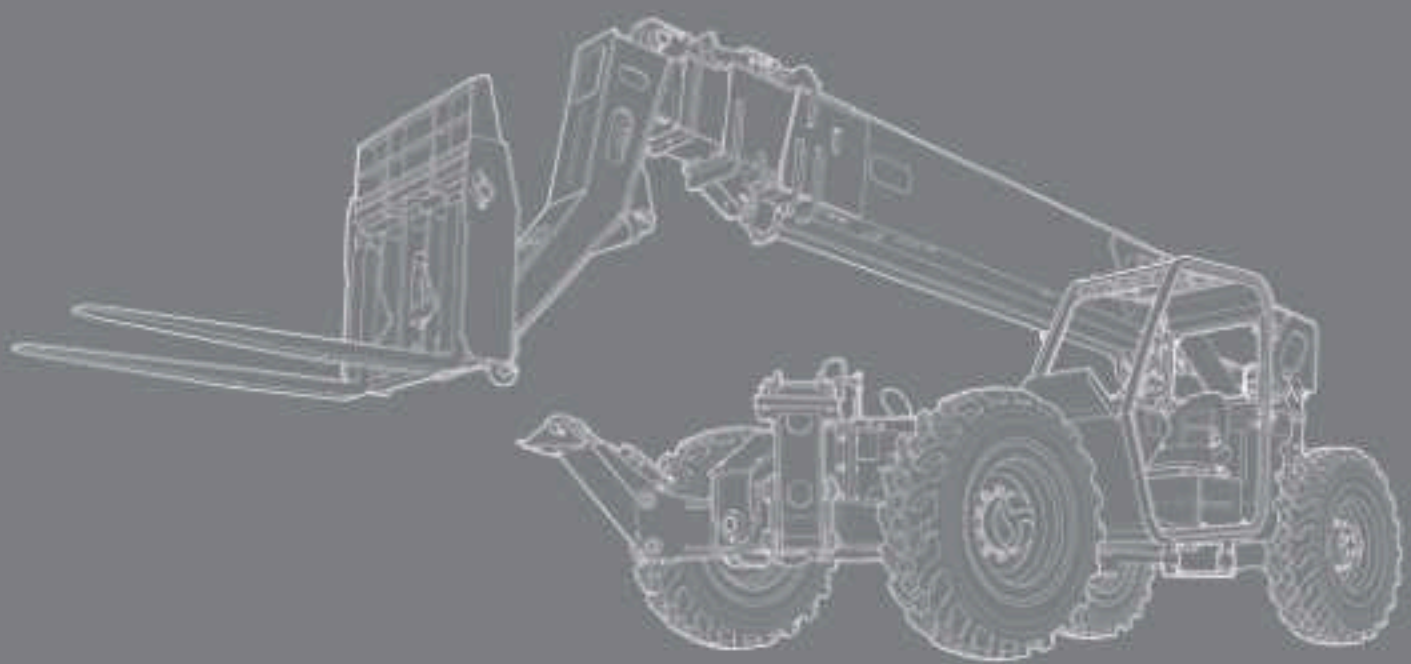
SKYJACK

OPERATING MANUAL

SJ1044 TH, SJ1044 THS, SJ1056 TH, SJ1056 THS, SJ1256 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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5.4 Operating the Boom

5.4-1 Raising or Lowering Boom

⚠ WARNING

Ensure that there are no personnel or obstructions and there is sufficient room to perform all telehandler functions.

1. To raise the boom, move the joystick backward.
2. To lower the boom, move the joystick forward.
3. Release the joystick to stop.

5.4-2 Extending or Retracting Boom

⚠ WARNING

Ensure that there are no personnel or obstructions and there is sufficient room to perform all telehandler functions.

1. To extend the boom, move the joystick to the right. To retract the boom, move the joystick to the left.
2. Release the joystick to stop.

5.5 Leveling the Telehandler

1. Tilt the frame to the right by pressing and holding the frame level enable switch and move the joystick to the right.
2. Tilt the frame to the left by pressing and holding frame level enable switch and move the joystick to the left.
3. Release the joystick to stop.

5.6 Tilting the Attachment

Standard Multi-functional Joystick:

1. Tilt attachment forward by pressing and holding the tilt enable button while moving the joystick forward.
   - **Result:** Attachment tilts forward.
2. Tilt attachment backward by pressing and holding the carriage tilt enable button while moving the joystick backward.
   - **Result:** Attachment tilts backward.

Premium Multi-functional Joystick (If Equipped):

1. Tilt attachment forward by pressing and holding the attachment tilt switch up.
   - **Result:** Attachment should tilt forward.
2. Tilt attachment backward by pressing and holding the attachment tilt switch down.
   - **Result:** Attachment should tilt backward.

NOTE

See Section 3.7 for details about optional attachment operation.

5.7 Handling Loads

⚠ WARNING

- **Before commencing operation, familiarize yourself with the capacity charts specific to telehandler model and attachment.**
- **Know the weight of the load and the most extreme height and distance required to pick or place the load.**
- **Do not lift load on a gradient steeper than 5%.**
- **Never position the load behind front face of the tires.**
- **Never drive the telehandler with the boom raised.**
- **Ensure not to exceed telehandler lift capacity (refer to capacity charts). Exceeding lift capacity could cause tip-over resulting in death or serious injury.**
- **When performing lift operation where the operator cannot see load at all times, the operator has to be assisted by a spotter using approved hand signals (refer to** Section 1.3**).**

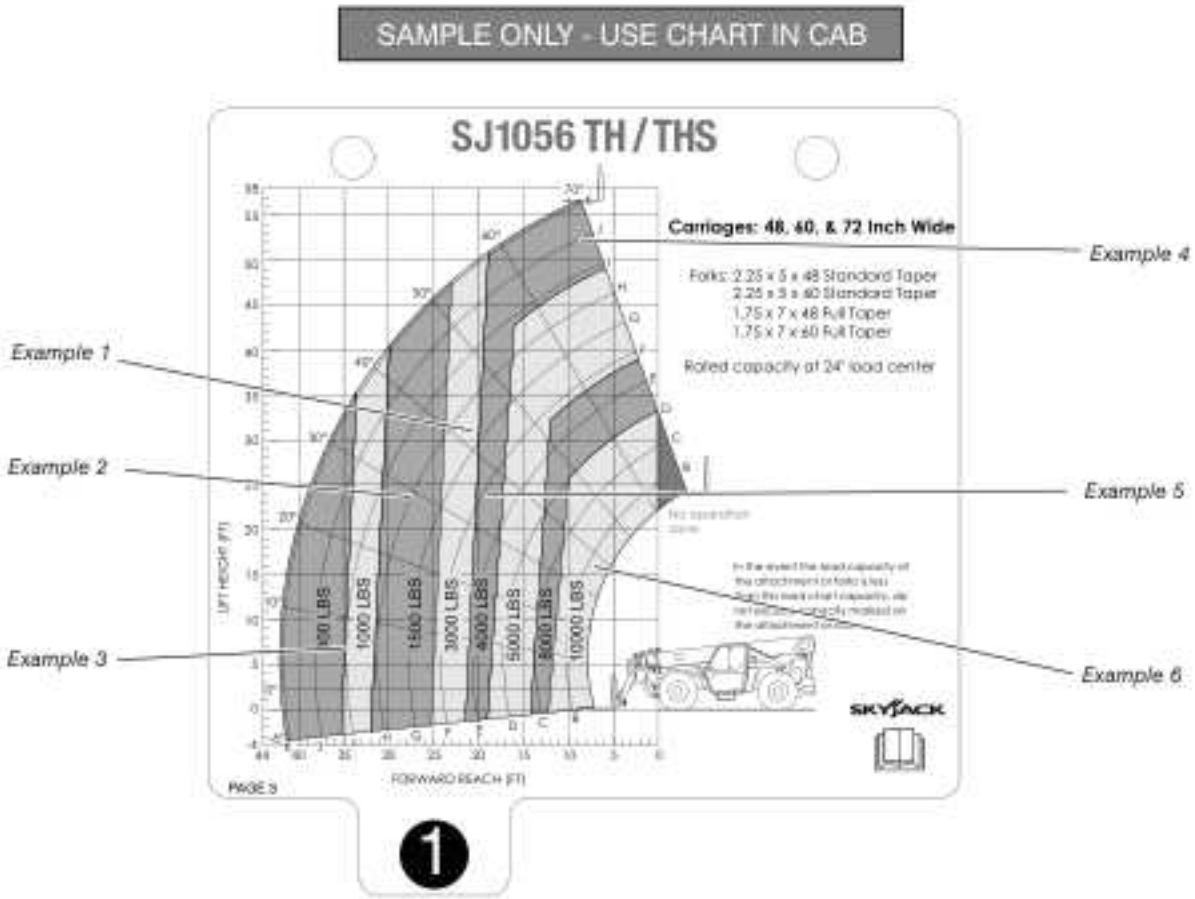
1. Drive as close as possible to load pickup/placement site.
2. Place transmission shifter into neutral position and engage parking brake.
3. Level the frame before lifting the load.
4. Use attachment to pickup/place the load. Refer to procedures outlined in Section 3.7 for specific attachment uses.
5. If using fork attachment, tilt forks backward to stabilize the load.

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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:

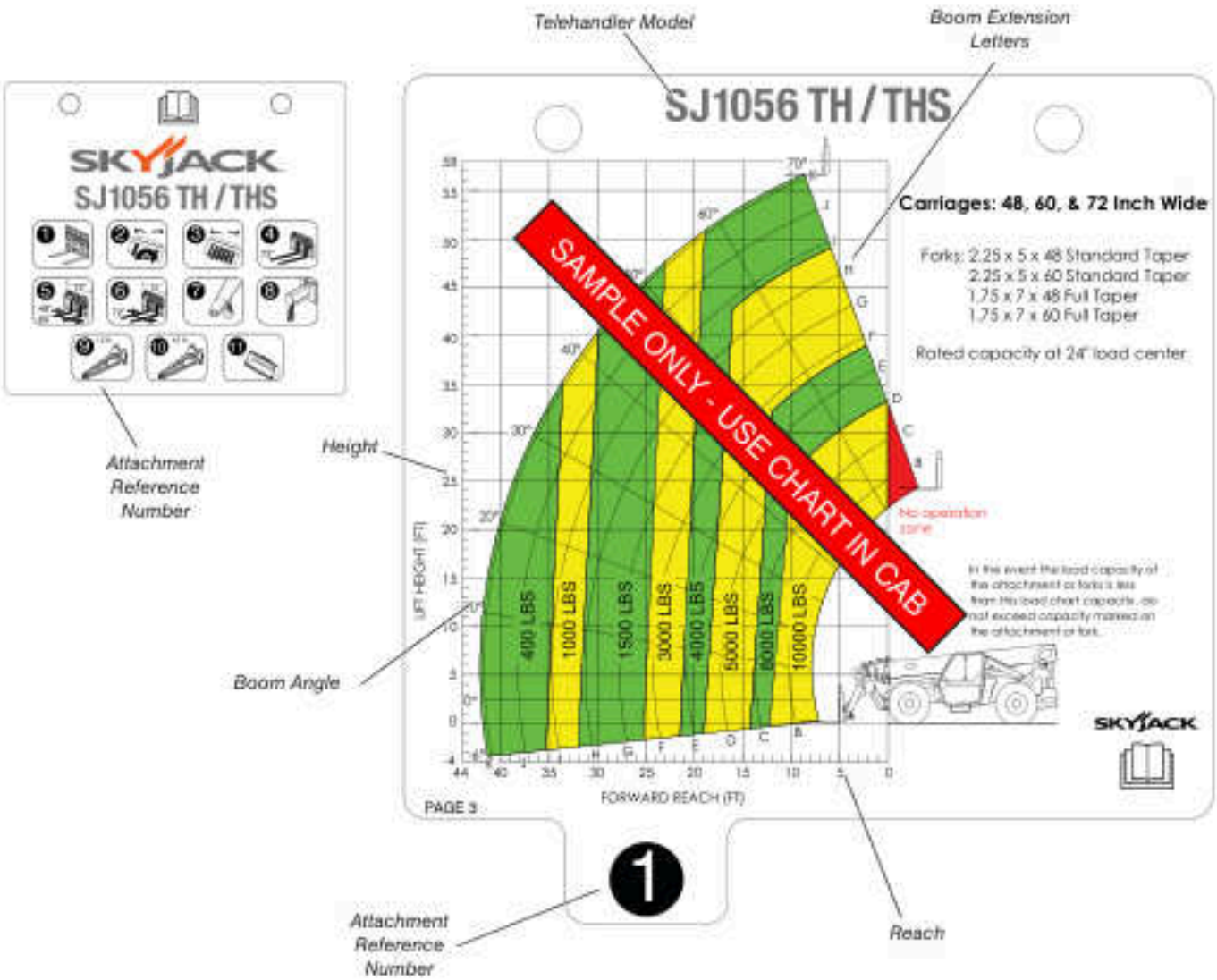
1. Ensure the capacity chart is for the specific telehandler model and the attachment.
2. Determine the weight of the load to be lifted.
3. Ensure that the load center for the load is at or within the load center specified for the attachment.
4. Determine the height where the load is to be picked or 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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