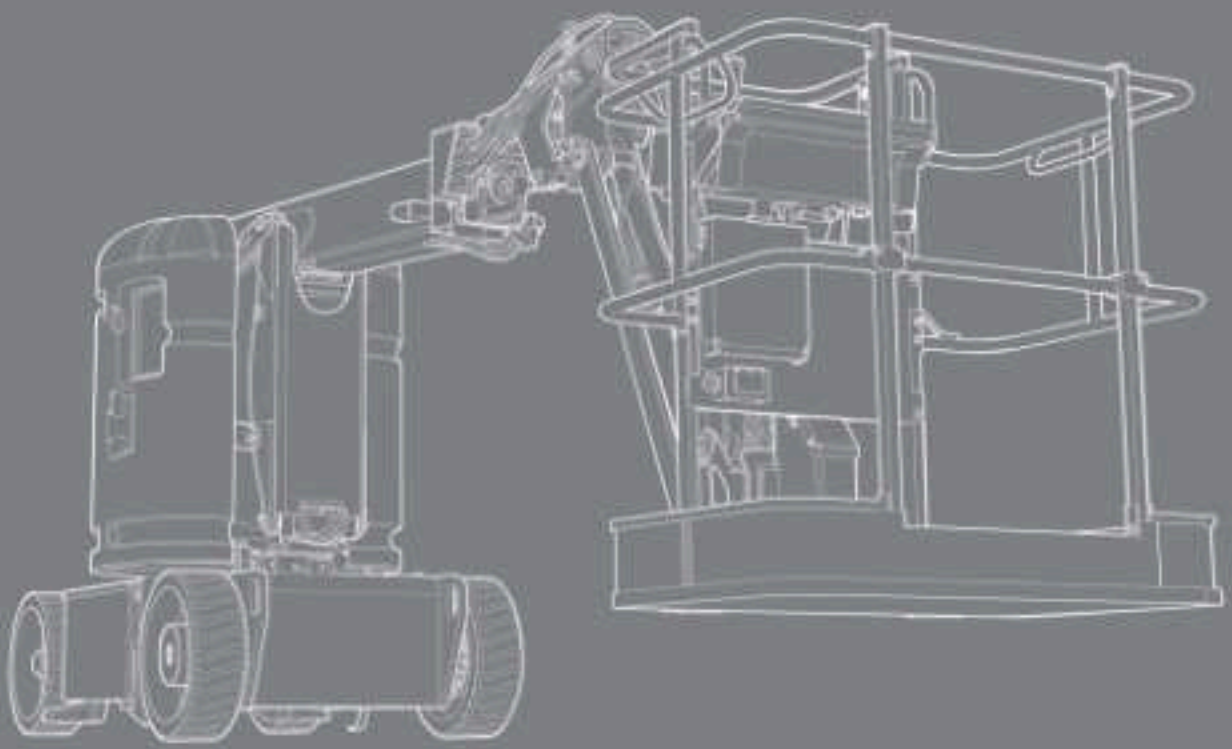
SKYJACK

OPERATING MANUAL

SJ30 AJE, SJ30 ARJE

ARTICULATING BOOMS



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1.4 Responsibility for Maintenance

1.4-1 Operator's responsibility for maintenance

⚠ WARNING

Maintenance must be performed by trained and qualified/competent personnel who are familiar with mechanical procedures.

Death or serious injury could result from the use of a MEWP that is not properly maintained or kept in good working condition.

The operator must be sure that the MEWP has been properly maintained and inspected before using it.

The operator must perform all the daily inspections and function tests found in *Section 4.4*, even if the operator is not directly responsible for the maintenance of this MEWP.

1.4-2 Maintenance and inspection schedule

Refer to service manual for frequent/periodic (every 3 months or 150 hours) and annual inspection details.

The actual operating environment of the MEWP may affect the maintenance schedule.

⚠ WARNING

Use original or manufacturer-approved parts and components for the MEWP.

NOTE

Refer to Skyjack's website www.skyjack.com for the latest service bulletins prior to performing frequent/ periodic or annual inspections.

1.4-3 Owner's inspections

It is the responsibility of the owner to arrange daily, quarterly (or 150 hours) and annual inspections of the MEWP. Refer to the service manual for recommended maintenance and inspection areas and intervals. A record of annual inspection is kept on a label located close to the base control console on the cowling (refer to *Section 7.3)*.

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5.1 Start Operation

5.1-1 Activating base control console

NOTE

While operating the emergency power unit, the base controls will override the platform controls, even when the emergency stop button on the platform is depressed.

1. On both the left and right sides of the MEWP, plug in main power connectors.

⚠ WARNING

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

2. Enter platform and close gate.
3. On platform control console, pull out emergency stop button.
4. Exit platform.
5. On base control console, turn base/off/platform key switch to base position.
6. Pull out emergency stop button.

5.1-2 Rotating platform using base control console

1. Activate and hold function enable switch by pushing it to the right or left.
2. Push platform rotation switch to either left or right position. Release switch to stop.

5.1-3 Rotating turret using base control console

⚠ WARNING

When rotating the turret, ensure that there are no personnel or obstructions in the path of rotation, including blind spots.

1. Activate and hold function enable switch by pushing it to the right or left.
2. Push turret rotation switch to either clockwise or counterclockwise position. Release switch to stop.

5.1-4 Moving jib up and down using base control console

1. Activate and hold function enable switch by pushing it to the right or left.
2. Push jib up/down switch to either up or down position. Release switch to stop.

5.1-5 Rotating jib using base control console

1. Activate and hold function enable switch by pushing it to the right or left.
2. Push jib rotation switch to either left or right position. Release switch to stop.

5.1-6 Moving riser up and down using base control console

1. Activate and hold function enable switch by pushing it to the right or left.
2. Push riser up/down switch to either up or down position. Release switch to stop.

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7.5 Specifications and Features-B

SJ30 AJE/ SJ30 ARJE	
Electromagnetic Compatibility (EMC)	Meets EN13309:2010 requirements
Hazardous Location Rating	MEWP not rated for hazardous locations
Operating Temperatures	
Standard	-20°C (-4°F) to +40°C (+104°F)

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7.6 Tire/Wheel Specifications

SJ30 AJE/ SJ30 ARJE	
Tire Size	559 mm x 178 mm (22.0 in x 7.0 in)
Type	Solid Rubber
Wheel Nuts Torque	244 Nm (180 ft-lb)

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7.7 Maximum Platform Capacities

SJ30 AJE/ SJ30 ARJE	Indoor	Outdoor
Total Capacity	227 kg (500 lb)	
	2 Persons	1 Person
Maximum Wind	0 m/s (0 mph)	12.5 m/s (28 mph)
Maximum Side Force	400 N (90 lbf)	200 N (45 lbf)
Tilt Cutout Setting	2 degrees x 3 degrees	

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DO NOT ascend or descend a grade steeper than 35%. Boom elevated driving must only be done on firm, level surfaces.



DO NOT operate an MEWP that has ladders, scaffolding or other devices mounted on it to increase its size or work height. It is prohibited.



DO NOT exert horizontal (manual) force on MEWP that exceeds the limits specified in *Section 7.7*.



DO NOT use the MEWP as a crane. It is prohibited.



DO NOT climb on boom arm assembly. It is prohibited.



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



AVOID overhead obstructions. Be aware of overhead obstructions or other possible hazards around MEWP when lifting or driving.



AVOID crushing hazards. Be aware of crushing hazards when lifting or driving. Keep all body parts inside the MEWP.



BE AWARE of blind spots when operating the MEWP.

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



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



DO NOT use boom to push, pull other objects or to lift the chassis.



DO NOT raise the MEWP while it is on a truck, forklift or other device or vehicle.

STUNT driving and horseplay are prohibited.



DO NOT use with improperly inflated/damaged tires or wheels. Refer to *Section 4.2-5*.



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

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