

DAILY INSPECTION CHECKLIST

Operator: _____

Date: _____

Operating Area

Firm, level, and dry ground. Free of overhead obstructions. Winds under 30mph. No lightening.

1

2

Tower Locks

Positioned and locked around tower mast for operations.

1

2

Guy Cables

Inspect for flat spots, broken strands, twists, kinks, or bird-caging (page 30). Properly tensioned for operations (page 11).

1

2

Steel Ride Cables

Inspect for flat spots, broken strands, twists, kinks, or bird-caging (page 30). Properly connected and tensioned for operations (pages & 12-13).

1

2

Inflatable Targets (if used)

Properly anchored with stakes, ground weights or anchors, or sandbags. Blower(s) is connected to a grounded power source.

1

2

Auto-Retract® Ropes

Inspect for cuts and frays. Inspect knots on each end: should be figure-8 with at least 2" tail or sewn end. Properly connected to trolley (page 19).

1

2

Auto-Retract® Air Pressure

Check each air pressure gauge to confirm that they read in the range of 55-65 psi. *Write the actual reading in the box to the left, not a check mark!*

1

2

Auto-Retract® Hydraulic Fluid

Blue-tinted hydraulic fluid should be visible in the oil sight eye when the tower is upright.

1

2

Auto-Retract® Priming

Ensure that the Auto-Retract® has been properly primed (page 19)

Lanyards

Inspect the 2 rider lanyards and 1 operator lanyard to ensure that there are no cuts, frays, or loose stitching.

Auto-Locking Carabineers

Inspect for surface rust, pitting, or any wear in the metal. Gate automatically snaps closed.

1

2

Trolleys

Connection points should not show signs of wear (grooves or key-holing). Bearings spin freely and quietly. Properly installed on ride cables (page 18).

QUARTERLY INSPECTION CHECKLIST

Operator: _____

Date: _____

In addition to Daily Inspections:

1	2	Compression Damping Coil Springs
		Check for cracks or signs of wear or fatigue.

1	2	Pulleys and Pulley Cart
		Check all pulleys (including 2 on tower) for wear, chipping, or cracking. Ensure that the pulley cart is free from debris, and make sure that it is not obstructed in any way. Check bearing wheels for signs of wear and conform there is proper contact with the track.

1	2	Auto-Retract® Hydraulic Hoses
		Inspect for leaks around the fittings. Tighten and document any alterations to the system.

1	2	Hardware
		Inspect the following critical hardware: 12" bolts thru pulleys on the Auto-Retract®, 2 bolts thru tower pulleys, bent-pull pins (4 on tower, 4 on ATDs).

1	2	Visual Inspection
		Visually inspect all structural components and welds for damage, deflection, or cracking.

1	2	Clean the Trailer and Zip Line
		Use mild detergents.

ANNUAL INSPECTION CHECKLIST

Operator: _____

Date: _____

In addition to Daily & Quarterly Inspections:

1	2	Steel Ride Cables
		Replace both steel ride cables

1	2	Auto-Retract® Ropes
		Replace both Auto-Retract® ropes. Inspect knots and connection points.

1	2	Hardware
		Replace the following critical hardware: 12" bolts thru pulleys on the Auto-Retracts®, 2 bolts thru tower pulleys, bent-pull pins (4 on tower, 4 on ATDs).