

QUICK START GUIDE FOR THE CTE TRACCESS 270/88

Version 2.0 Turning on the Machine



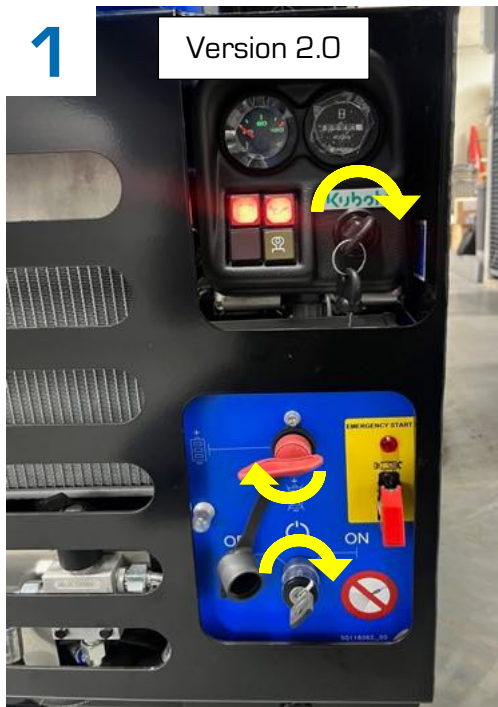
Keys and the wireless controller are not stored with the T-270/88. Bring all keys and the wireless remote to the front of the machine.



Diesel Start Up and Wireless Link

1

Version 2.0



For Use with the Kubota:

1. Machine key (bottom) turn right to ON.
2. Battery key insert tail down and swing to left for ON.
3. Kubota key on top turn right to start engine.



If cold starting, use glow plugs before starting engine.

Glow plugs are activated with the key.

Diesel Start Up and Wireless Link



Twist and release the emergency stop on the wireless controller, then press the START button on the left to turn it on.



Notice the green LED blinking. Press the START button again to link. Slow blink means you are linked.

⚠ The wireless controller is now linked with diesel power. Use caution when handling so incidental movement does not occur. Using the strap is recommended.

Battery Start Up and Wireless Link

Note: Skip this section if you are operating on diesel engine only.



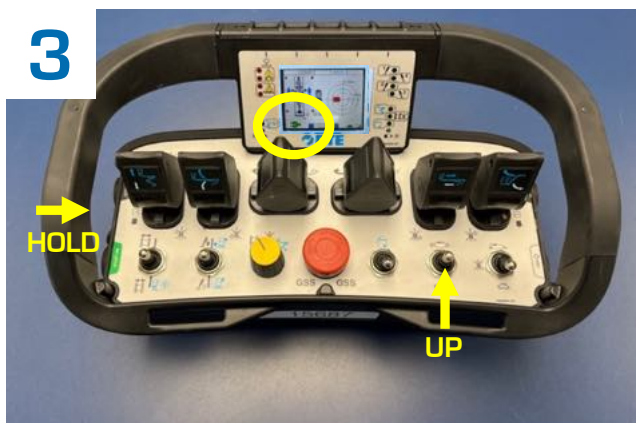
For Use with Battery Power:

1. Kubota key is not necessary.
2. Battery key insert tail down and swing to left for ON.
3. Machine key turn right to ON.
4. Battery isolator near the jib must be OUT.

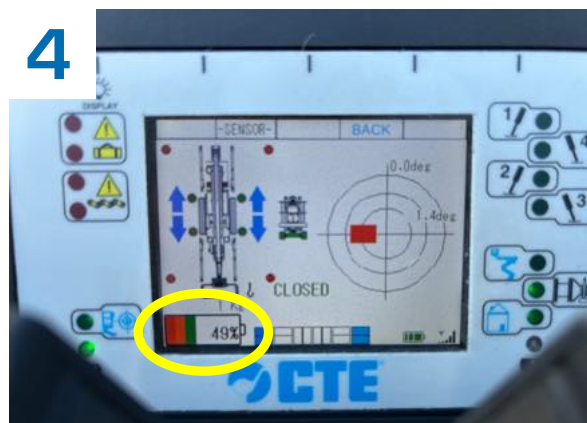


Twist and release the Emergency Stop on the wireless controller, then press the START button on the left to turn it on. Press START a second time to link. Notice the green LED; slow blink means it's linked.

Battery Start Up and Wireless Link



3 Hold the START button and push UP on the engine toggle. A green plug icon will appear on the display indicating the electric mode is active and the Kubota is disabled.



4 Push the engine toggle UP a second time to activate the pump. The Battery symbol will appear with the percentage indicating the battery life.

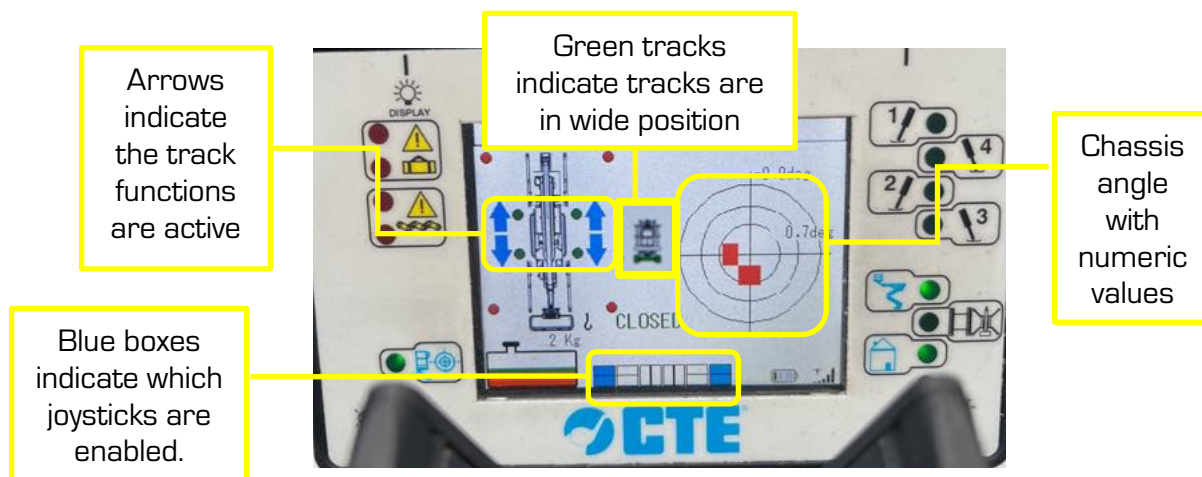
⚠ The wireless controller is now linked with battery power. Use caution when handling so incidental movement does not occur. Using the strap is recommended.

Note: Do not let the batteries get below 30%. A fully charged battery is 1 to 8 hours of use depending upon functions use and temperature. Plug in the inverter to a 110v outlet while running for continuous use.

Traveling on Tracks with the Wireless Controller

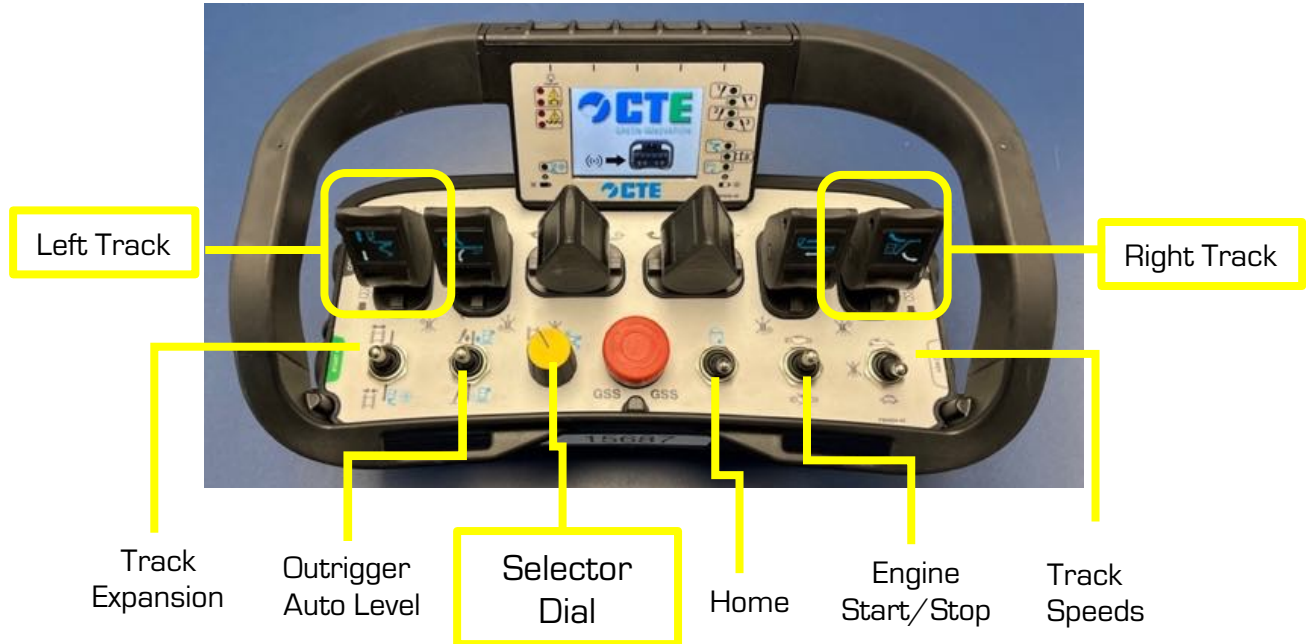
⚠ Caution: A ground test and walking your route are required by ANSI standards. Traveling with the tracks in the wide position using the wireless controller from a safe distance is considered the best safe practice.

The orientation is as if you are operating from the basket (in the back) looking toward the engine (in the front). Joysticks, toggles, buttons, and the selector dial are all parts of the wireless controller.



Traveling on Tracks with the Wireless Controller

The selector dial must be on tracks (left) to use enable tracks. Track movement is with the left and right joysticks. The black arrows indicate direction of travel.

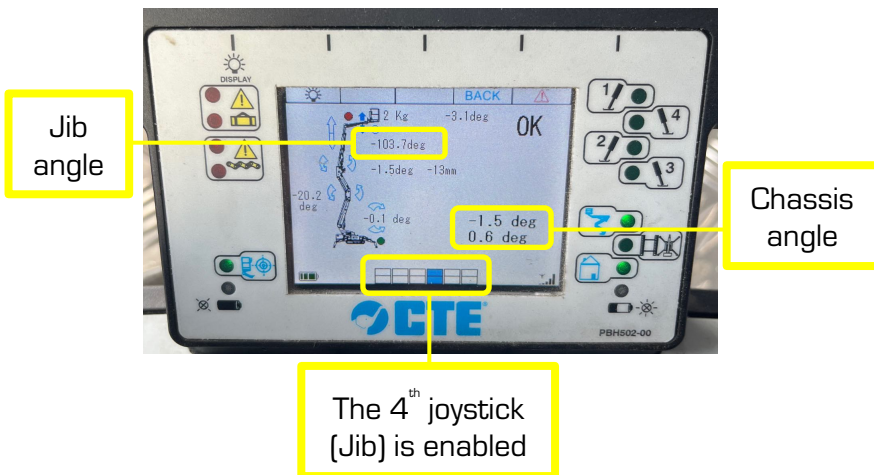


To raise the jib while traveling on tracks:

1. The selector dial must be moved to aerial (right)
2. 6th joystick UP raises jib.



Note: Traveling with an operator with the jib raised is not allowed.



Reminder:
The Jib must be down and against the rest plate before outriggers are enabled.

Outrigger Operations

⚠ A ground test is required by ANSI standards. Using the wireless controller while lowering outriggers and stabilizing is considered the best safe practice. The Traccess 270/88 does not know the ground conditions and safe stabilization demands the attention of a trained and certified operator.



Move the selector dial to the middle for outriggers.

1. The selector dial must be set to the middle position to raise and lower outriggers.



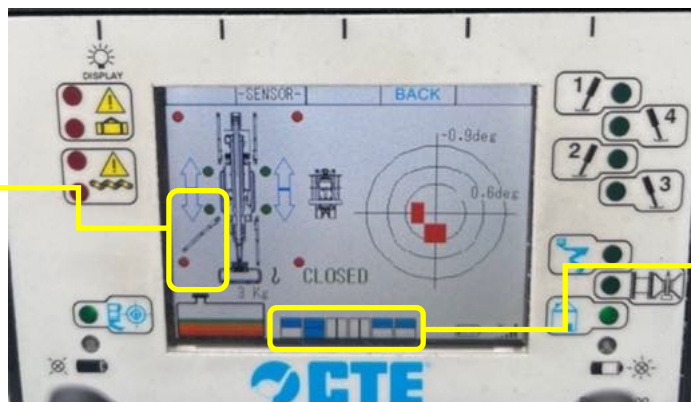
2. Outriggers are locked in place with "lock-pins".

- Remove the small ring pin
- Rotate the handle
- Raise the pin
- Swing the outrigger into the wide or narrow position



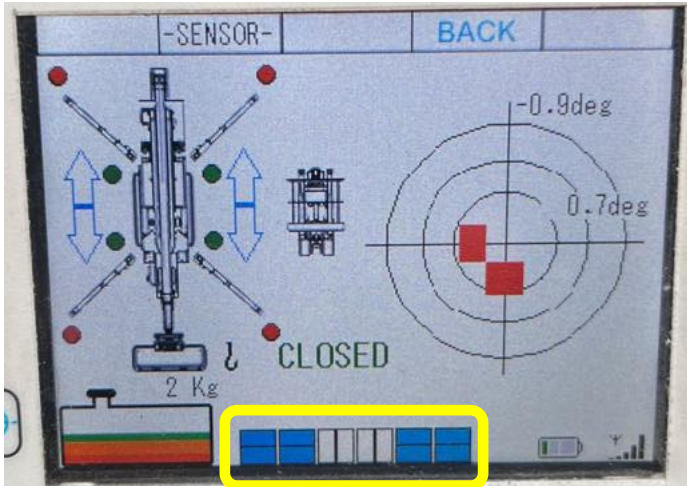
3. The pins must be locked in place to enable all functions. Use the small ring pins to hold the outrigger lock pins in position.

Outriggers appear on the display when they are in position and locked in place.



Left rear outrigger is now enabled to go down with second joystick.

Outrigger Operations



The display screen will look like this when ready to use the auto level toggle. Note: The blue boxes indicate which joysticks are enabled for individual outrigger movement.



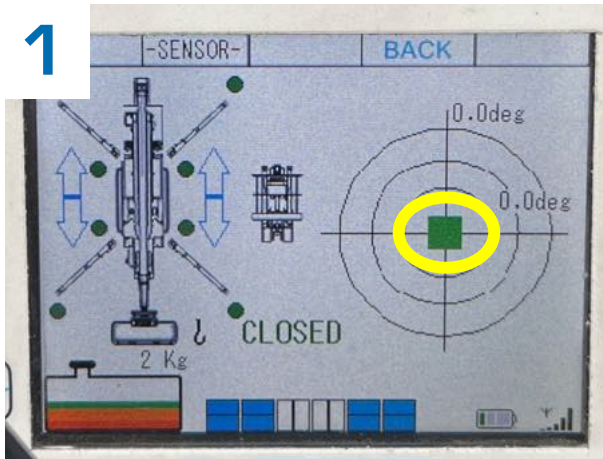
To Use the Auto-level Feature:
1. Position yourself in the front or rear of the machine where you can see all 4 outriggers move down.



2. Hold DOWN second toggle from the left to activate self-leveling. Continue to hold down on the toggle until you hear the long audible tone.

Outrigger Operations

1



1. A long tone will sound when the chassis is level. Notice the **green square** indicating level. Go to the bubble gauge to verify level.




2



2. Both tracks must be clear of the ground 3" minimum. You can raise the chassis faster by using the 4 middle joysticks. Be sure to re-establish level with the self level toggle.



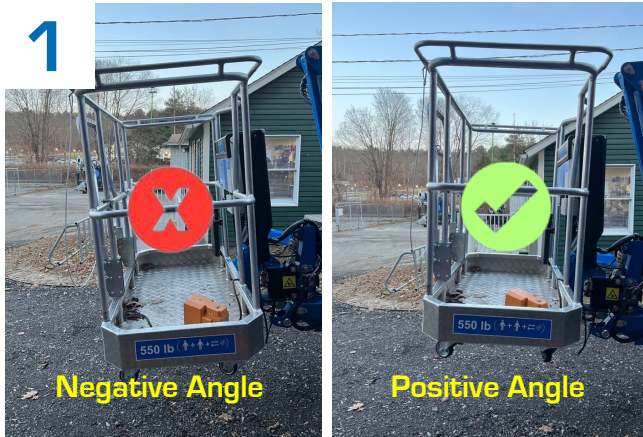
 Attention: Individual footpads **MUST** be level and on stable terrain to prevent sliding and/or sinking. Do not neglect this important step.

Note: The aerial functions can be operated using the wireless controller without an occupant in the platform for testing and demonstration only.

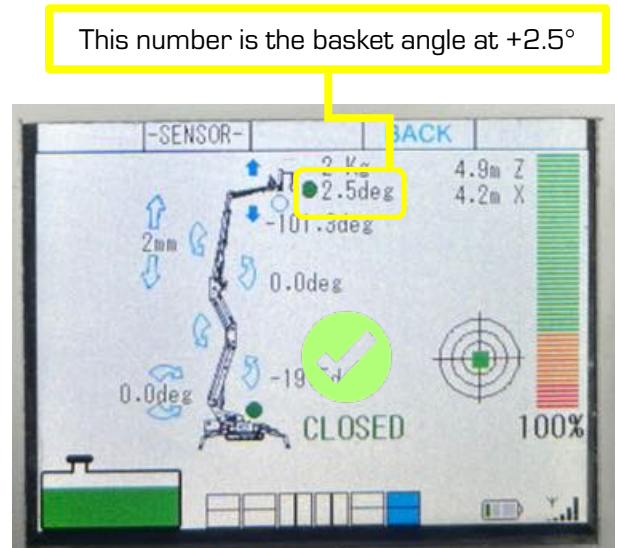
Basket Leveling from the Wireless Controller (Before Aerials)

The CTE Traccess 270/88 uses a mechanical leveling system for the basket leveling. Beginning the flight at level or slightly positive will minimize the need to re-level while aerial. ALARM 276 is the basket out of level warning.

Tip: $+1^\circ$ - $+2^\circ$ will ensure the basket will stay within $\pm 5^\circ$ range during flight.



1. Inspect the basket angle visually and with the wireless controller.



2. If necessary, correct the angle. Start the machine, turn the selector dial to the AERIAL [right], and use the second toggle to adjust the basket angle.

Pre-Flight Checklist

⚠ All required PPE must be worn for aerial operations. Fall protection must be connected to the designated rings only.

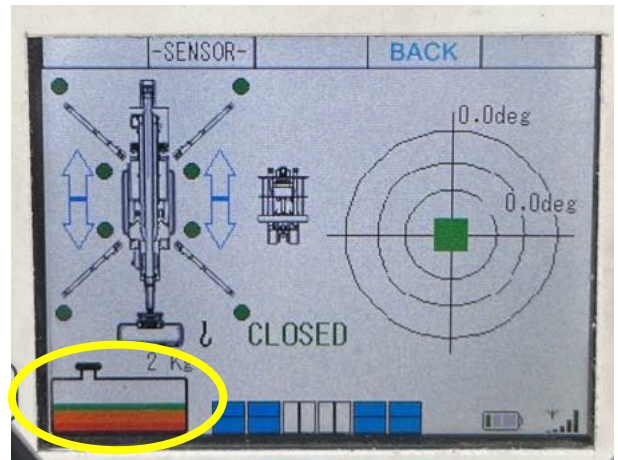
⚠ It is the duty of the operator to watch for hazards before moving and maintain minimum approach distances to energized conductors.

BEFORE ENTERING THE BASKET:

1. Are keys all in the correct position? Engine ON, battery ON, machine key ON, station select key to aerial (RIGHT).
2. Fuel level OK. The Fuel gauge is on the lower left of the display.
3. Outriggers and pads checked for level.
4. Basket is level or positive. Tip: $+1^{\circ}$ - 2° will ensure the basket will stay within $\pm 5^{\circ}$ range during flight so manual adjustment is less likely.



All keys in correct positions. Station selector key on turret set to aerial. Re-use machine key.



Fuel level OK



Level pad on stable terrain

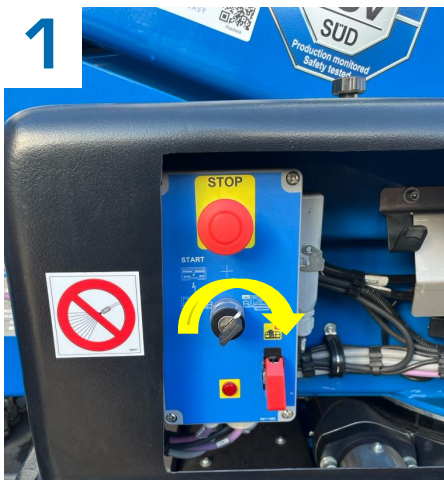


Negative angle



Positive angle

Transfer Command from Wireless to Basket Controls

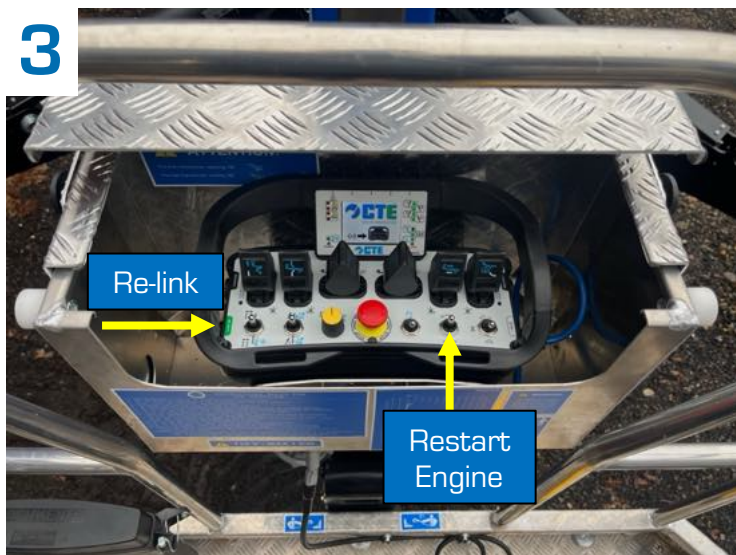


1. Move the command select key on the side of the turret to the right for aerial controls. You can use the machine key but it must be returned so the machine turns back on.

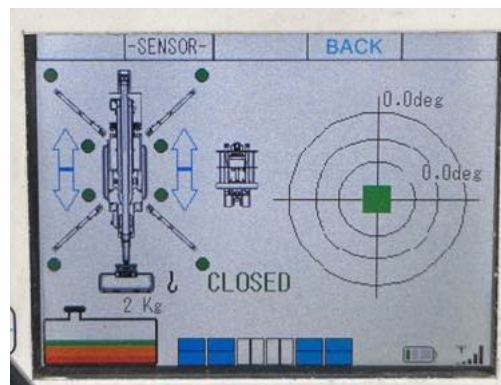


2. Press the E-Stop on the Wireless Controller.

Note: Put the wireless remote in a safe location on the jobsite where ground personnel know, but out of danger. ATTENTION: DO NOT LEAVE WIRELESS REMOTE UNSECURED RESTING ON THE CHASSIS OR TRACKS!



3. Safely enter the work platform.
 b. Re-link
 c. Start the engine
 d. Verify the **green square** is present if stabilized before attempting aerial functions.



Aerial Operations from the Basket

⚠️ Reminder: The Traccess 270/88 does not know weather conditions and it cannot see objects. Contacting any objects with the booms is forbidden.

ENTERING THE BASKET:

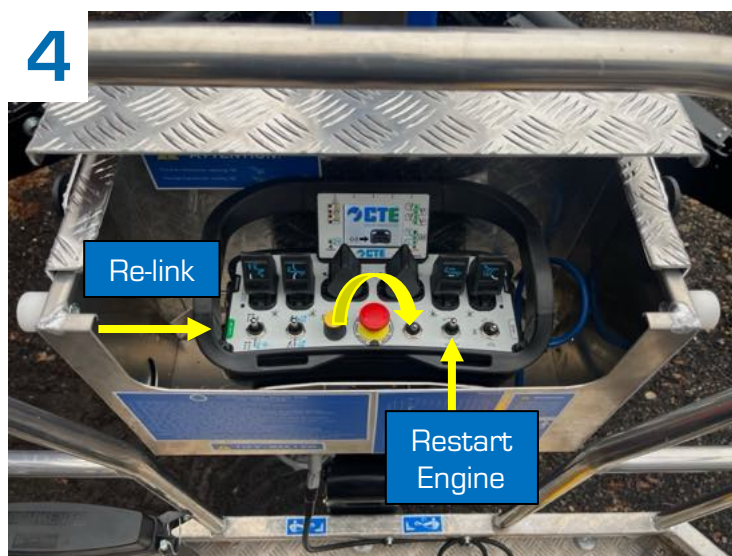
1. Load your tools and equipment into the basket. (no picture).
2. Use the ladder step to safely enter. Lift and secure the ladder step; this will prevent entanglement.
3. Secure the free end of the lanyard to the designated rings only.
4. Release E-Stop press the START button to link the console, and re-start the engine.



Use the ladder step to safely enter the basket. Always secure UP.



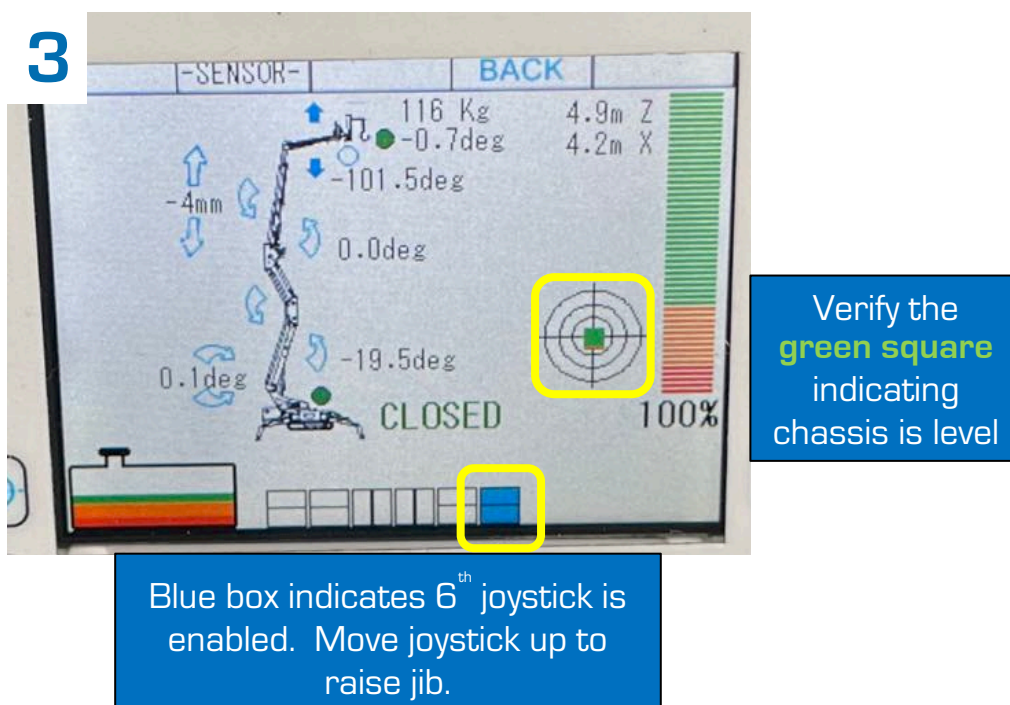
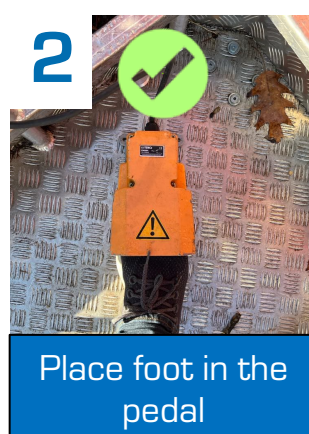
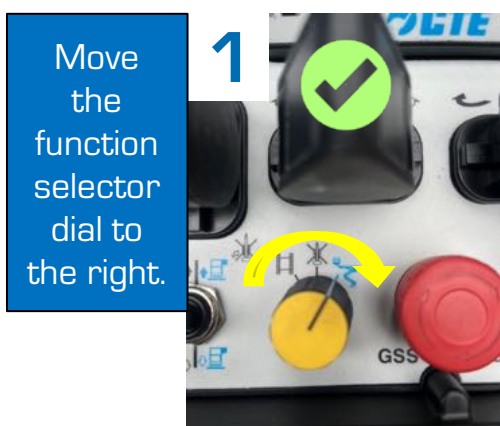
Secure the free end of the lanyard to the designated rings.



Aerial Operations from the Basket

To Enable Aerial Functions:

1. Set the function selector dial to aerials, the display screen looks like bottom photo.
2. The pedal must be pressed to enable aerial maneuvers. The blue box indicates that only joystick 6 is enabled (jib). Reminder: The jib must be the first move up out of the rest when ascending and the last move down when descending. The fixed console is equipped with a CONFIRM button as an alternative to the foot pedal. Press the CONFIRM button on the side of the console to enable maneuvers.



Aerial Operations from the Basket

1



Push UP on 6th joystick to raise the jib. When the jib reaches approximately -45° , other joystick functions are available on the display.



2



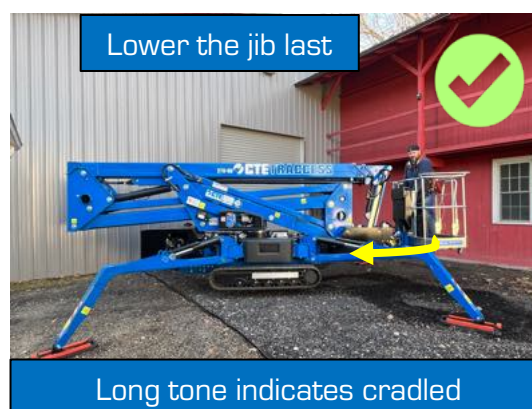
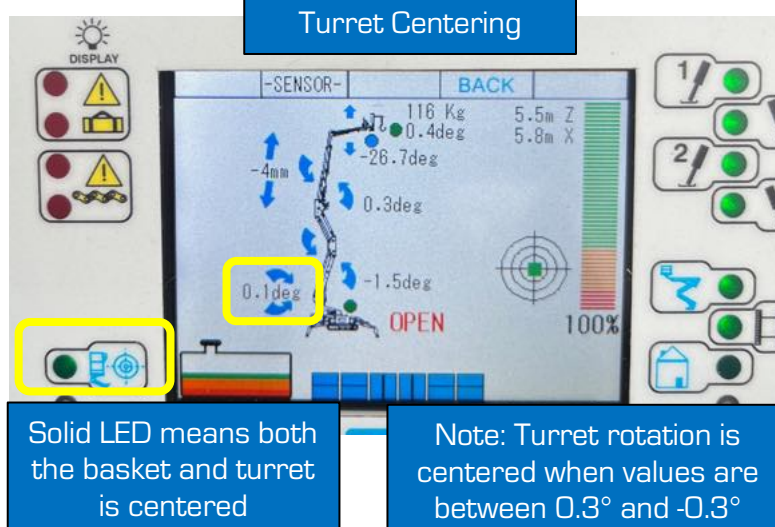
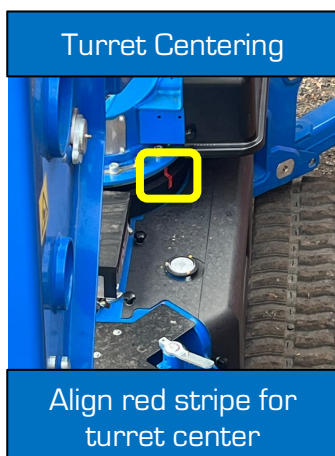
Push UP on 1st joystick to raise the pantograph. When the pantograph reaches approximately 0° , the turret rotation (joystick 5) is now unlocked. The display now shows all joystick functions are available.



Aerial Operations from the Basket (Descending and Stowing)

General Sequence for Stowing the Booms Safely:

1. Retract the upper boom telescope (Joy5 UP)
2. Rotate turret to center (Joy3 LEFT/RIGHT)
3. Lower the upper boom angle (Joy 2 DOWN)
4. Lower the pantograph (Joy1 DOWN)
5. Center the basket (Joy4 LEFT/RIGHT)
6. Lower the jib into the rest against the plate (Joy6 DOWN) and listen for the long audible tone, and the message **CLOSED** on the display.



Tip: The START button is also a BYPASS button and will allow maneuvers blocked by anti-collision software features. Hold the START and use any joystick to perform the maneuver. Use this Bypass with CAUTION as you can damage your machine.

CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

⚠ Use extreme caution when using live hydraulics, all safeties are disabled. Use this guide only to recover the lift.

How to Activate Live Hydraulics

1. Go to the main hydraulic block with the 2 red wheels. It's on the right side of the machine near the engine.



2. Turn valve W1 (red wheel below) clockwise until finger tight.

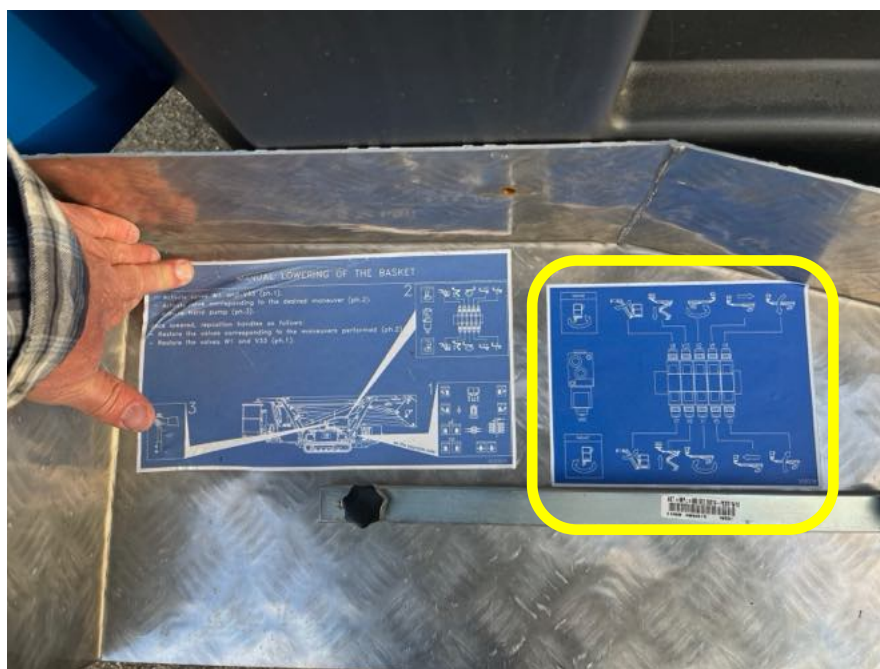


3. Remove the blue cap over the valve V33 shown below. Turn the brass valve CCW until tight.



CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

4. Remove the turret cover to reveal the aerial control valves. The valves are opened by pressing firmly on the rubber stoppers on the top or bottom of the 5 valves.



5. Use the decals on the inside cover to identify which aerial functions are controlled by which valves.

CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

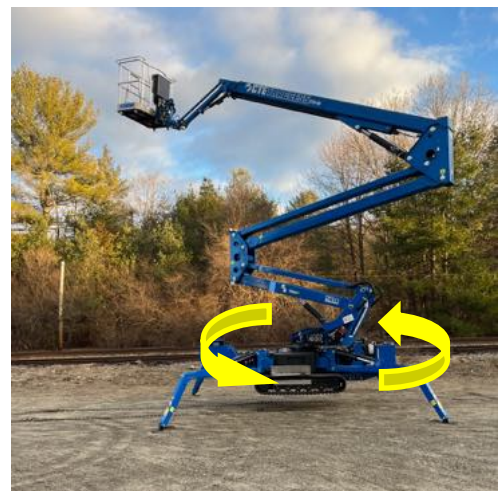
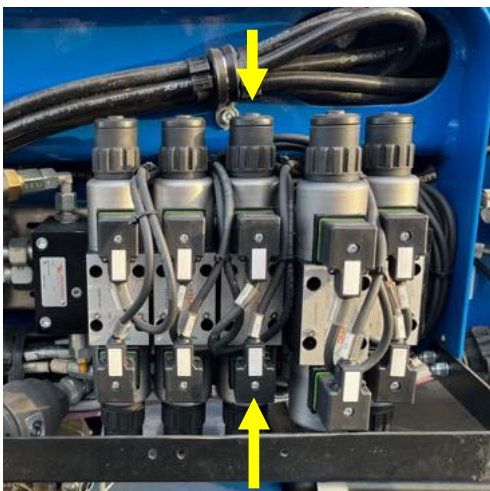
You are now ready to start the descent sequence (6 steps).
Use caution and always watch the action to avoid collisions.

Note: This is a general descent sequence and the order will
fit most situations. Always retract the upper boom first.

1. Press and hold (V6) to retract the upper boom.

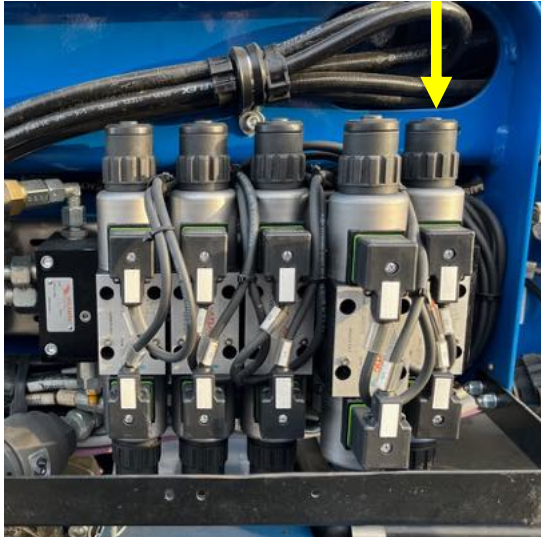


2. Rotate the turret to center. Use the red marks for reference. Top (V2) is CCW and bottom (V1) is CW.



CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

3. Lower the upper boom by pressing the valve (V4).



4. Lower the pantograph by pressing the valve (V10) . Caution: The turret must be centered to avoid collision.

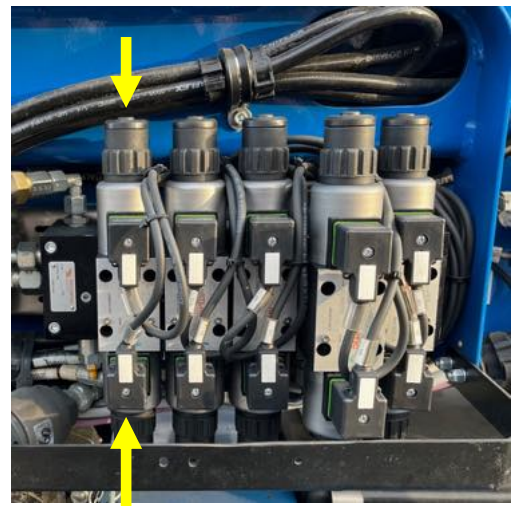


CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

Note: The basket must be centered before lowering the jib. This will require a second operator holding valve V40 open with a small Allen key or screwdriver. V40 is on the turret under the left side cover behind the remote cradle.

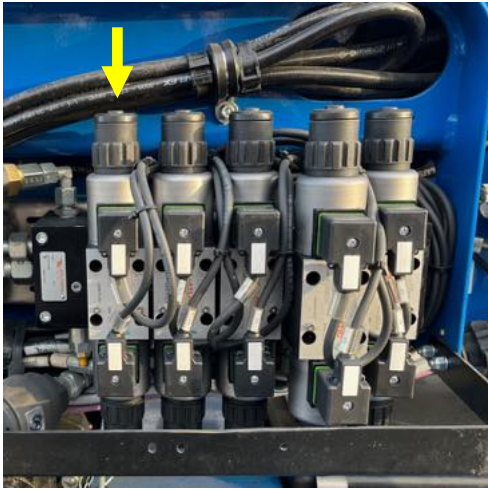
5. Use V8 (top) to go right or V7 (bottom) to go left and rotate the basket to center while V40 is open.

V40 held open



CTE Traccess 270/88 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

6. Use V8 to lower the jib to against the rest plate.



When all booms are stowed:

1. Return valves W1 and V33 to the original positions. W1 (red wheel) turn left (out). V33 (brass) turn right (in) and replace the blue cap.
2. Next cycle the battery and restart the engine.
3. Correct any unsafe condition before resuming aerial work.

CTE Traccess 270/88 Elevating Work Platform Quick Start User Guide Summary

Before Operation:

- Read and follow all safety instructions in the full owner's manual.
- Wear appropriate personal protective equipment including fall protection harness.
- Conduct thorough pre-start inspection and function tests.
- Perform a site risk assessment. Check operation area is suitable, level, firm and free of hazards.
- Cordon off hazard area.

Starting Machine:

Diesel Engine Start:

1. Turn Bottom key to right, (ON).
2. Insert Battery Key (Red) tail down, turn Clockwise, so the tail points left.
3. Turn Top Kubota key to glow plug heat position and hold till light turns off.
4. Turn Kubota key to start position until engine starts.

Linking the Wireless Controller:

1. Twist to Release the E-stop button.
2. Press the Start button on the side of the Remote 2 times, 1 to turn on, 2 to link. Green LED indicates Wireless link. Slow blink means its linked.
3. Wireless Controller is now active with Diesel Engine.

Electric Motor Start:

1. Turn Bottom key to right, (ON).
2. Insert Battery Key (Red) tail down, turn Clockwise, so the tail points left.
3. Kubota Keys should be OFF to preserve battery.
4. Battery Isolator at rear of the machine, near the batteries should be out/up.
5. Use Wireless or tethered remote to start motor with toggle labeled START.

Linking the Wireless Controller:

6. Twist to Release the stop button.
7. Press the Start button on the side of the Remote 2 times, 1 to turn on, 2 to link. Green LED rapid blink indicates Power ON. Slow blink means its linked.

Activating the Electric/Battery Pump

8. Hold the Start Button on the left while using the engine toggle. A green plug icon will appear.
9. Push up on the engine toggle a 2nd time to activate the pump, you will hear a click.
10. Functions are now active with the Battery Pack. You can see a % on the display of available Battery.
11. Connect to AC Power to preserve battery. Do not let batteries go below 30%.

Travel Operations:

1. Pre-walk the route and identify hazards.
2. Keep the tracks in the wide position unless going through a narrow passage and return to wide position.
3. Only use rabbit speeds on straight paths and level terrain.
4. Selector dial must be to the left (BLACK) to enable track functions.
5. Orientation is from the basket. Outer joysticks move tracks, black arrows indicate direction.
6. Blue boxes on the bottom of the Display indicate which joysticks are active.
Note: Jib can be raised for loading purposes but must be tight against the rest for outrigger operations.
7. Other Aerial functions can be used to close an improperly closed unit if preventing track functions by use of the START/bypass button.

Stabilizing Operations:

1. Perform a ground test and identify any hazards.
2. Outriggers must be unpinned and moved into position wide or narrow. Pins must be locked in place and the handle rotated to enable outrigger movement. Outriggers will appear in position on the display panel.
3. Move the selector dial to the left (BLACK) to enable outriggers to lower. Use the black icons on the remote to choose function. Blue boxes on the bottom of the Display indicate which joysticks are active. Individual joysticks or self-leveling toggle will lower outriggers. **Reminder: Jib but must be tight against the rest for outrigger operations to be enabled.**
4. Hold the self-leveling toggle down to lower all 4 outriggers at once. Watch all outriggers lower to the ground and verify clearance and contact with the ground. Hold the toggle until you hear the long solid tone. A green check mark on the display determines chassis is level and aerial functions are unlocked. Tracks should be off ground. (3" minimum). All outrigger footpads must be level, and on stable terrain.
5. When the chassis is stabilized aerial functions are enabled. Check bubble level on chassis to verify level. Note: Wireless Aerial functions are available for function testing without an operator in the platform.

Command Transfer: (No fixed Console present)

1. Move the command select key on the side of the turret to the right for Aerial Controls.
2. Connect the wireless remote to the cable in the platform station, seat the controller in the cradle. Note: You will be required to restart the diesel engine or the electric pump and relink the controller.
3. Link the Controller again by using the start button, slow blink means its linked. Once linked Aerial functions are operational. You may need to verify chassis level by switching the yellow function dial to the left (BLACK) to confirm the check mark on the display. Once verified, move the dial to the right.

Aerial Operations:

1. All Required PPE must be worn for aerial operations. Fall Protection must be connected to the designated rings only.
2. Use the ladder to enter the basket safely. Lift the ladder to avoid damage.
3. It is the duty of the operator to watch for hazards before moving and maintain minimum approach distances of energized conductors.
4. Move the yellow selector dial on the controller to the right (BLUE) and press the pedal to enable aerial functions from the basket.
5. Blue icons on the joysticks indicate function. The display panel blue boxes indicate which functions are enabled. The Jib must be first maneuver from its rest. When the Jib is up 45° other functions are enabled.
6. The General Sequence for stowing the booms safely follows this order:
 - Retract the Upper Boom telescope. (Joy3 UP).
 - Rotate Turret to center. (Joy5 UP/DOWN)
 - Lower the Upper Boom angle. (Joy2 DOWN)
 - Lower the Pantograph. (Joy1 Down)
 - Center the Basket. (Joy6 UP/Down)
 - Lower the Jib into the Rest against the Plate and listen for the long audible tone. (Joy4 DOWN)
 - **IMPORTANT: The Jib (4th Joystick) must be the last move to properly stow the jib against the rest. TIP: Verify the aeriels are correctly closed by moving the function dial to the left to see if the outriggers are enabled. Outriggers will not unlock if the unit is not fully closed.**

Shutdown:

1. Press the E-stop button and disconnect Controller and Remove all keys to preserve batteries. Keep them all together in a safe location away from the machine. Do not leave the controller outside.
- For complete operating and safety information, refer to the full owner's manual. This is only a basic guide. Use machine only if properly trained.

	Traccess Alarm Code Legend	Quick Solutions
91	Maximum Allowable Weight in Basket is Exceeded.	Remove weight from Basket.
96	Maximum Safety Coefficient Reached while aerial.	Retract or Raise the Boom. Other movement is blocked.
98	Engine Battery is low.	This may appear briefly during Engine Start, then clear itself. If code persists, check the battery voltage.
241 242	Operating Status Selection Errors may be due to basket weight during travel, or improperly stored aerial components.	Hard Restart may clear the code. Verify all Aerials are properly stowed. Try reseating all booms correctly. Call your dealer for assistance.
274	Station Selection not Valid.	Station Selection Key Switch may be in wrong position. Basket Console may be disconnected. Aerials may not be stowed properly.
275	Basket Lock Pin is loose or missing.	Verify the presence of the basket pin and lock. All functions are blocked.
276	Basket Angle is close to limit of 5 degrees.	Re-Level the basket using the toggle on the console. Some aerial maneuvers are blocked.
278	Boom is extended without stabilization (outriggers up).	Use the console Bypass Feature to retract the boom. Jib will need to be raised first.
279	Boom is not stowed without stabilization (outriggers up).	Lower the boom before proceeding.
297	Chassis Angle limit is exceeded.	Travel and Stabilization is blocked due to the side angle of the chassis. Correct the Angle before proceeding.
301	Foot Pedal not engaged.	Use the foot Pedal before attempting movement.



For full list of error codes, see section 12.2 in your Owner's Manual or scan this QR code.