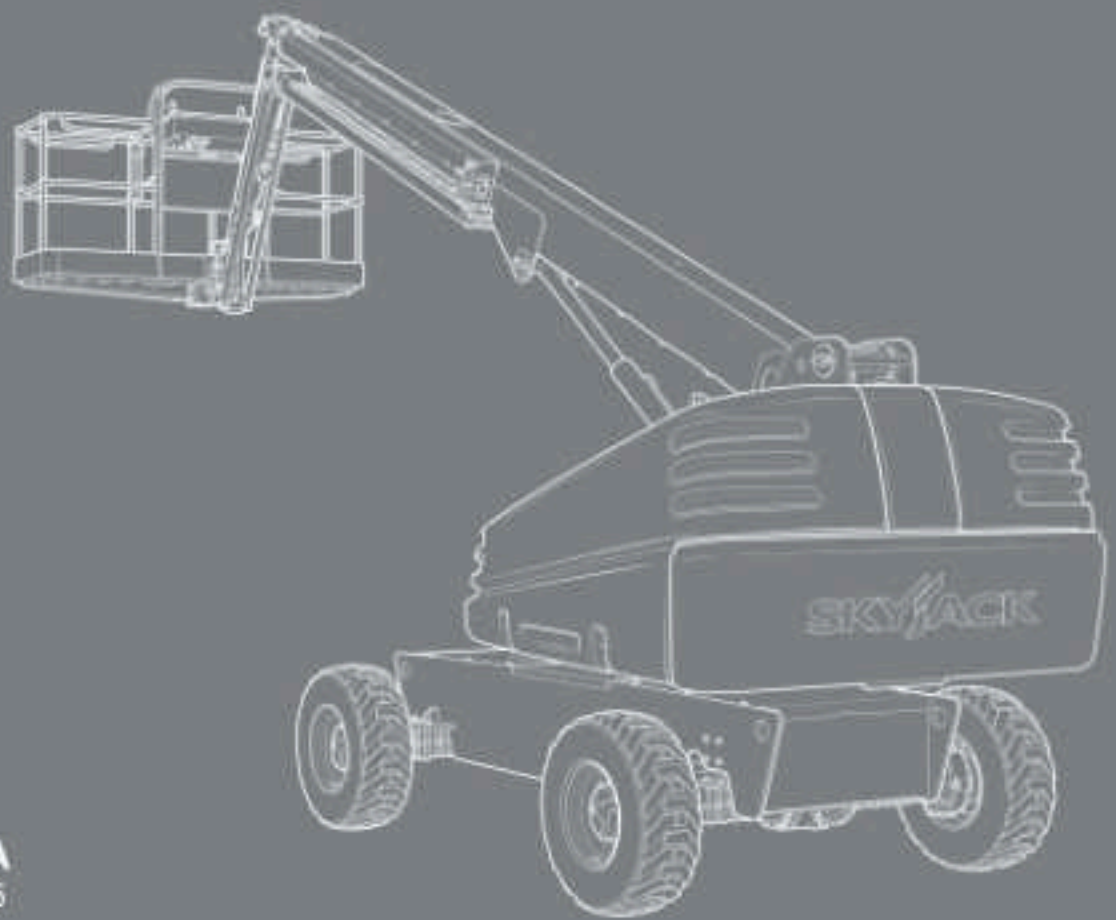
SKYJACK

OPERATION MANUAL

SJ40 T+, SJ45 T+, SJ61 T+, SJ66 T+

TELESCOPIC BOOMS



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ANSI/CSA

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5.16 Raise or lower the main boom with the platform control console

IMPORTANT

The maximum platform capacity changes with the boom position. The indicator lights on the base and platform control consoles show if the platform is in the high or low capacity zone.

1. Press and hold the **footswitch**.
2. Move and hold the **boom/turret controller handle** forward or rearward to raise or lower the main boom.
3. Move the **boom/turret controller handle** to the neutral central position to stop. Release the **foot**switch.

5.17 Operate the horn

1. Push the **horn** button to make a sound. Release the button to stop.

5.18 Rotate the turret with the platform control console

⚠ WARNING

Before you rotate the turret, make sure there are no personnel or obstructions in the path of rotation, which includes blind spots. If you do not obey, there is a risk of death or serious injury.

1. Press and hold the **footswitch**.
2. Move and hold the **boom/turret controller handle** to the left or right to rotate the turret clockwise or counterclockwise.
3. Move the **boom/turret controller handle** to the neutral central position to stop. Release the **foot**switch.

NOTE

The turret can be rotated 360 degrees continuously.

5.19 Operate with the emergency power switch at the platform control console

This switch enables all of the functions, with the exception of drive, if there is an engine malfunction. Refer to *Section 6.1* for the emergency-lowering procedure.

5.20 Engage or disengage the differential lock switch

1. Move the **differential lock** switch forward and release it to lock or unlock the differential.

5.21 MEWP shutdown

1. Select a reasonably well-protected location to park the MEWP. This location must have a firm, level surface, clear of obstructions, and traffic.
2. Fully retract the boom and lower the platform.
3. Push the **emergency-stop** button on the platform control console.
4. Exit the platform.
5. Turn the **off/base/platform key** switch to the off position and remove the key.
6. Push the **emergency-stop** button on the base control console.
7. Turn the **main power disconnect** switch to the off position.
8. If it is necessary, put a cover on the platform control console to prevent damage to the warning labels and controls in hostile environments.

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7.7 Maximum platform capacities (evenly distributed)

SJ40 T+		
	Regular Platform Capacity	**Derated Platform Capacity***
High-capacity zone	454 kg (1000 lb)	454 kg (1000 lb)
	3 persons (maximum number of personnel)	1 person (maximum number of personnel)
	400 N (90 lbf) manual side force	200 N (45 lbf) manual side force
Low-capacity zone	340 kg (750 lb)	318 kg (700 lb)
	2 persons (maximum number of personnel)	1 person (maximum number of personnel)
	400 N (90 lbf) manual side force	200 N (45 lbf) manual side force
Wind rating	12.5 m/s (28 mph)	
Tilt cutout setting (side-to-side x front-to-back)	5 degrees x 5 degrees	

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***NOTE:** Refer to *Section 3* for the capacity derate switch operation.

SJ45 T+ / SJ61 T+ / SJ66 T+		
	Regular Platform Capacity	**Derated Platform Capacity***
High-capacity zone	454 kg (1000 lb)	454 kg (1000 lb)
	3 persons (maximum number of personnel)	1 person (maximum number of personnel)
	400 N (90 lbf) manual side force	200 N (45 lbf) manual side force
Low-capacity zone	300 kg (660 lb)	272 kg (600 lb)
	2 persons (maximum number of personnel)	1 person (maximum number of personnel)
	400 N (90 lbf) manual side force	200 N (45 lbf) manual side force
Wind rating	12.5 m/s (28 mph)	
Tilt cutout setting (side-to-side x front-to-back)	5 degrees x 5 degrees	

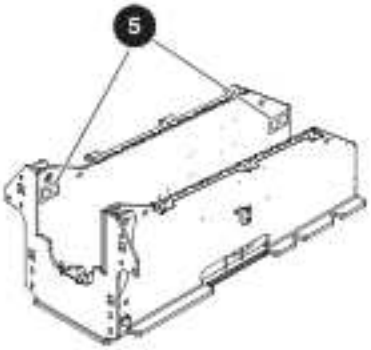
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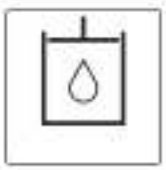
***NOTE:** Refer to *Section 3* for the capacity derate switch operation.

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Control compartment (continued)





Description	Label Pictorial
2 Grease point maintenance Refer to the service manual for how to lubricate the MEWP.	
3 Hydraulic oil Replace the hydraulic fluid with the approved type (refer to the service manual).	
4 Hydraulic oil level Shows the minimum and maximum hydraulic oil level.	
5 Warning - maintenance support Do not enter the space below the work platform or extending structure during maintenance unless a support structure is in position. Refer to the service manual for the instructions on machine power isolation and structure support during maintenance.	

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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 drive elevated on a soft or uneven surface.

DO NOT raise the platform if it is not on a firm, level surface.



DO NOT ascend or descend grades greater than the maximum inclines listed in *Section 7.4*. 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 7.7*).



DO NOT use the MEWP as a crane.



DO NOT step on the boom arm assembly.



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









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.

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