

OPERATING MANUAL (ANSI/CSA)

DC ELECTRIC SCISSORS

MODELS SJIII 3215 SJIII 3219 SJIII 3220 SJIII 3226 SJIII 4626 SJIII 4632

158000ADA November 3 2022

SKYJACK

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Table of Contents

Section 1 - About Your Aerial Platform 5
Reed and Heed 5
Safety Rules 6

Section 2 - Familiarization 13
2.1 Familiarization of SJIII Series 13
2.2 Component Identification 14
2.3 Visual & Daily Maintenance Inspections 18
2.4 Function Tests 25
2.5 Winching and Towing Procedures 32
2.6 Emergency Lowering Procedure 34

Section 3 - Operation 35
3.1 General 35
3.2 Major Components 36
3.3 Major Assemblies 37
3.4 Serial Number Nameplate 37
3.5 Component Identification 38
3.6 Component Identification (Optional Equipment/Attachments) 41
3.7 Operator's Responsibility 44
3.8 Start Operation 45
3.9 Guardrail Folding Procedure 50
3.10 Loading/Unloading 52
3.11 Moving the Aerial Platform Through a Doorway 54
3.12 Maintenance Support Procedure 56
3.13 Battery Maintenance 57

Section 4 - Tables 61
Table 4.1 Standard and Optional Features - ANSI/CSA 61
Table 4.2 Owner's Annual Inspection Record 62
Table 4.3a Specifications and Features 63
Table 4.3b Specifications and Features 64
Table 4.4 Floor Loading Pressure 65
Table 4.5 Maximum Platform Capacities (Evenly Distributed) 67
Table 4.6 Maintenance and Inspection Schedule 68
Table 4.7 Operator's Checklist 69

Section 5- Labels 71

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3.8-3 To Activate Platform Control Console

1. Turn main power disconnect switch to "I"on position.
2. On base control console, pull out "●" emergency stop button.
3. Select off/platform/base key switch to "⛟" platform position.

⚠ WARNING

Ensure that you maintain three points of contact when using the ladder to mount/ dismount platform.

4. Use the ladder of aerial platform to access platform.
5. Close the gate.
6. On platform control console, pull out "●" emergency stop button.

3.8-4 To Raise or Lower Platform Using Platform Control Console

⚠ WARNING

Be aware of overhead obstructions or other possible hazards around the aerial platform when lifting.

⚠ WARNING

Do not lower the platform unless the area below is clear of personnel and obstructions.

1. Activate platform control console (refer to Section 3.8-3).
2. Select lift/off/drive switch to "↑↓" lift position.
3. Activate and hold "⛹" enable trigger switch.
4. Move controller handle forward or backward until desired height is reached.

NOTE

Lowering is not proportional.

5. Return controller to neutral center position to stop. Release "⛹" enable trigger switch.

⚠ WARNING

To protect against unintended movement of the aerial platform, push in the emergency stop button after you have arrived at your desired location or elevation.

NOTE

If the tilt alarm sounds and the platform does not, or only partially raises, immediately lower the platform completely and ensure that the aerial platform is on a firm level surface.

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Table 4.5 Maximum Platform Capacities (Evenly Distributed)

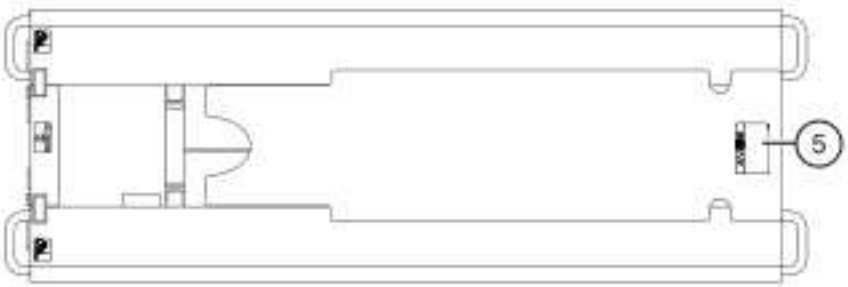
MODEL	Manual Extension Platform				Powered Extension Platform				Maximum Wind Speed	Tilt Cutout Setting
	Total Capacity		Extension Capacity		Total Capacity		Extension Capacity			
3215	600 lb. 272 kg	2 Persons	250 lb. 113 kg	1 Person	N/A				28 mph 12.5 m/s	1.5 x 3.5
3219	550 lb. 249 kg	2 Persons	250 lb. 113 kg	1 Person	N/A				28 mph 12.5 m/s	1.5 x 3.5
3220	900 lb. 408 kg	2 Persons	300 lb. 136 kg	1 Person	800 lb. 363 kg	2 Persons	300 lb. 136 kg	1 Person	28 mph 12.5 m/s	1.5 x 3.5
3226	500 lb. 227 kg	2 Persons	250 lb. 113 kg	1 Person	N/A				28 mph 12.5 m/s	1.5 x 3.5
4626	1000 lb. 454 kg	3 Persons	300 lb. 136 kg	1 Person	1000 lb. 454 kg	3 Persons	300 lb. 136 kg	1 Person	28 mph 12.5 m/s	2.5 x 4.5
4632	700 lb. 318 kg	2 Persons	250 lb. 113 kg	1 Person	N/A				28 mph 12.5 m/s	2.5 x 4.5

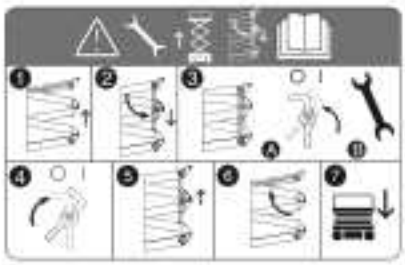
SJIII T4.5AB - 1331704M

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Labels and Nameplates - Models 3220, 3226 & 46xx

Top View (Continue)



No.	Label Pictorial	Description
5		**How to engage maintenance support for inspection or maintenance.** Refer to Operating manual. 1. Raise platform until there is adequate clearance to swing down maintenance support. 2. Swing maintenance support down from storage bracket into a vertical position. Lower platform until the bottom end of maintenance support rests on the lower cross bar. 3. Maintenance support is now secured. (A) Turn main power disconnect switch to off position. (B) Perform inspection/maintenance. 4. Turn main power disconnect switch to on position. 5. Raise platform until there is adequate clearance to swing up maintenance support. 6. Swing maintenance support up and place into storage bracket. 7. Ensure platform is fully lowered.

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Table 4.4 Floor Loading Pressure

MODEL		Total Aerial Platform Weight		Total Aerial Platform Load					
				Wheel		LCP**		OUP**	
		lb.	kg	lb.	kg	psi	KPa (kN/m^2)	psf	KPa (kN/m^2)
3215	min*	2400	1089	960	435	100	689.5	160	7.5
	max*	3000	1361	1200	544	110	758.5	200	9.5
3219	min*	2580	1170	1032	468	100	689.5	170	8.0
	max*	3130	1420	1252	568	110	758.5	210	10.0
3220	min*	3400	1542	1396	633	110	758.5	175	8.5
	max*	4299	1950	1936	878	130	896.5	245	11.5
3226	min*	4100	1860	1644	746	120	827.5	210	10.0
	max*	4610	2091	1844	836	130	896.5	235	11.5
4626	min*	4700	2132	1880	853	206	1420.3	168	8.0
	max*	5920	2685	2370	1075	224	1544.4	210	10.1
4632	min*	5075	2302	2030	921	208	1434.1	180	8.6
	max*	5775	2620	2310	1048	223	1537.5	205	9.8

SJIII T4.4AC - 133173AM

* **min** - Total aerial platform weight with no options

max - Aerial platform weight + all options + full capacity

** **LCP - Locally Concentrated Pressure** is a measure of how hard the aerial platform presses on the areas in direct contact with the floor. The floor covering (tile, carpet, etc.) must be able to withstand more that the indicated values above.

OUP - Overall Uniform Pressure is a measure of the average load the aerial platform imparts on the whole surface directly underneath it. The structure of the operating surface (beams, etc.) must be able to withstand more than the indicated values above.

NOTE:

The **LCP** or **OUP** that an individual surface can withstand varies from structure to structure and is generally determined by the engineer or architect for that particular structure.

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Safety Precautions (Continued)
Know and understand the safety precautions before going on to next section.

- **DO NOT** operate on surfaces not capable of holding the weight of the aerial platform including the rated load, e.g. covers, drains, and trenches.
- **DO NOT** operate an aerial platform that has ladders, scaffolding or other devices mounted on it to increase its size or work height. It is prohibited.



- **DO NOT** exert side forces on aerial platform while elevated.



- **DO NOT** use the aerial platform as a crane. It is prohibited.



- **DO NOT** sit, stand or climb on the guardrails. It is prohibited.



- **DO NOT** climb on scissor arm assembly. It is prohibited.



- **AVOID** overhead obstructions. Be aware of overhead obstructions or other possible hazards around aerial platform when lifting or driving.



- **AVOID** crushing hazards. Be aware of crushing hazards when lifting or driving. Keep all body parts inside the aerial platform.



- **DO NOT** raise the aerial platform while the aerial platform is on a truck, fork lift or other device or vehicle.



- **DO NOT** lower the platform unless the area below is clear of personnel and obstructions.



- **ENSURE** that there are no personnel or obstructions in the path of travel, including blind spots.



- **BE AWARE** of blind spots when operating the aerial platform.
- **DO NOT** use with improperly inflated/damaged tires or wheels. Refer to Section 2: Wheel/Tire Assembly.
- **ENSURE** ALL tires are in good condition and lug nuts are properly tightened.



- **DO NOT** alter or disable limit switches or other safety devices.



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