . 61
6.5 Use the platform control console from the ground . . . 62
6.5-1 Disconnect and remove the platform control console . . . 62
6.5-2 Operate the MEWP from the ground . . . 62
6.6 Move the MEWP for transport . . . 64
6.6-1 Hoist the MEWP . . . 64
6.6-2 Drive and tie-down the MEWP . . . 65
6.7 Charge the Battery . . . 65
6.8 Use the Maintenance Support(s) . . . 67

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5.3 Energize the platform control console

1. Turn the **main power disconnect** switch to the on position.

⚠ WARNING

If you do not hear a beep, and the light does not come on, lock and tag the MEWP. Remove the MEWP for servicing. If you do not obey, there is a risk of death or serious injury.

2. Pull the **emergency-stop** button on the base control console.
3. Turn the **off/platform/base key** switch to the platform position.

⚠ WARNING

Fall hazard. Use the three points of contact principle when you use the MEWP ladder to enter or exit the platform. If you do not obey, there is a risk of death or serious injury.

4. Use the MEWP ladder to enter the platform.
5. Close the gate.
6. Pull the **emergency-stop** button on the platform control console.

5.4 Raise or lower the platform with the platform control console

1. Energize the platform control console (refer to *Section 5.3*).

⚠ WARNING

Tip-over hazard. Use the wind rating to select the correct height mode—indoor (no wind) or outdoor (wind) before you raise the MEWP. If you do not obey, there is a risk of death, serious injury, and/or MEWP damage.

2. For SJ3226 and SJ4740 only:
   Lift the **dual height** switch and select the indoor (no wind) or outdoor (wind) position.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

3. Move the **lift/off/drive** switch to the lift position.
4. Squeeze and hold the **function-enable** switch.
5. Move the **controller handle** forward or rearward to go to the necessary height

NOTE

The lower function is not proportional.

6. Move the **controller handle** to the neutral central position to stop. Release the **function-enable** switch.

⚠ WARNING

Push the emergency-stop button when you are at the necessary location or elevation. This prevents unintended MEWP movement. If you do not obey, there is a risk of death or serious injury.

⚠ WARNING

If the tilt alarm makes a sound, and the platform does not rise or does not fully rise:

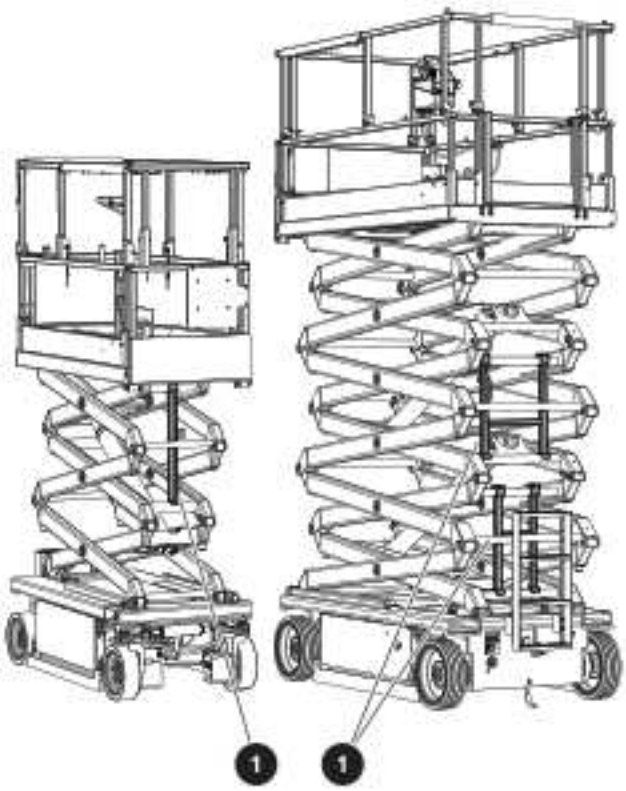
1. **Fully lower the platform immediately.**
2. **Make sure the MEWP is on a firm, level surface.**

If you do not obey, there is a risk of death or serious injury.

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6.8 Use the Maintenance Support(s)

Maintenance support(s) ❶ are a mechanism on the scissor assembly. When they are in the correct position, they can hold the scissor assembly and an empty platform.



⚠ WARNING

Use the maintenance support(s) when you do an inspection and/or maintenance or repairs in the confines of the lift mechanism. If you do not use the supports, there is a risk of death or serious injury.

⚠ WARNING

Crush hazard. Do not put parts of your body through the scissor assembly unless the maintenance support(s) are correctly deployed. If you do not obey, there is a risk of death or serious injury.

6.8-1 Deploy the maintenance support(s)

1. Remove all personnel and material from the platform.

⚠ WARNING

Look for overhead obstructions or other possible hazards around the MEWP when you raise the platform. Do not lower the platform unless the area below is clear of personnel and obstructions. If you do not obey, there is a risk of death or serious injury.

2. Raise the platform until there is adequate clearance to deploy the **maintenance support(s)** ❶.
3. For SJ3215, SJ3219, SJ3220, SJ3226, SJ4726, SJ4732:
   Deploy the **maintenance support**.
4. For SJ4740 only:
   a. Deploy the **lower maintenance support**.
   b. Deploy the **top maintenance support**.
5. Lower the platform until the **maintenance support(s)** touch the cross members with labels, and the platform stops.
6. Turn the **main power disconnect** switch to the off position.

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7.5 Maximum platform capacities (evenly distributed)

Model	Wind rating	Total platform capacity		Extension platform capacity		Manual side force
SJ3215	0 m/s [0 mph]	272 kg [600 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	272 kg [600 lb	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ3219	0 m/s [0 mph]	227 kg [500 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	227 kg [500 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ3220	0 m/s [0 mph]	408 kg [900 lb]	2 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	408 kg [900 lb]	1 Person	136 kg [300 lb]	1 Person	200 N [45 lbf]
SJ3226	0 m/s [0 mph]	227 kg [500 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	227 kg [500 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ4726	0 m/s [0 mph]	454 kg [1000 lb]	3 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	454 kg [1000 lb]	2 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
SJ4732	0 m/s [0 mph]	318 kg [700 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	318 kg [700 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ4740	0 m/s [0 mph]	350 kg [770 lb]	3 Persons	120 kg [265 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	350 kg [770 lb	1 Person	120 kg [265 lb]	1 Person	200 N [45 lbf]

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NOTE

Occupants and materials are not to exceed the rated load. Refer to the capacity label at the entrance of the platform and the front kick plate for more information and models equipped with options.

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DO NOT drive elevated near depressions or holes of any type, loading docks, debris, drop-offs or surfaces that may affect the stability of the MEWP.

IF OPERATION IN AREAS WITH HOLES OR DROP-OFFS IS ABSOLUTELY NECESSARY, elevated driving shall not be allowed. Position the MEWP horizontally only with the platform fully-lowered. After ensuring that all 4 wheels have contact with a firm, level surface, the platform can be raised. After elevation, the drive function must not be activated.

DO NOT ascend or descend grades greater than the maximum inclines listed in Section 7.3. Ascending or descending slopes must only be done when fully lowered.



DO NOT operate a MEWP that has ladders, scaffolding, or other devices on it to increase the platform size or work height.



DO NOT exceed the maximum side force on the platform capacity label when elevated (refer to *Section 7.5*).



DO NOT use the MEWP as a crane.



DO NOT sit, stand, or climb on the guardrails.



DO NOT climb on the scissor arm assembly.









DO NOT collide or crush. Be aware of obstructions, personnel, or other possible hazards around the MEWP when elevating, lowering, or driving. Keep all body parts inside the platform when elevating or driving. Be aware of blind spots when operating the MEWP.



DO NOT elevate the platform when the MEWP is on a truck, forklift, or other device or vehicle.



DO NOT use the MEWP when the wheels or tires are damaged (refer to *Section 4.2-5*).

Make sure the wheel nuts and cotter pins are in place.

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6.8-1 *Deploy the maintenance support(s)* . . . 67
6.8-2 *Store the maintenance support(s)* . . . 68
6.9 Guardrail lock-pin locations . . . **69**
6.10 Fold the guardrails . . . **73**
6.10-1 *Fold the guardrail system down (SJ3215, SJ3219, SJ3220, SJ3226, SJ4726, SJ4732)* . . . 73
6.10-2 *Fold the guardrail system down (SJ4740)* . . . 76
6.10-3 *Fold the Rapidfold guardrail system down (SJ3219)* . . . 79
6.10-4 *Unfold the guardrails (SJ3215, SJ3219, SJ3220, SJ3226, SJ4726, SJ4732)* . . . 80
6.10-5 *Unfold the guardrails (SJ4740)* . . . 82
6.10-6 *Unfold the Rapidfold guardrails (SJ3219)* . . . 83
6.11 Move the MEWP through a doorway . . . **84**

Section 7 – Specifications . . . **87**
7.1 Standard and optional equipment . . . **87**
7.2 Owner's Annual Inspection Record . . . **88**
7.3 Specifications . . . **89**
7.4 Environment . . . **90**
7.5 Maximum platform capacities (evenly distributed) . . . **91**
7.6 Floor loading pressure . . . **92**

Section 8 – Labels . . . **93**
8.1 Base control console labels . . . **94**
8.2 Platform control console labels . . . **95**
8.3 Dual height control console label (SJ3226 and SJ4740) . . . **96**
8.4 Power deck control console labels (SJ3220 and SJ4726) . . . **97**
8.5 Labels . . . **98**
8.5-1 *Rear* . . . 98
8.5-2 *Left side* . . . 103
8.5-3 *Platform* . . . 106
8.5-4 *Front* . . . 110
8.5-5 *Scissor assembly - rear* . . . 110
8.5-6 *Right side* . . . 113
8.5-7 *Battery tray* . . . 116
8.5-8 *Hydraulic tray* . . . 116
8.5-9 *Skycoded™ display panel* . . . 117
8.5-10 *Top view* . . . 118
8.5-11 *Rapidfold guardrail labels (SJ3219)* . . . 119

Section 9 – Unique Skyjack Features . . . **121**

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