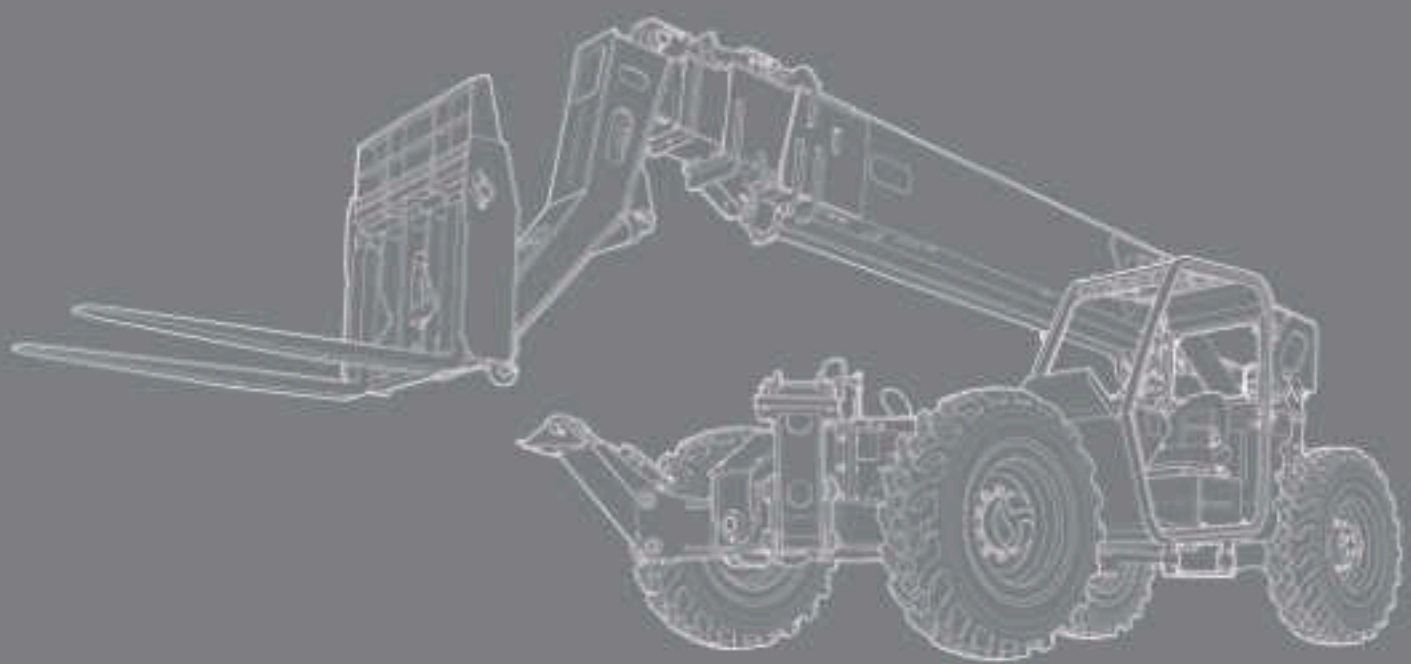
SKYJACK

OPERATING MANUAL

SJ1044 TH/THS & SJ1056 TH/THS

TELEHANDLERS



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ANSI/CSA

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1.6 Operator's Responsibility for Maintenance

⚠ WARNING

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

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

The operator must ensure that the telehandler has been properly maintained and inspected before using it.

The operator must perform all the daily inspections and function tests found on the Operator's Checklist. See Section 4.4, even if the operator is not directly responsible for the maintenance of this telehandler.

1.6-1 Maintenance and Inspection Schedule

Refer to Service manual for quarterly (or 250 hours) and annual inspection details.

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

⚠ WARNING

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

NOTE

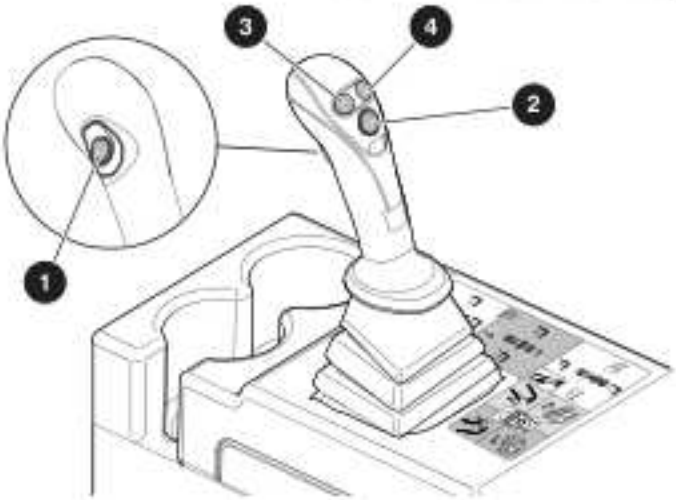
Refer to Skyjack's website www.skyjack.com *for the latest service bulletins prior to performing frequent/ periodic or annual inspections.*

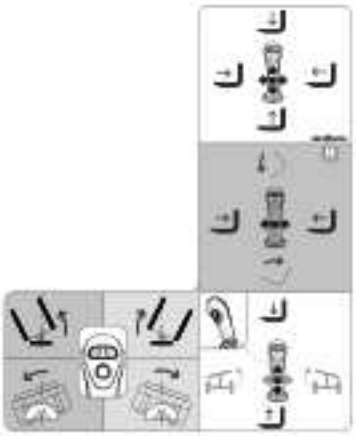
1.6-2 Owner's Inspections

It is the responsibility of the owner and/or operator to arrange daily, quarterly (or 250 hours) and annual inspections of the telehandler. Refer to the Service manual for recommended maintenance and inspection areas and intervals.

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Standard Multi-functional Joystick





3.3-2 Standard Multi-functional Joystick

This dual-axis lever is a multi-functional control that includes the following additional controls:

1. Frame Level Enable Switch
2. Tilt Enable Button
3. Left Auxiliary Function Button
4. Right Auxiliary Function Button

These controls allow boom operation (extend or retract and up or down), frame leveling, fork tilt, and auxiliary functions such as carriage side tilt or carriage swing. The lever returns to neutral position when released.

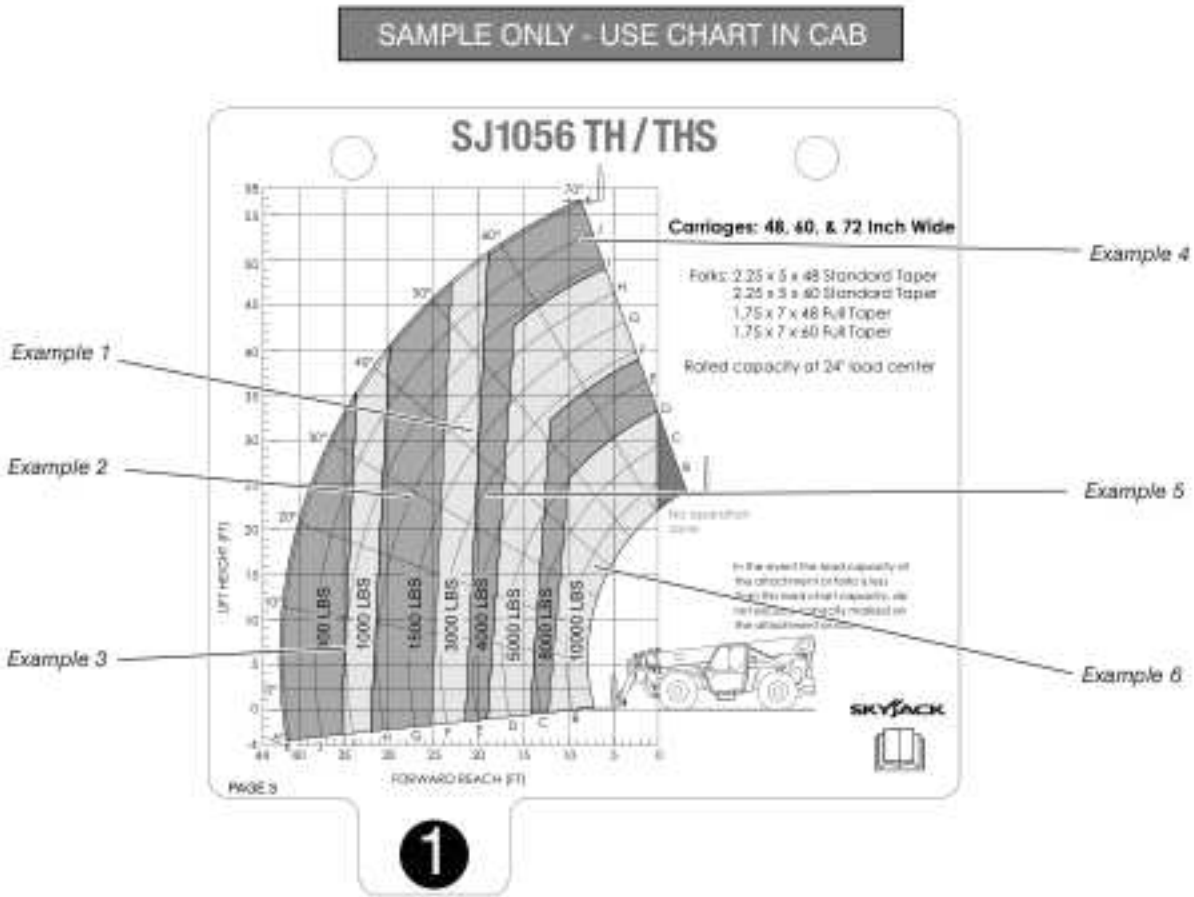
- **Raise the boom** by moving joystick backward.
- **Lower the boom** by moving the joystick forward.
- **Extend the boom** by moving the joystick to the right. **Retract the boom** by moving the joystick to the left.
- **Tilt attachment forward** by pressing and hold attachment tilt enable button and moving joystick forward. **Tilt attachment backwards** by pressing and holding attachment tilt enable button and moving joystick backward.
- **Frame level right** by pressing and holding frame level enable switch and moving joystick to the right. **Frame level left** by pressing and holding frame level enable switch and moving joystick to the left.
- **Left auxiliary function** (if equipped) is operated by pressing and holding the left button.
- **Right auxiliary function** (if equipped) is operated by pressing and holding the right button.

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5.12-1 Examples on Reading the Capacity Chart

The Operator must verify that the capacity chart corresponds with both telehandler and attachment model number.

The following scenarios show various conditions the operator may encounter:



Examples	Load Weight	Forward Reach	Lift Height	Boom Angle	Boom	Capacity	OK to Lift
1	2500 lb (1 134 kg)	21 ft (6.4 m)	32 ft (9.7 m)	43°	G	3000 lb (1 361 kg)	YES
2	2000 lb (907 kg)	28 ft (8.5 m)	24 ft (7.3 m)	28°	H	1500 lb (680 kg)	NO
3	600 lb (272 kg)	35 ft (10.7 m)	8 ft (2.4 m)	7°	I	400 lb (181 kg)	NO
4	3500 lb (1 588 kg)	8 ft (2.4 m)	52 ft (15.8 m)	69°	I	4000 lb (1 814 kg)	YES
5	6500 lb (2 948 kg)	18 ft (5.5 m)	24 ft (7.3 m)	36°	E	4000 lb (1814 kg)	NO
6	9700 lb (4 400 kg)	7 ft (2.1 m)	16 ft (4.9 m)	39°	A	10000 lb (4535 kg)	YES

NOTE

This is a sample capacity chart only! DO NOT use this capacity chart. Use chart inside cab.

NOTE

If the intersection occurs on a bold line separating the capacity regions, the smaller of the two capacity values must be used.

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KNOW the weight of the load you are transporting. Never lift more than the lifting capacity at any given extension or elevation of the boom as listed on the capacity charts.



CHECK for cracks and signs of stress.



BE AWARE of the telehandler's travel envelope, especially when turning. Keep sufficient clearance at all times between the telehandler and any obstacles or people.



WALK AROUND the telehandler before operation and check for any visible signs of damage or malfunction.



ALWAYS maintain three points of contact when entering vehicle. Use provided hand-holds and steps only.



CHECK for clearance before traveling between obstacles.



ALWAYS wear your seat belt when operating this vehicle.



DRIVE DOWNHILL UNLOADED. Without a load, the back end is the heaviest part of the telehandler. Driving downhill decreases potential for tip-over.



DRIVE UPHILL LOADED. When holding a load, driving uphill decreases potential for load to slip out.



LEVEL FRAME ON SLOPES before elevating the boom.



WHEN TRANSPORTING LOADS fully retract the boom, keep the load low to the ground and forks tilted back slightly. This is the most stable position possible for the vehicle.



KEEP forks close to the ground when in motion to increase telehandler stability and decrease potential for injury to others. When fully stopped, lower forks completely to the ground.



TILT forks backward slightly when traveling to decrease potential of load slipping off.



SECURE loose loads with chains or straps to decrease potential of spills or injury to others.

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5.12 Use of the Capacity Charts

The capacity charts are located in the operator's cab. They are used to determine maximum load capacity for telehandler equipped with different attachment combinations.

To properly use a particular capacity chart, the operator must first determine the following:

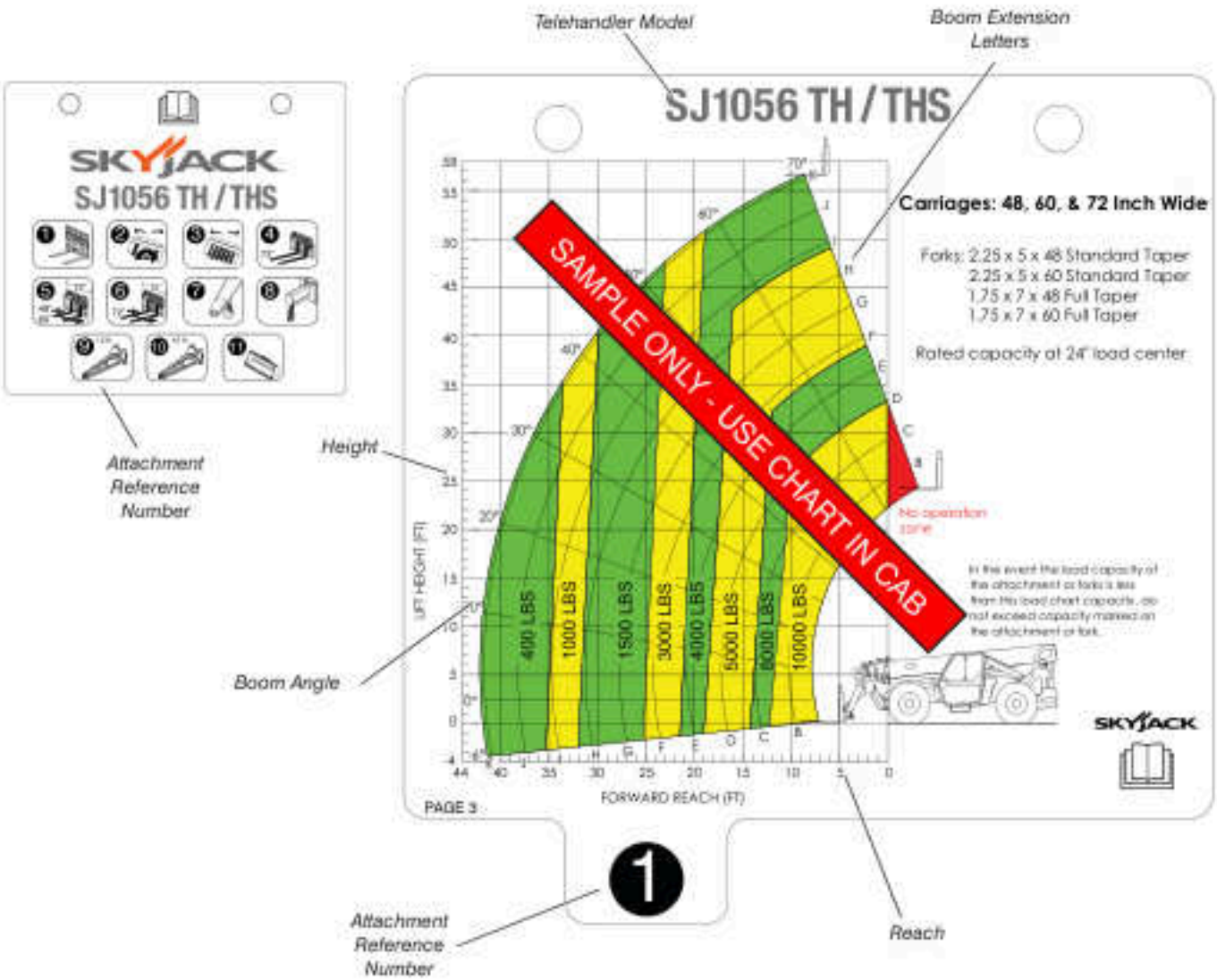
1. Ensure the capacity chart is for the specific telehandler model and the attachment.
2. Determine the weight of the load to be lifted.
3. Ensure that the load center for the load is at or within the load center specified for the attachment.
4. Determine the height where the load is to be picked or placed.
5. Determine the reach where the load is to be picked or placed
6. The maximum capacity is determined by the intersection lines between height and reach on the capacity chart. If the intersection of the lines occurs at a division between capacity zones, the smaller of the two capacity values must be used.

NOTE

The weight of the load must be equal to or less than the number in the capacity zone.

WARNING

When handling loads, ensure that boom extension indicator and boom angle indicator remain within previously determined/calculated capacity zone.



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