



Get a Grip Adventures



Zip Line Tour – Quick Response Inspection Report

Location: Ozone Zipline Adventures

Address: [REDACTED]

Phone: [REDACTED]

Contact: Abe Wright, Chris Addison

Inspection Date: October 18, 2016

Inspected by: Jerrod Pingle

Last Inspection: March 23, 2016

Last Inspected by: Get a Grip Adventures

Zip Line Tour Elements / Description / History

Ozone's tour has 12 zip lines, 17 platforms, 8 sky bridges and a five pole tower.

All the zip lines are ½" IWRC galvanized aircraft cable with the terminations into an adjustable bracket using ferrules and fist grip cable clamps. Platforms were installed with either steel or wood frame and all have pressure treated 2x6 lumber as decking. All sky bridges are supported by four cables (either 3/8" or ½" depending on the location), the walking surface is 2x6 treated lumber with wood decking running the length. Multiline rope is used vertically for support and stability. The 5 pole tower has 2 decks used for zip line take-off platforms. The tower access is a staircase running around the outside of the poles.

All construction was completed by Experiential Resources (most in July 2009 and the two river lines completed in March 2012).



Zip Line Tour Element Inspection:

This inspection was in response to an incident that potentially involved an aircraft coming in contact with a zip line that is part of the Ozone tour. The only areas of focus were the zip lines that may have been involved. This includes zips 6, 7, 8, river 1 and river 2. This report only reflects these areas to evaluate any connection to the aircraft incident and assess if the zip lines may continue normal operations.

There are three levels that are placed on each element that is inspected:

Pass: The element is in proper working condition and ready for use.

Pass with Recommendation (P/R): The element can continue to be used. Get a Grip will include recommendations for that element concerning the use or construction. These recommendations should be completed in a timely manner.

Fail: The element is unsafe, does not meet ACCT standards and/or needs changes or updates. The element should not be used until appropriate repairs are made.

<u>Zip Line River 1</u>	<u>Pass/Fail</u>	<u>Comments / Recommendations</u>
1370' @ 3.5 degree slope @ 3100 lbs. tension		
½" zip cable	Fail	The cable was struck by some part of the aircraft. Materials from the aircraft were found imbedded in the cable, see photos #1 and #2. The cable effected only appeared to be 12-18 inches, roughly 486 feet from the sending platform. At the point of impact, the zip line is 170 feet above ground level with a 205-pound load (accounting for the weight of the inspector and gear). The cable also had a large amount of tree fibers imbedded in the cable roughly 85 feet from the sending platform, see photo #3. The tree it appears to have struck is roughly 25-27 feet to the right of the zip line (while facing down line).
Sending Termination	Pass	The wrap does show signs of it being pulled to the right while under load.
Landing Termination	P/R	Previously reported during the March 23, 2016 inspection: <i>"The tree bracket at the landing end of the zip line is bending slightly due to the load of the zip line. At the time of the inspection the bracket appears to be bent 1/8" out of shape. This should be monitored and replaced if the bending worsens."</i> Due to the previously noted bracket loading it is recommended that the bracket be replaced at the time of the cable replacement.
Guys	Pass	
Anchors	Pass	
Zip Stop		Not inspected
Braking Systems		Not inspected
Landing Area Ramp		Not inspected
Environment	Pass	

Zip lines #6, #7 and river line #2 were also inspected for involvement with the aircraft incident. There were no signs of any damage or indication that they were effected. These lines are cleared and are ready for general operation.



Photo #1 River zip #1



Photo #2 River zip #1



Photo #3 River zip #1 wood fibers

Zip Safe:

This inspection evaluates the state of the elements, equipment, hardware, etc. at the time of the inspection. This does not include evaluations of the operational and braking systems on the course. Get a Grip adheres to the standards and practices set forth by The Association for Challenge Course Technology and associated ANSI standards. If you have any questions pertaining to this inspection or otherwise please contact us.

Misuse of any of the equipment can lead to injury or worse, which stresses the importance of thorough training. Training and proper use of the zip tour are needed to continue to insure safety. A high standard of safety needs to be enforced at all times while the tour is in use.

Inspection Date: October 18, 2016

Inspected by: Jerrod Pingle



Climb to your potential

