



OPERATING MANUAL (ANSI/CSA)

ROUGH TERRAIN SCISSORS

MODEL **SJ6832 RTE**

159176AE-A January 2018

SKYJACK

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Safety Precautions (Continued)

Know and understand the safety precautions before going on to next section.

Fall Protection

As per the ANSI A92.6-2006 standard, “The guardrail system of the aerial platform provides fall protection. If occupant(s) of the platform are required to wear personal fall protection equipment (PFPE), occupants shall comply with instructions provided by the aerial platform manufacturer (remanufacturer) regarding anchorage(s).”

If additional fall protection is required, by an employer or the authority having jurisdiction, Skyjack recommends the use of a fall restraint system to keep an occupant within the confines of the platform, and thus not expose the occupant to any fall hazard requiring a fall arrest.

All personal fall protection equipment must comply with applicable governmental regulations and must be inspected and used in accordance with the manufacturer’s recommendations.

All personal fall protection equipment must be attached only to approved anchorage points within the platform of the aerial platform.



WARNING

Entering and exiting the aerial platform should only be done using the three points of contact.

- **Use only equipped access openings.**
- **Enter and exit only when the aerial platform is in the fully retracted position.**
- Do use three points of contact to enter and exit the platform. Enter and exit the platform from the ground only. Face the aerial platform when entering or exiting the platform.
- Three points of contact means that two hands and one foot or one hand and two feet are in contact with the aerial platform or the ground at all times during entering and exiting.



WARNING

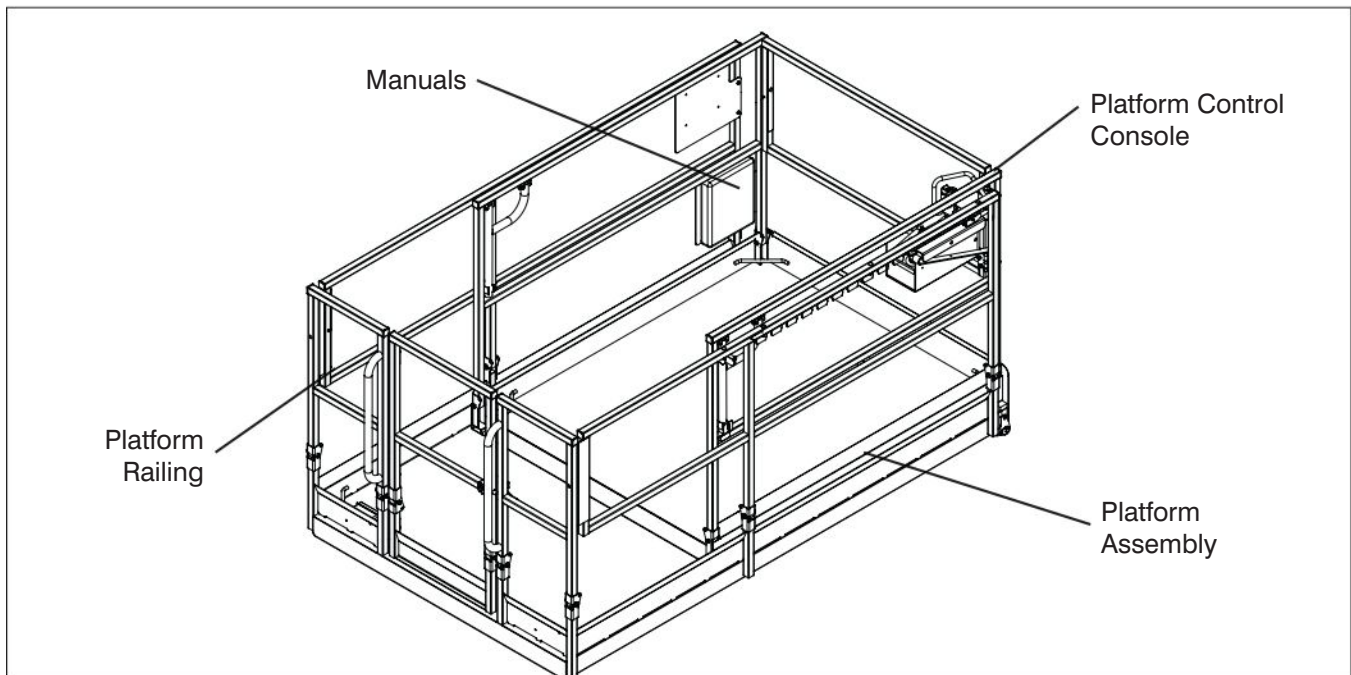
An operator should not use any aerial platform that:

- **does not appear to be working properly.**
- **has been damaged or appears to have worn or missing parts.**
- **has alterations or modifications not approved by the manufacturer.**
- **has safety devices which have been altered or disabled.**
- **has been tagged or blocked out for non-use or repair.**

Failure to avoid these hazards could result in death or serious injury.

Jobsite Inspection

- Do not use in hazardous locations.
- Perform a thorough jobsite inspection prior to operating the aerial platform, to identify potential hazards in your work area.
- Be aware of moving equipment in the area. Take appropriate actions to avoid collision.



2.3-7 Platform Assembly



WARNING

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

1. Use the ladder of aerial platform to platform.
2. Close the gate.
 - Ensure there are no loose or missing parts and there is no visible damage.
 - Ensure all fasteners are securely in place.
 - Ensure all railings are properly positioned and secured.
 - Ensure gate is in good working order.
- **Lanyard Attachment Anchors**
 - Ensure attachment rings are secure and no visible damage.
- **AC Outlet on Platform**
 - Ensure outlet has no visible damage and free from dirt or obstructions.

- **Manuals**

Ensure a copy of the operating manual and ANSI/CSA certificate are enclosed in manual storage box.

- Check to be sure manual storage box is present and in good condition.
- Ensure manuals are legible and in good condition.
- Always return manuals to the manual storage box after use.

- **Platform Control Console**

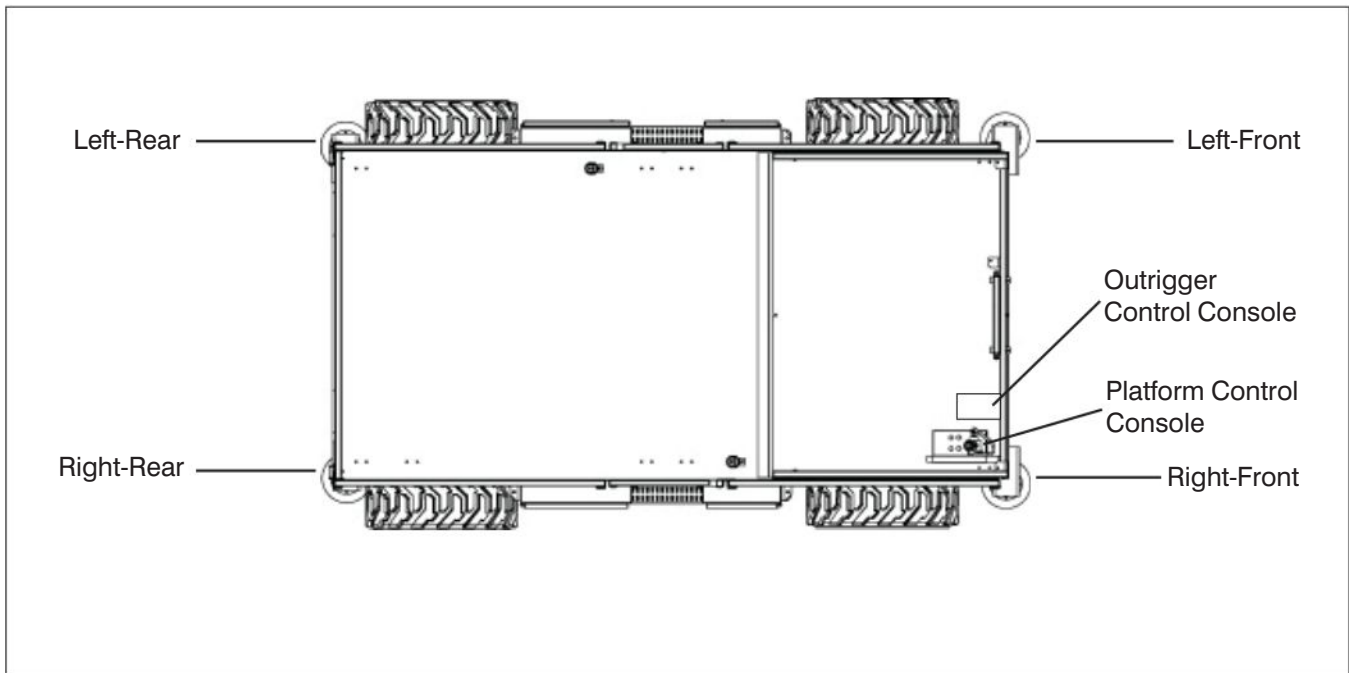
- Ensure all switches and controller are returned to neutral and are properly secured.
- Ensure there are no loose or missing parts and there is no visible damage.



WARNING

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

3. Use the ladder to dismount from platform.



- **Test Hydraulic Outriggers (If Equipped)**
(For Hydraulic Outrigger Operation, refer to [Section 3.8-9.](#))

1. Ensure aerial platform is parked on a firm, level surface and free from obstructions.
2. Ensure platform is fully lowered.
3. Ensure outriggers are fully retracted.
4. Auto-level (If equipped):
Use auto-level to extend outriggers.
Result: All four outriggers will extend until they are supporting weight and bring machine to within level.
5. Once auto-level is complete, attempt to lift platform 1 foot and then lower the platform to stowed position.
Result: Platform will lift and lower.
6. With platform at stowed position, fully retract all outriggers using auto-level.
Result: All four outriggers will retract until they are in the stowed (up) position.

**WARNING**

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

7. Drive the aerial platform to maximum speed.
Result: Aerial platform drives at high speed.

**WARNING**

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

8. Lift platform to 12 feet (measured from the bottom of the tires to the platform surface) from stowed position.
Result: Lift function will operate.
9. Drive aerial platform at raised height (12 feet).
Result: Aerial platform drives at slow speed.
10. Attempt to operate outriggers at raised height (12 feet).
 - Attempt to partially extend Left-Front Outrigger (approximately 4").
Result: Outrigger will not extend.
 - Attempt to partially extend Right-Front Outrigger (approximately 4").
Result: Outrigger will not extend.

3.5-3 Folding Guardrail System

This system, when folded down, reduces the height of the retracted aerial platform for transporting and traveling through doorways only. Refer to [Section 3.9](#) for guardrail folding procedure.



WARNING

The scissor assembly must be fully lowered before raising or lowering the guardrails.



WARNING

Any lowered guardrail will create a fall hazard. Remain away from the sides of the platform while raising or lowering the guardrails to avoid falling. Refer to [Section 3.9](#), for guardrail folding procedure.

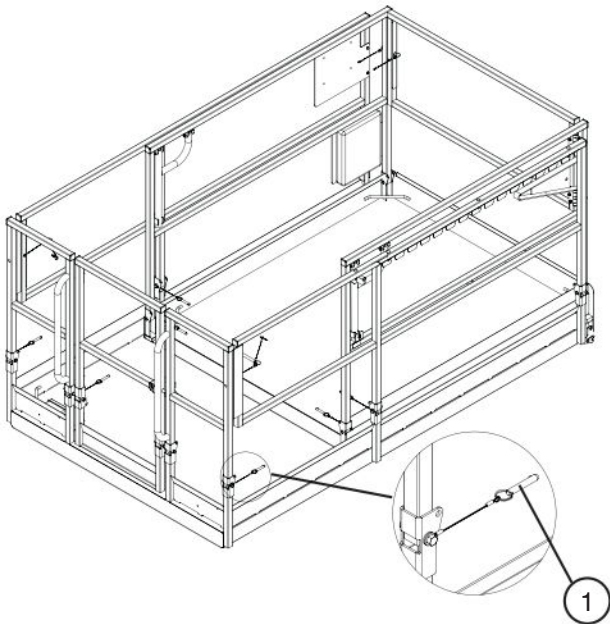


Figure 3-2. Folding Guardrail System

1. **Guardrail Locking Pin with Lanyard** - This pin is used to lock the guardrail in place.



WARNING

Before operating this aerial platform check the guardrail system for loose or missing locking pins. The guardrail system must be upright and all pins must be locked in place.

Death or serious injury could result if the guardrail system is not upright or properly locked.

3.5-4 Safety Belt/Harness Attachment Bar

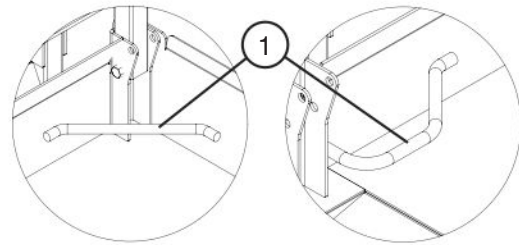


Figure 3-3. Safety Belt/Harness Attachment Bar

1. **Lanyard Attachment Anchorage** - Use this as an attachment point for safety belt/harness tethers. Do not attach belts/harnesses to any other point on the platform. Do not use this to lift, anchor, secure or support the platform or any other apparatus or material.



WARNING






The lanyard attachment anchorage is used for travel restraint, within the limits of the platform only. It is not a fall arresting device! Used as such could result in death or serious injury.

3.8-5 To Drive Forward or Backward**WARNING**

Be aware of blind spots when operating the aerial platform.

**WARNING**




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

1. Activate platform control console (refer to [Section 3.8-3](#)).
2. On platform control console, select lift/drive switch to “” drive position.
3. Activate and hold “” enable trigger switch.
4. Move controller handle “” forward or “” backward to desired speed and direction of platform travel.
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.

3.8-6 To Steer

1. Activate platform control console (refer to [Section 3.8-3](#)).
2. On the platform control console, turn lift/drive switch to “” drive position.
3. Activate and hold “” enable trigger switch.
4. Press “” rocker on top of controller handle in either direction to steer.

NOTE

Steering is not proportional. Driving and steering may be active at the same time.

24. Return guardrails to upright position if folded. (Refer to [Section 3.9](#) for guardrail folding procedure.)

**WARNING**

Before operating this aerial platform check the guardrail system for loose or missing locking pins. The guardrail system must be upright and all pins must be locked in place.

Death or serious injury could result if the guardrail system is not upright or properly locked.

25. Once platform control console is securely reconnected and guardrails up, normal operation may continue.

Table 4.6 Operator’s Daily Inspection Checklist



OPERATOR’S DAILY INSPECTION CHECKLIST

Serial Number: _____
 Model: _____
 Hourmeter Reading: _____ Operator’s Name (Printed): _____
 Date: _____
 Time: _____ Operator’s Signature: _____

Each item shall be inspected using the appropriate section of the Skyjack operating manual.
 As each item is inspected, check the appropriate box.

- P** - PASS
- F** - FAIL
- R** - REPAIRED
- NA** - NOT APPLICABLE

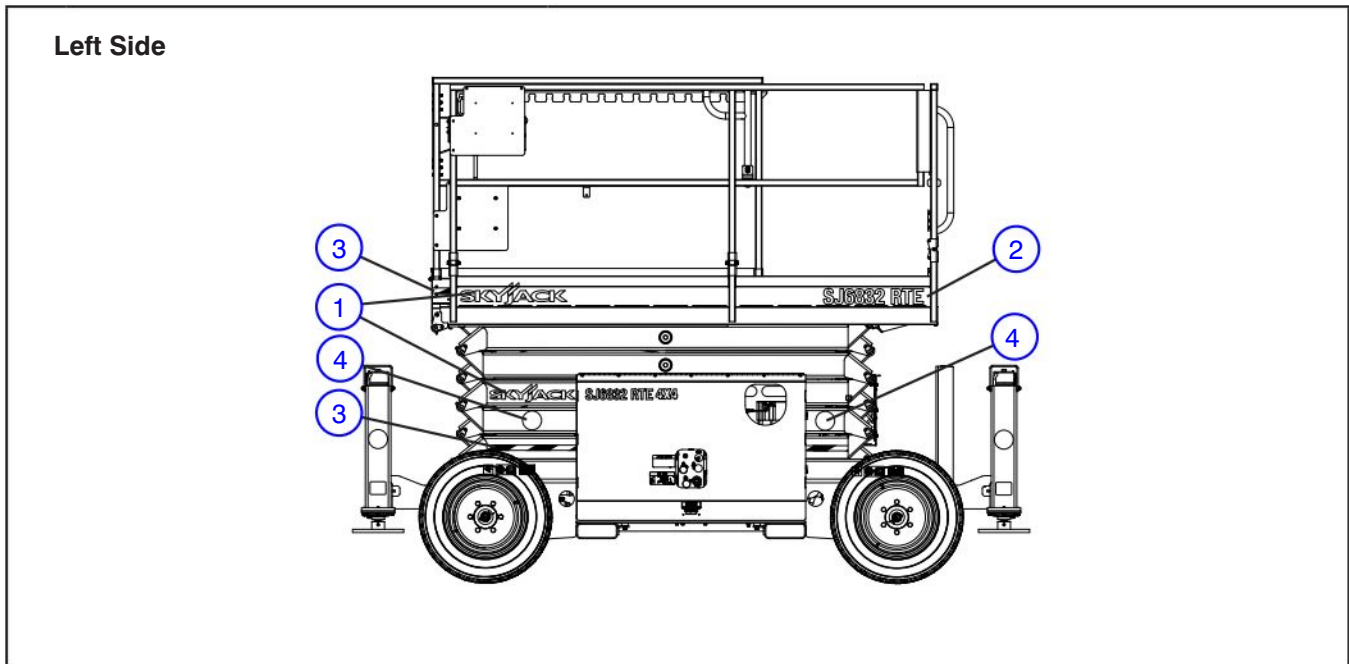
	N/A	P	F	R
Visual and Daily Maintenance Inspections				
Labels				
Electrical				
Limit Switches				
Hydraulic				
Battery/Electrical Compartment				
Main Power Disconnect Switch				
Base Control Switches				
Tilt Sensor				
Battery				
Hydraulic Pump				
Motor/Hydraulic Compartment				
Hydraulic Tank				
Hydraulic Oil				
Hydraulic Return Filter				
Main Manifold				
Gear Type Flow Divider				
Platform Assembly				
Lanyard Attachment Anchors				
AC Outlet on Platform				
Manuals				
Platform Control Console				
Lifting Mechanism				
Maintenance Support				
Scissor Assembly				
Scissor Bumpers				
Rollers				
Lift Cylinder(s)				



	N/A	P	F	R
Base				
Base Weldment				
Wheel/Tire Assembly				
Steer Cylinder Assembly				
Splitter Manifold				
Tie Rod				
Emergency Lowering Access Rod				
Ladder				
Outriggers (If Equipped)				
Function Tests				
Base Control Console				
Test Main Power Disconnect Switch				
Test Platform/Off/Base Key Switch				
Test Emergency Stop				
Test Platform Raise/Lower Switch				
Test Emergency Lowering				
Test Free-wheeling				
Platform Control Console				
Test Emergency Stop				
Test Enable Trigger Switch				
Test Platform Raising/Lowering				
Test Steering				
Test Driving				
Test Elevated Drive Speed				
Test Brakes				
Test Horn				
Test Outriggers (If Equipped)				

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Note:
 Make a copy of this page or visit the Skyjack web site:
www.skyjack.com for a printable copy.

Labels - Model 6832RTE



No.	Label Pictorial	Description
1		<p>Skyjack Logo</p> <p>Skyjack</p>
2		<p>Model Number*</p> <p>Product Identifier *Model number will vary, may not be as shown.</p>
3		<p>Caution Tape Stripe</p> <p>Caution stripe</p>
4		<p>Keep Clear</p> <p>Keep clear. Stay away from aerial platform when in operation.</p>

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