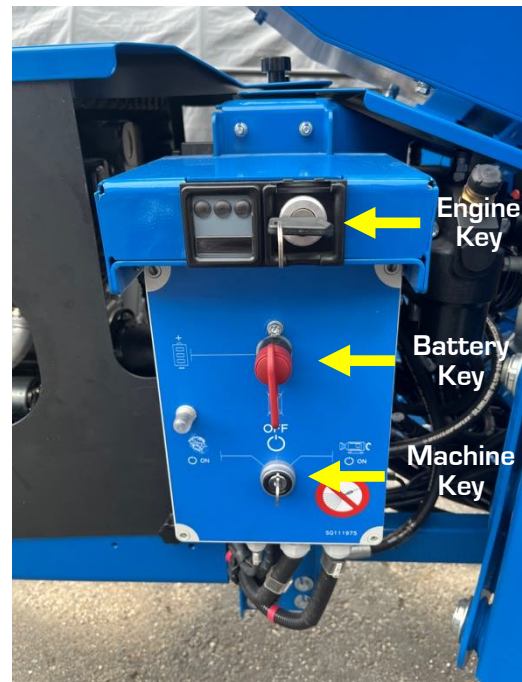


QUICK START GUIDE FOR THE CTE TRACCESS 160/51

Version 1.1 Turning on the Machine



Keys and the wireless controller are not stored with the T-160/51. Bring all keys and the wireless remote to the front of the machine.



Diesel Start Up and Wireless Link

For Use with the Kohler Diesel:

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



Note: The Kohler is not equipped with glow plugs.

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.

Electric Start Up and Wireless Link

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



Electric pump feed (inlet) is under the hydraulic tank at the rear of the machine.

For Use with Electric Power:

1. Engine key is not necessary.
2. Battery key insert tail down and swing to left for ON.
3. Machine key turn right to ON.
4. Power must be connected to a 20 AMP outlet with a 10/3 cable.
5. Breakers must be on (UP).



Electric 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. Press START a second time to link. Notice the green LED; slow blink means it's linked.



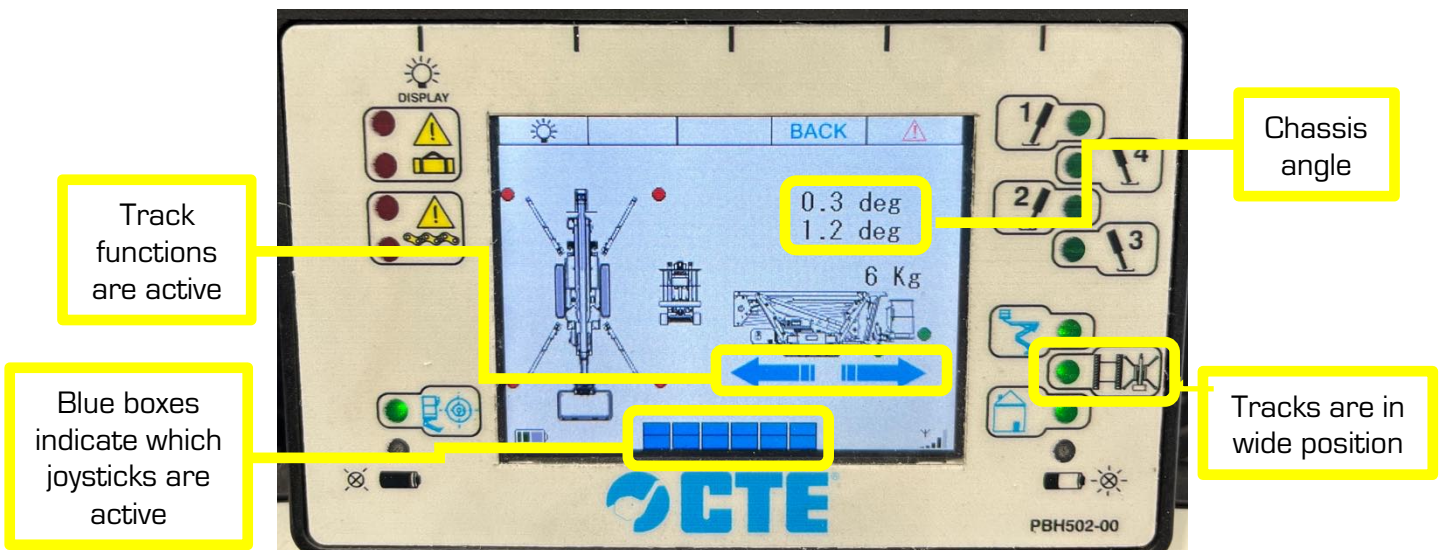
Push UP on the engine toggle to activate the pump. The pump will run continuously. The joysticks are active.

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

Traveling on Tracks with the Wireless Controller

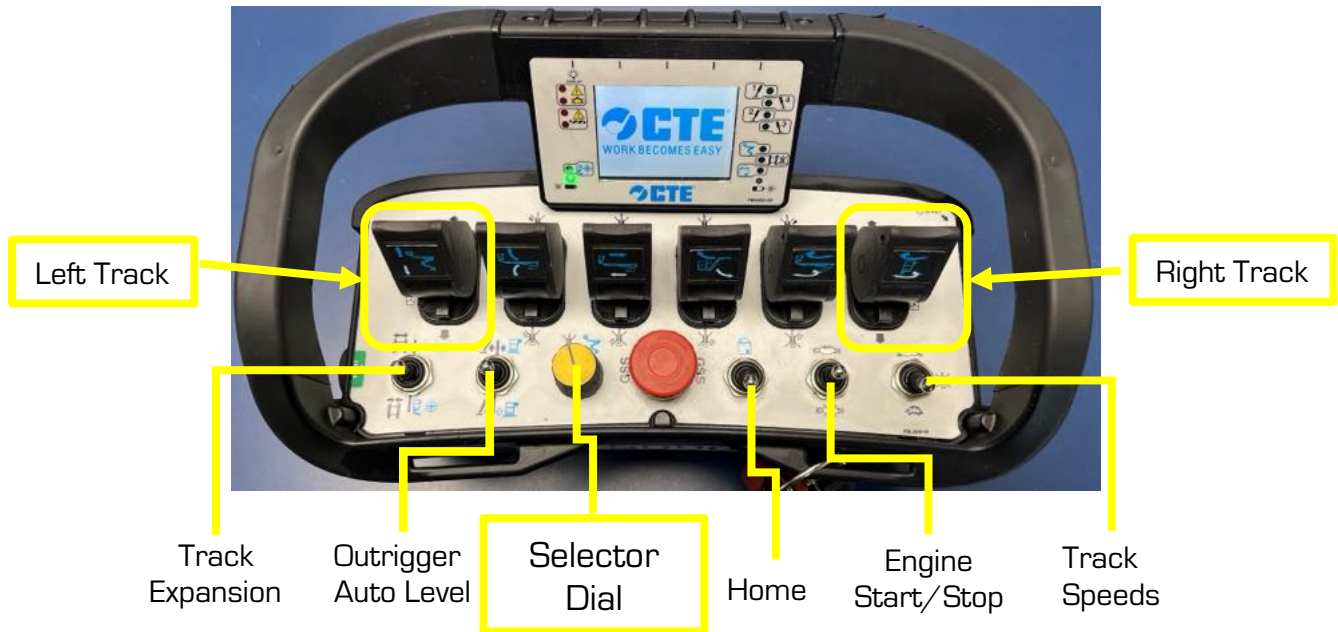
⚠ Caution: A ground test and walking your route are required by ANSI standards. Traveling using the wireless controller with the tracks in the wide position is considered the best safe practice.

The orientation is from the basket (back) looking toward the engine (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 ground (left); use the black icons to select function. Track movement is with the left and right joysticks. Use the black arrows to choose direction.

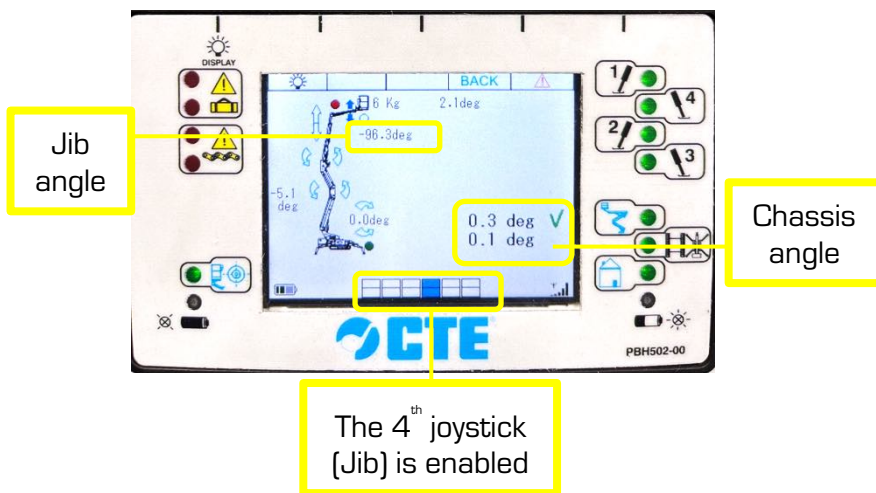


To raise the jib while traveling on tracks:

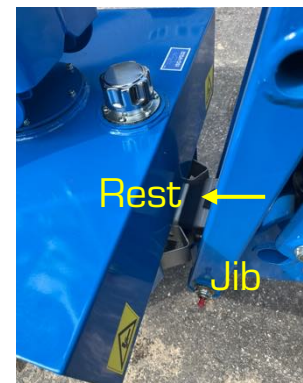
1. The selector dial must be moved to aerial (right)
2. 4th joystick UP raises jib



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.

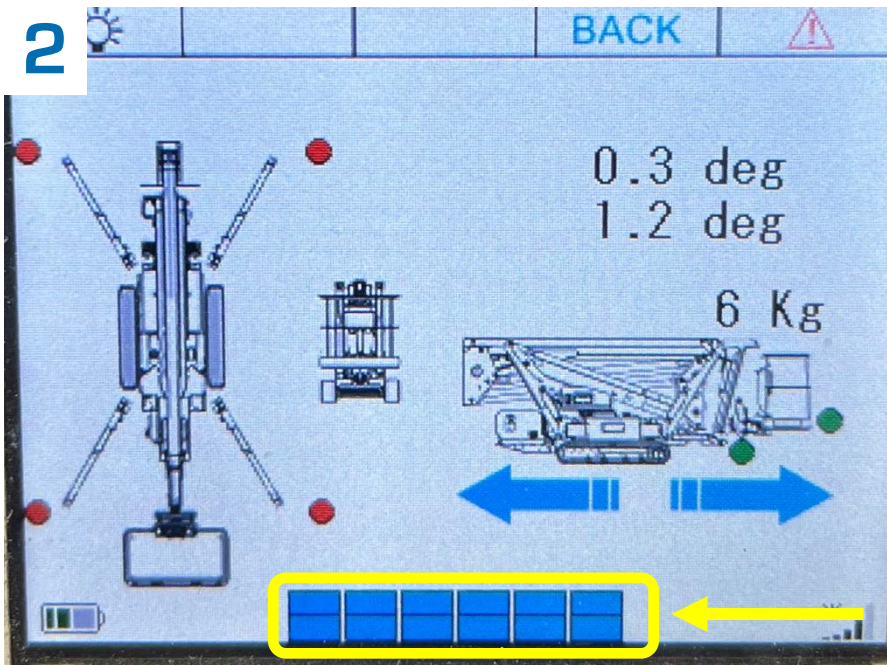


Outrigger Operations

⚠️ 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 160/51 does not know the ground conditions and safe stabilization demands the attention of a trained and certified operator.



1. The selector dial must be set to ground (left) to raise and lower outriggers.



2. Outriggers on the 160/51 are fixed and do not rotate. They can be raised and lowered if the aerials are fully down.

The display screen will look like this when ready to use the auto level toggle. All 12 squares are blue.



Individual outrigger controls are also available using the 4 middle joysticks.

Outrigger Operations

1



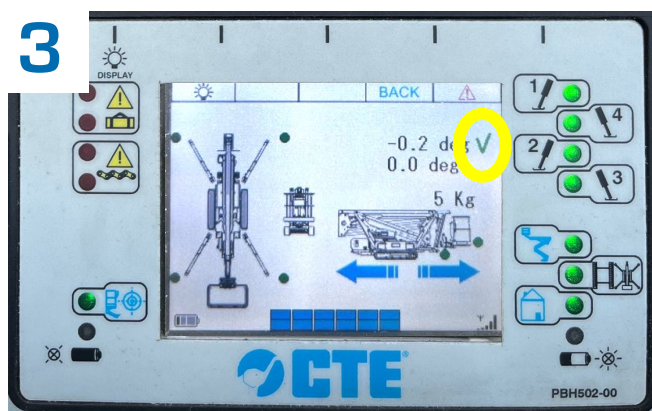
1. Position yourself in the front or rear of the machine where you can see all 4 outriggers move down.

2



2. Hold DOWN second toggle from the left to activate auto-leveling.

3



3. A long tone will sound when the chassis is level. Notice the **green check mark** indicating level. Look at the bubble gauge to verify level.



⚠ Attention: Both tracks must be clear of the ground 3" minimum is suggested. Tip: 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 sinking. Do not neglect this important step.

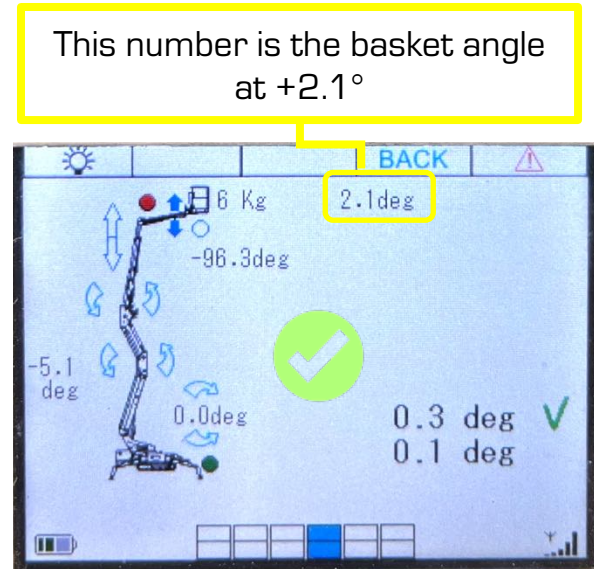
Basket Leveling from the Wireless Controller (Before Aerials)

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: $+1^{\circ}$ - $+2.5^{\circ}$ 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 right, and use the second toggle to adjust the basket angle. Set the basket angle to between 1 and 2.5 degrees.

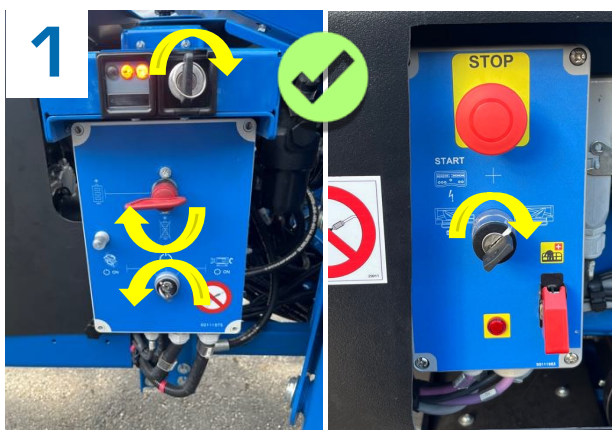
Pre-Flight Checklist

⚠ 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 look for hazards before moving and maintain minimum approach distances to energized conductors.

BEFORE ENTERING THE BASKET:

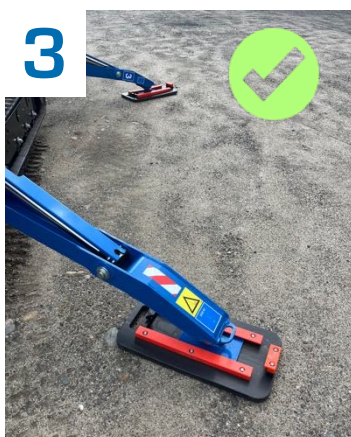
1. Are keys all in the correct position? Engine ON, battery ON, machine key ON, station select key to aerial (RIGHT).
2. Fuel level OK.
3. Outriggers and pads checked for level.
4. Basket is level or positive. Tip: $+1^{\circ}$ - 2° will ensure the basket will stay within $\pm 5^{\circ}$ range during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



All keys in correct positions. Station selector key on turret set to aerial.



Verify fuel level OK by refilling diesel tank or checking level visually.



All 4 pads are level on stable terrain



Negative angle



Positive angle

Transfer Command from Wireless to Basket Controls (Fixed Console)

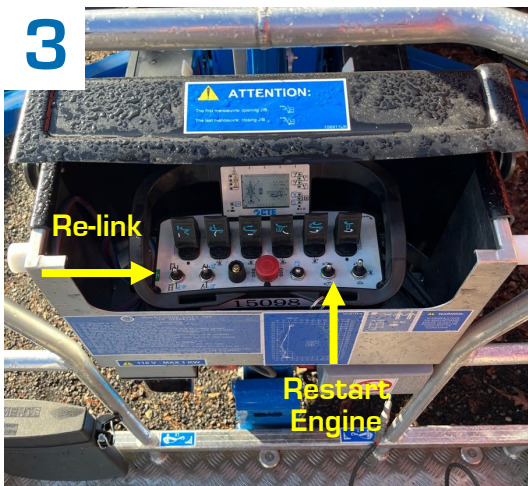


1. Move the command select key on the side of the turret to the right for aerial controls. You can use the machine key, but it must be returned so the machine turns back on.

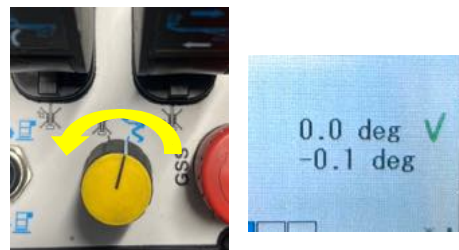


2. Press the E-Stop on the remote. Note: Put the wireless remote in a safe location on the jobsite where ground personnel know, but out of danger.

⚠ ATTENTION! DO NOT LEAVE WIRELESS REMOTE UNSECURED ON THE CHASSIS OR TRACKS!



3. Safely enter the work platform.
 b. Re-link
 c. Start the engine
 d. Verify the **green check mark** if stabilized before attempting aerial functions. Switch the dial to ground functions to regain the checkmark.



Aerial Operations from the Basket

⚠️ Reminder: The Traccess 160/51 does not know weather conditions and it cannot see objects. Contacting any objects with the booms is forbidden.

ENTERING THE BASKET:

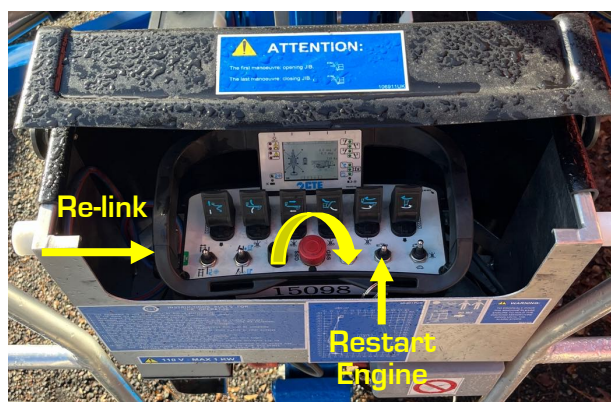
1. Load your tools and equipment into the basket.
2. Use the ladder step to safely enter. Lift and secure the ladder step; this will prevent entanglement.
3. Secure the free end of the lanyard to the designated rings only.
4. Connect and seat the wireless remote (ONLY if no fixed console is present).
5. 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.



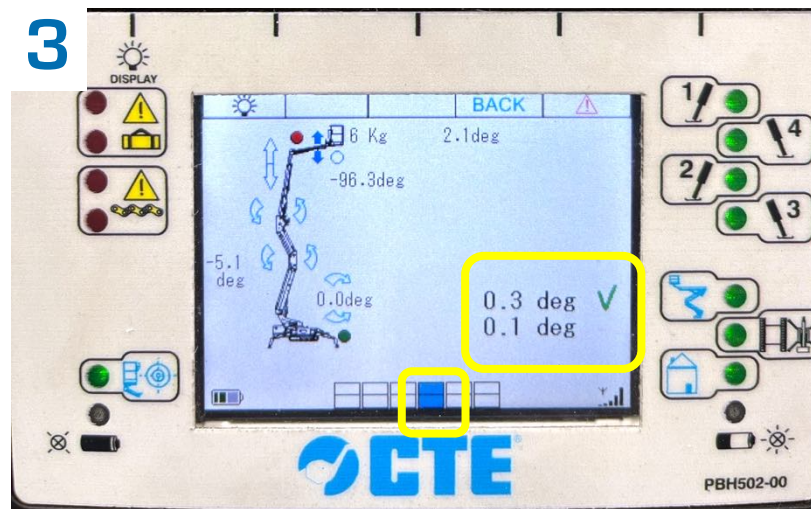
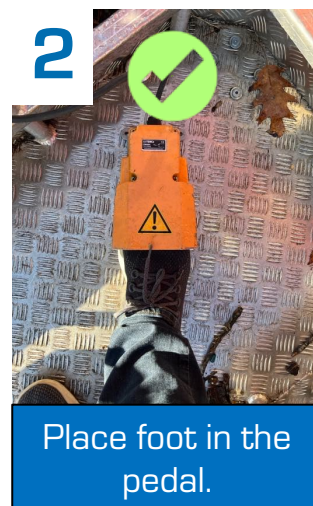
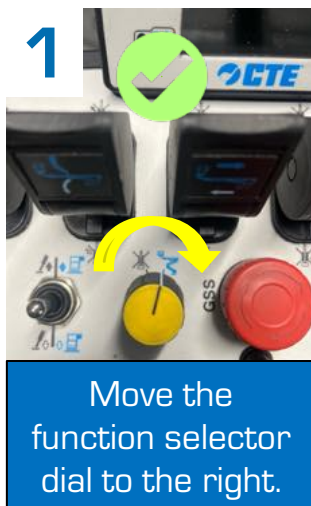
Secure the free end of the lanyard to the designated rings.



Aerial Operations from the Basket

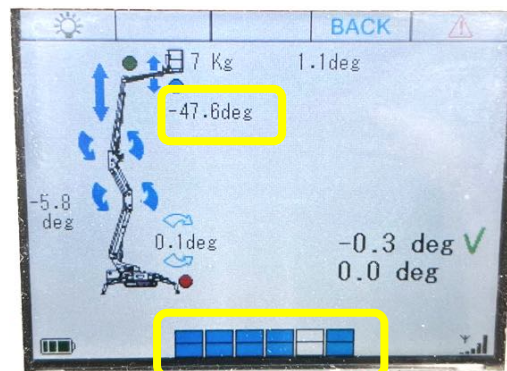
To Enable Aerial Functions:

1. The **green check mark** on the display means chassis is level and aerial maneuvers are unlocked. The function dial is set to aerals, the display screen looks like bottom photo.
2. The pedal must be pressed to enable aerial maneuvers. The blue box indicates that only joystick 4 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.
3. Reminder: Use the blue decals on the individual joysticks to select functions.

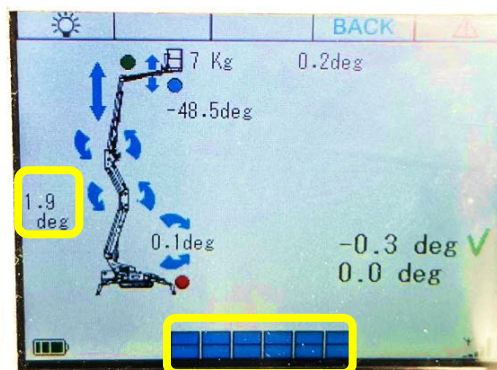


Blue boxes indicate 4th joystick is enabled. Move up joystick to raise jib.

Aerial Operations from the Basket



Push UP on 4th joystick to raise the jib. When the jib reaches -45° , other functions are available on the display.



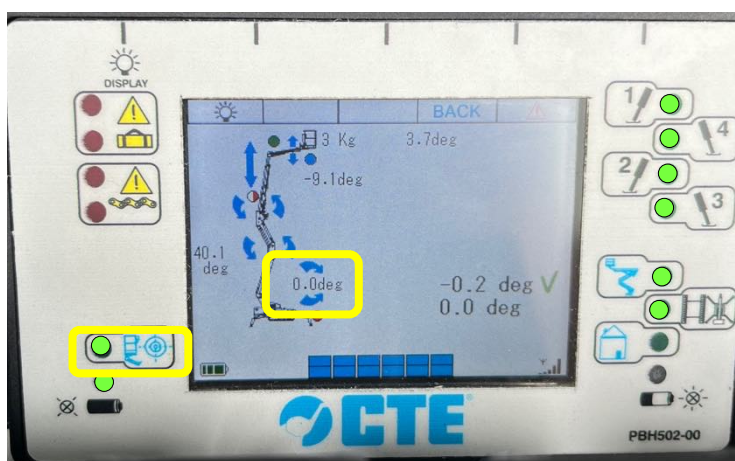
Push UP on 1st joystick to raise the pantograph. When the pantograph reaches 0° , the turret rotation [joystick 5] is now unlocked. The display now shows all functions are available.



Aerial Operations from the Basket (Descending and Stowing)

General Sequence for Stowing the Booms Safely:

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



Solid LED means both the turret and the basket are centered

Note: Turret rotation is centered when values are between 0.3° and -0.3°

Rotate the basket to center before lowering jib



Lower the jib last



Long tone indicates booms are cradled and fully closed

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 160/51 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.

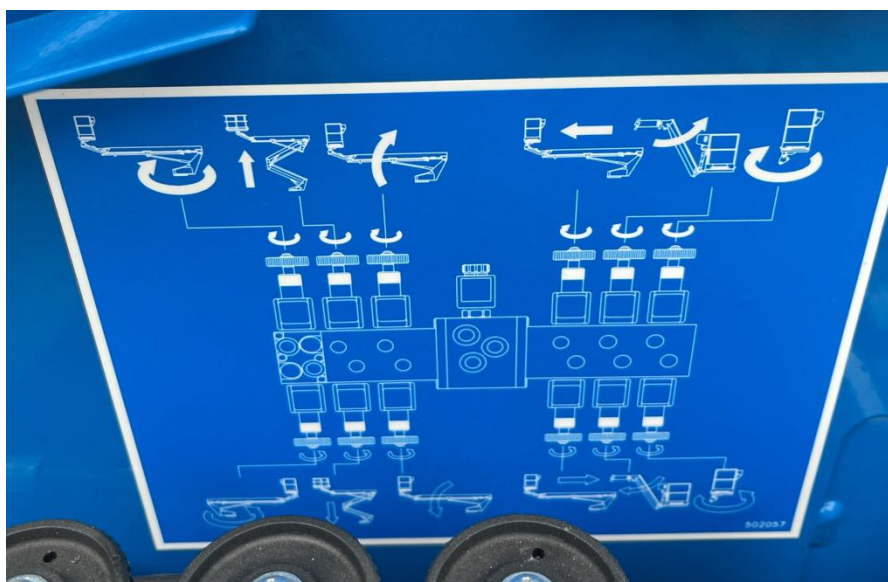


3. Remove the blue cap over the valve V33 shown below. Turn the brass valve CCW until tight.



CTE Traccess 160/51 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

4. Remove the turret cover to reveal the aerial control valves. The valves are opened by gently turning the wheels on the top and bottom of the 6 valves.



5. Use the decal behind the aerial hydraulic block to identify which aerial functions are controlled by each valve.

CTE Traccess 160/51 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. Turn the bottom of the 4th valve CW (up) to retract the upper boom.



2. Turn the top of first valve for CW turret motion or turn bottom for CCW turret motion. Use the remote display to verify that the turret is centered.



CTE Traccess 160/51 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

3. Turn the bottom of the 2nd valve CW (up) to lower the pantograph. Caution: The turret must be centered to avoid collision.



4. Turn the bottom of the 3rd valve CW (up) to lower the upper boom.



CTE Traccess 160/51 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

5. Turn the bottom of the 6th valve CW (up) to rotate the basket to the right. Turn the top of the 6th valve CCW (up) to rotate the basket to the left.

Note: The basket must be centered before lowering the jib.



6. Turn the bottom of the 5th valve CW (up) to move the jib into the rest plate.



CTE Traccess 160/51 Elevating Work Platform Live Hydraulics for Aerial Maneuvers

When all booms are stowed:

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

