



MID AMERICA
Setup Check List
S & S Frog Hopper
1005

Location: Birmingham AL

Date: _____

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Position trailer/ride on a hard, flat level surface.	
2.	Ensure that the surrounding area is free from debris and overhead obstructions.	✓
3.	Remove manual side wind jack from trailer storage box and install on trailer.	✓
4.	Disconnect safety chains and trailer electrical from trailer and transport vehicle, locate chains off the ground.	✓
5.	Remove frog head marquee by vertically lifting it from the trailer, and install marquee face up on the boom.	✓
6.	Secure marquee by install spring pins.	✓
7.	Connect control console to power source.	✓
8.	Remove and assemble operator control stand.	✓
9.	Connect power source and remove operator panel plug.	✓
10.	Connect operator panel to power source.	✓
11.	Ensure that both red E-Stop buttons are lifted.	✓
12.	Remove sheave transport ratchet straps.	✓
13.	Remove transport seat pin.	✓
14.	Manually lower seat until lower photo eye is blocked.	✓
15.	Press green motor start button.	✓
16.	Remove trailer jack keeper pins.	✓
17.	Extend jack cylinders by using manual hydraulic control lever. Operate all hydraulic levers slowly and with caution. Do not initially fully engage levers.	✓
18.	Lower trailer tongue until it rests on the ground.	✓

	PROCEDURE	OK
19.	Disconnect boom keeper pins from the boom and stow.	
20.	Open ball valve in line with control levers.	
21.	Slowly lift boom to the upright position using manual hydraulic control lever while ensuring seat does not fall.	
22.	Verify brake cams are disengaged and function or in open position.	
23.	Continue to lift boom until the 1" strut to boom locking pins can be inserted through all three alignment insertion rings.	
24.	Insert washer and r-clips onto the end of the pin.	
25.	Insert strut to strut quick release L-Pin.	
26.	Fully extend trailer jacks using manual hydraulic control lever.	
27.	Install Jack locking pins and pinsert pins with washers and R-clips. If necessary, use single side wind jack to lift trailer enough to relieve pressure from hydraulic lift jacks to make installation of hydraulic jack locking pins easier.	
28.	Verify all 4 boom pads and the catch shock is firmly in contact with the ground.	
29.	Lower and remove single side wind jack and stow.	
30.	Verify that all locking pins have washers and r-clips attached.	
31.	Verify that ride is level, stable, and that there are not obstructions in the area.	
32.	Trailer tongue may be folded at this time.	
33.	Close manual hydraulic control valve for ride operation.	
34.	Release tie-down and pull pin retaining stowed seat. Remove seat from above storage boxes and rotate upright, align mounting tubes and fasten lower, mid and upper pins.	
35.	Once seat frame extension is attached and pinned, slide restraint bar over mating pin and pin both upper and lower bars. Double check the pinning of the seat and bars, making sure they are all securely fastened.	
36.	Position the end seat pad foam on the bar, cover with vinyl and velcro closed. All pins should be completely covered by the padding. Repeat for the end seat on opposite side.	



MID AMERICA
Setup Check List
 S & S Frog Hopper
 1005

	PROCEDURE	OK
37.	Install perimeter barriers.	

Check sheet completed by W Willem Nieman
 Print Name



MID AMERICA Setup Check List

Chance Merry Go Round #1
AH-73-2568

Location: Birmingham

Date: 3/15/22

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Place trailer on location. Place blocking under each hydraulic leveling jack. Level trailer with at least 58 inches from the top of the trailer to the highest level of ground.	✓
2.	Swing the outriggers into position and install the turnbuckles and tighten. Use blocking as required.	✓
3.	Install the jack stands and tighten the jack nuts. Use blocking as required.	✓
4.	Install the tent pole into the center pole.	✓
5.	Connect the two hoses to the hydraulic cylinder.	✓
6.	Install the four capscrews and swing the eye bolt up into position. Secure the two center pole sections with flat washers and hex nuts.	✓
7.	Position the van at the rear of the trailer. Install the catwalk between the ride trailer and the van.	✓
8.	<p>Sweeps and Crankshafts</p> <ol style="list-style-type: none"> 1. Install on long, medium and short guy rod on spider ring. 2. Install sweep #1 into hub and all three guy rods to sweep. 3. Make sure the guy rods are securely hooked at each end. 4. Install sweep #2 5. Install four spreader bars between sweep 1 and 2 and continue around ride installing guy rods, sweeps and spreaders. 6. Install the inner drive shafts. 7. Install the bearing and gear. 8. Install the crankshafts. 	✓
9.	<p>Ceilings, Cornices, Head Shields and Inner Panels</p> <ol style="list-style-type: none"> 1. Slide the ceiling panels into place between sweeps. As each section is completed, install the electrical jumpers and pin the outer ceiling panel in place. 2. Install the cornices and head shields and clock in place. 3. Install canvas tent top. (Lay out the canvas over the guy rods. Fasten the split ring together around the center pole by inserting the eye bolts through the ring halves Tie rope from the pulley blocks to the eye bolts. Lace the twofent top halve together. Hoist the canvas up and secure the top around the edge by hooking to the cornices. Install the quarter poles.) 4. Install the inner panels. Secure with elastic straps. Install electrical jumpers. 	✓



MID AMERICA
Setup Check List
 Chance Merry Go Round #1
 AH-73-2568

	<i>PROCEDURE</i>	<i>OK</i>
10.	Floors, Horses, and Chariots. 1. Install the floor hanger rods. 2. Install all floor supports 3. Install each segment of floor section, starting with the inner section. 4. Install the sway rods as shown and tighten all the floor nuts. 5. Install horses - Start with the inner row then the next row then the next two rows. Hook the horse pole over the cranshaft bearing with the hook facing out. Swing the pole out and install the horse and horse step. Pin in place. Slide a telescope pipe onto the bottom of the horse pole. Swing the well greased horse pole bak in and align the telescope with the socket in the floor/ Push the telescope pipe down and turn one quarter turn to lock. 6. Install the chariots on the platform. Insert the chariot base pins in the key hole slots and push into the small end of the slot.	
11.	Install the fences.	
12.	Install the control panel.	
13.	Sweeps, spreader bars and crankshafts Visually check for wear or cracks	
14.	Horsehook, horse pipe, and connecting rivet Check for wear	
15.	Base Structure Check for wear or cracks	
16.	Sweep attachment pins Check for wear or cracks	
17.	Gearbox Check fluid level. Fill as required.	X
18.	Driveshaft bearing zerk Grease	
19.	Sweep hub bearing zerks (2 places) Grease	
20.	Crankshaft bearing zerks Grease	
21.	Bevel gear Grease teeth evenly by hand	
22.	Drive chain Lubricate and check tightness	



	PROCEDURE	OK
23.	Telescopes (30 places) Oil	<input checked="" type="checkbox"/>
24.	Tee bearing set screws (12 places) Check tightness	<input checked="" type="checkbox"/>
25.	Drive belt Check tightness	<input checked="" type="checkbox"/>
26.	Spider thrust bearing zerk* Grease	<input checked="" type="checkbox"/>
27.	Check Horse poles and telescopes locks	<input checked="" type="checkbox"/>
28.	Fluid coupling Check for leaks. Fill as required	<input checked="" type="checkbox"/>
29.	Check horse belly plates for security and condition	<input checked="" type="checkbox"/>

Check sheet completed by D Chow

Print Name

Gear box is still leaking
 and the bell workshop
 they say they need a maintenance order
 to ~~be~~ repair it



MIDAMERICA
Setup Check List

Wisdom Orient Express #1
833388

Location: Birmingham

Date: 05-31-2022

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	After the trailer is on location, place the 2 tall adjustable trailer screw jacks under the back 2 corners of the trailer. Screw up to level across the back of the trailer. Then adjust the front landing gear jacks until the length of the trailer is level. Then adjust the front landing gears until the width of the trailer is level.	✓
3.	Unload the square jack stand sand plates. Place 2 for each jack stand in the approximate location where the track jack stands will be located.	✓
4.	Hook the steps up on the back side of the ride trailer to assist in carrying the track sections off of the ride.	✓
5.	Locate track sections #26 and #27, pin to the track at the rear of the trailer.	✓
6.	Install jack stand #26 under the track. NOTE: Use a 1/2" brace pin in the center of the jack stand to hold the jack stand in position under the track until the next piece of track is installed. WARNING: REMOVE ALL THESE 1/2" PINS BEFORE OPERATING RIDE.	✓
7.	Install track section #26 to #25, pinning the end #26 to the same #26 on the section just installed.	✓
8.	Put in Two 5/8" track pins and wedges into the two ears on the track.	✓
9.	Install the wedges into the track pin slot so that the narrow end goes through the notch in the jack stand support plate and install an R-Key from the outside edge of the track towards the center of the track for each pin	✓
10.	Tighten snugly with hammer. DO NOT OVERTIGHTEN.	✓
11.	Place two of the sand plates underneath each screw adjuster on the jack stand.	✓
12.	Continue assembling track and jack stands in reverse order. Install diagonal braces as you go. Stop when you reach track #18.	✓
13.	Start at the front end of the trailer with track section #1- #2. Pin it to the end of the section which is welded at the front end of the trailer.	✓
14.	Place jack stand #2 underneath the end of the track numbered #2 and installs a 1/2" pin to hold the jack stand.	✓



MIDAMERICA
Setup Check List
 Wisdom Orient Express #1
 833388

	PROCEDURE	OK
15.	Continue assembling the track. Pin each track section and installing diagonal braces as you go. NOTE: Place a sand plate under each screw adjuster as you go.	✓
16.	After assembling the spiral. Install the spider in the spiral.	✓
17.	Pin the spider braces to the bottom of the jack stands.	✓
18.	Hook the other end of the brace to the spider center. Leave the turnbuckle loose.	✓
19.	Adjust the spider up and down until the rods are close to level.	✓
20.	Install the diagonal braces from the spiral jack stands to the trailer frame. NOTE: It is easiest to install these braces before making the final connection at the jack stand #18.	✓
21.	Finish assembling track, snug up the spider diagonal braces and tighten the jam nuts on the spider turnbuckles.	✓
22.	Check all jack stands, track pins, diagonal braces for tightness and installation of all pins.	✓
23.	Adjust each jack stand up and down until the seam on the track joint is even.	✓
24.	After all jack stands have been adjusted. Tighten the lock nuts on the jack stand screw adjusters.	✓
25.	Set up the fence around the ride. NOTE: allow a minimum of 3 feet between the side of the track and the fence.	✓
26.	Unpin and lower the train down into the station. DANGER: DO NOT ALLOW ANYONE TO STAND ON THE TRACK BEHIND THE TRAIN.	✓
27.	Install the kicker motors under the track curved sections. Use two 5/8" slotted pins & wedges at the rear of the kicker motor and a single "L" pin at the front where the 2 spring adjusters are.	✓
28.	"R" Key all pins and wedges.	✓
29.	Pull out the cables for the kicker motors from near the operators stand and plug into each kicker motor.	✓
30.	Install the bally cloth around the trailer.	✓
31.	Move the steps to the front of the ride. Hook the steps onto the trailer.	✓
32.	Adjust steps so there is no more than 8" between the ground and the first tread. Install both hand rails on each step. Check that the steps are secure and do not wobble.	✓



MIDAMERICA
Setup Check List
 Wisdom Orient Express #1
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	PROCEDURE	OK
33.	Use two 1/2 X 2" grade 5 bolts and nuts; connect the center pipe on the track spiral and down ramps flanges. Note: You may need to use a drift pin or adjust the screw jacks up or down to align the center pipe on the spiral and down ramp flanges together.	✓
34.	Stand up the top scenery. Raise one section at a time and install the diagonal braces. "R" key both ends of the scenery braces as they are installed.	✓
35.	Swing around the 2 quartz lights, mounted on each end of the canopy. Pin in position so they shine back on the plastic scenery front.	✓
36.	Connect the main power to the ride.	✓
37.	Check the motor operations for proper rotation. NOTE: If the trailer motors operate in the proper direction and the kicker motor is in the opposite direction, then switch 2 of your main input leads, which will reverse your kicker motors. If all motors run backwards switch two wires on main lead.	✓
38.	Turn on the air compressor. Check for proper pressure. (110 lbs. maximum, 90 lbs. Minimum).	✓
39.	Check the handlebars for proper operation for locking and unlocking.	✓
40.	Check that the track is clear of any cables and pins. WARNING: Be sure to remove all 1/2" pins used to hold the jack stand assembly from the center of each jack stand before operating the ride.	✓
41.	Check that all wedges are tight and in the notch on the jack stand plate and have "R" Keys installed.	✓
42.	Check that all diagonal braces are installed.	✓
43.	Run the ride several times. Check the brake for proper operation.	✓
44.	Check the adjustment of the jack stands and joints.	✓
45.	Check tightness of pins and wedges. NOTE: do not over tighten wedges.	✓
46.	Check adjustment of the wheels under the cars.	✓
47.	Remove all the racks from the trailer and make sure there is nothing that can be a trip hazard. Never allow anyone in the center of the ride while the ride is operating.	✓
48.	Check car frames for cracks	✓

Check sheet completed by Willem Kotze _____
 Print Name



MIDAMERICA
Setup Check List
 Majestic Scooter
 1M9LM3059vW276232

Date: 6/1/22 - 6/5/22

Location: Blenheim MI

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Pull ride on location, choose a site as level as possible.	✓
3.	Before removing tractor, open air valve on rear of trailer and wait until all air is exhausted from air bags.	✓
4.	Removing Tractor: IMPORTANT: raise front hydraulic jacks until weight is 95% off tractor springs. Pin mechanical jacks so all weight is on mechanical jacks.	✓
5.	Place level on trailer gooseneck and rear trailer frame. Ride can be leveled in an even plane, set mechanical jacks to correspond with level. Note: Depending on the ground clearance use adequate blocking for trailer and purling.	✓
6.	Installing purling: remove all under purling from deck and install their number positions on side of trailer. Make sure they are square with side of trailer. Level #1 purling and #5 Purling on both side A and side B, then draw a line string from #1 and #5 purling and bring #2, #3 and #4 purlings up to string. Block all purling with adequate blocking in noted locations.	✓
7.	Lowering decks: Remove 1" "T" safety bolts from each end of deck that has the winch connected to it. With one person on each end of deck, pull deck out, while winch cable is being run out. Lower deck completely. Wind up cables, attach to other deck, repeat procedures. WARNING: Never stand between purling while operating decks.	✓
8.	After both decks are down, wind up cables and disconnect toggle switch.	✓
9.	NOTE: The TM 1800 model, removable bumper rail can be bolted to deck at this time. NOTE: All Majestic Scooters are labeled facing the ride in front Side A- left side, side B- right side.	✓
10.	Setting light post: Remove from racked position 3" light post for both sides A & B, starting from the gooseneck in numerical order. Note: Posts on TM1400 #2,4,6 are pinned at base and on TM1800 #3,5,7 are pinned at base for safety. Removable sockets are needed for post A-1-B-1 / A-9-B-9.	✓
11.	Remove racking from rafters, catwalk, fence, making sure all J bolts, washers, wing nuts accompany racking.	✓



MIDAMERICA
Setup Check List
 Majestic Scooter
 1M9LM3059vW276232

	PROCEDURE	OK
12.	Installing Fence. Install all fence between posts.	✓
13.	Installing Rafters: Starting with the center rafter install in center of ride. Then install smaller rafters on each side of center rafter.	✓
14.	Installing catwalk: Starting with long catwalks A-1/A-2 on A side set in place at front of ride, next A-7/A-8 on A side set in place at rear of ride. Follow up with short catwalks A-3/A-4/A-5/A-6. Repeat process on B side. NOTE: make sure canvas rod is facing to outside of ride.	✓
15.	Remove safety bar and drive out lock pins. Clear immediate area in front of gooseneck for safety. Slowly activate gooseneck valve to down position to lower and level gooseneck. Use adequate blocking. Unbolt and attach ramps to gooseneck. Set in place and pin porch ramp fence.	✓
16.	Lowering screens: Once all catwalks are in place the screens can be lowered. Remove racking bolts while holding onto the screens. Slowly lower the first panel to the rafters. Push it out slightly and let the next screen panel roll out. Follow this procedure on all screen panels. Remove screen racks at front and back of ride. NOTE: NEVER walk on any screen panel.	✓
17.	Scenery: Insert scenery panels into edge of catwalk starting at front with A-1 or B-1. Proceed in numerical order. NOTE: Be extremely careful in high winds while handling scenery.	✓
18.	Setting canvas: NOTE: Safety key all pins on catwalk before raising canvas. Remove canvas from canvas bag carefully. Unroll canvas down center of ride. Unfold canvas across entire screen assembly, using the canvas corner pipe to attach the 4 corners of the catwalk. After all 4 corners are attached, hook all clips to canvas rod. Set center poles down through canvas into rafter sockets and attach block and tackle to chain. It is recommended to have a helper inside canvas to place center pole securely in holder. Once both poles are in place pull all up evenly and secure. Place all quarter poles, noting that only the extreme corner quarter poles are shorter than the rest. NOTE: Be extremely careful in high winds handling canvas.	✓
19.	Unpacking cars: Unrack cars from center of trailer. NOTE: Very important, when installing stinger poles into bumper cars never try to raise screens near catwalks A-1, A-7, B-1, B-7. This will tear canvas.	✓
20.	Visual inspections after erection of ride is procedure for stable blocking, safety keys in all pins, pole pads, seat belts, etc. is recommended.	✓
21.	Connect ride lead line to main power source.	✓

Check sheet completed by Gregorio Dejanio Mendoza
 Print Name

Location: Birmingham

Date: 05/31/22

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	WHEN SETTING UP OR TEARING DOWN THE RIDE, NEVER ALLOW BYSTANDERS AND/OR OTHER WORKERS IN THE AREA. ALWAYS KNOW THE WHEREABOUTS OF ALL WORKERS DURING THE ENTIRE SET UP OR TEAR DOWN PROCEDURE.	✓
2.	Level trailer using all 4 landing gears. Raise the trailer slightly at the back when leveling so that when the air is released from the trailer rear axle air bags the full weight will be carried by the landing gear.	✓
3.	Remove doors from possum belly.	✓
4.	Starting at the rear of the trailer, take the first outrigger from the drivers side possum belly and pin it to the ears numbered 5 on the trailer and pin into place.	✓
5.	Locate the #5-#6 diagonal brace that goes from ear 5 to ear 6 on the outrigger and pin into place repeat this procedure until all of the outriggers are pinned into location. Be sure to r-key all pins.	✓
6.	Place a sand plate underneath each screw jack leg. NOTE: There is a square tube welded on the side of each outrigger tube to be used as level points. place a level flat on top of these and adjust the screw jacks until they are level.	✓
7.	Disconnect the chain binder and chain at the center bottom of the front wing that holds the wing against the trailer during travel. Remove the front and rear wing travel pins from the front wing.	✓
8.	Plug in the 110 v power supply to the front hydraulic auxiliary set up pump.	✓
9.	Plug in the control pendant at the ride front of the operators booth.	✓
10.	Using the control pendant, turn on the switch to turn on the pump.	✓
11.	Use the control buttons to lower the front wing. NOTE: as you move the wing have someone watch inside to make sure there are no braces, seats or tie straps that are going to hang up as the wing is lowered.	✓
12.	Lower the wing until it is flat on the outrigger braces.	✓
13.	After the wing is down, install the short jack stands at the outside corners of the wings to reduce vibration.	✓
14.	Assemble the outrigger braces at the rear of the ride in a similar procedure as performed on the front outriggers. Each outrigger brace leg must be pinned to the outrigger and r-keyed.	✓
15.	Put a sand plate under each outrigger leg.	✓

	PROCEDURE	OK
16.	Install the upper track support spreaders.	✓
17.	Install the lower intermediate spreader braces.	✓
18.	Pin removable jack stands to track support spreaders.	✓
19.	Level rear outriggers as in note in step #6.	✓
20.	Remove the 2 chain binders and chains from the rear wing.	✓
21.	Attach the winch to the center back spreader on the outrigger.	✓
22.	Run the cable to the D ring under the end of the platform wing.	✓
23.	Pull out on the outside rear platform with the winch until it is pulled away from the trailer.	✓
24.	Using the hydraulic power supply, lower the rear wing.	✓
25.	As it comes down, continue to pull with the winch until the wing will roll on its own on the outrigger. NOTE: this is approximately half way out on the outrigger.	✓
26.	After it is rolling out on its own, remove the hand winch and disconnect the cable.	✓
27.	Continue to lower the rear wing until it is down on the outrigger.	✓
28.	Swing out the brace arm from the side of the trailer to support the operators platform until the rear platform is lowered.	✓
29.	Unpin and lower the operators platform.	✓
30.	After the rear main platform is lowered, slide the operators platform toward the rear and pin to the main platform.	✓
31.	Swing down the rear platform support legs and brace with a diagonal brace.	✓
32.	Put a sand plate underneath each rear platform support leg.	✓
33.	Use the platform legs and adjust until the top of the wing looks flat.	✓
34.	Check that all adjustments on all screw jacks are equally snug.	✓
35.	OPENING THE CANOPY: remove all travel straps and ropes holding the scenery bundles together.	✓

	PROCEDURE	OK
36.	Start with the back of the ride first. Unpin the inside section of the rear canopy. NOTE: This is the section that is closest to the main canopy frame.	✓
37.	Swing this section out until it is square with the trailer..	✓
38.	Install 2 diagonal braces, one for each end, to lock out the canopy. WARNING: IT IS IMPORTANT TO FOLD OUT THE INSIDE SECTION FIRST, NOT THE END SECTION, AS THIS PUTS ADDITIONAL STRAINS ON THE CANOPY HINGE SYSTEM.	✓
39.	Unpin the second section, which is the middle section of the rear canopy framework, and fold this out.	✓
40.	Install 2 diagonal braces after it is straight out.	✓
41.	Fold out the third and farthest rear canopy section.	✓
42.	Install the 2 diagonal braces. NOTE: These braces are shorter than the ones for the other 2 sections and have a rod welded to the bottom to hang the rear canvas.	✓
43.	Install 2 short canvas rear wall braces.	✓
44.	On the front of the canopy, stand up the 2 top corner scenery panels and pin into place.	✓
45.	Stand up the sign and pin into place.	✓
46.	Install the oval center medallion and pin into place.	✓
47.	Plug in cord for lights on center medallion.	✓
48.	Provide power to the canopy hydraulic system. The plug is to open the canopy above the ride front of the operators booth. The control pendant is located on top of the canopy main section in center.	✓
49.	Turn on the hydraulic pump and push the button to open inside canopy section which is next to the main center frame. WARNING: CAREFULLY OPEN THIS SCENERY SECTION WATCHING FOR CABLES OR WIRES THAT MAY HANG UP. THIS SECTION SHOULD OPEN SLOWLY. WARNING: IT IS IMPORTANT TO OPEN THE SECTION NEXT TO THE MAIN CENTER FRAMEWORK FIRST TO PREVENT OVER STRESSING THE HINGE SYSTEM.	✓
50.	Once you know there is nothing in the way to hang up, push the button until the canopy section is completely open. NOTE: Joggling or tapping the button during moving the canopy causes the canopy to shake violently. Avoid this as much as possible.	✓
51.	Once the first section is out, install the canopy diagonal braces, one on each end to lock this canopy section square.	✓
52.	Repeat the procedure for the middle front section.	✓

	PROCEDURE	OK
53.	Install the 2 canopy braces.	✓
54.	Open up the last section which has all the scenery attached to it until it is straight out.	✓
55.	Install the diagonal braces for the last section.	✓
56.	Once the canopy is completely opened, install the 2 corner scenery panels and pin into place.	✓
57.	Plug in light cord.	✓
58.	Install the ceiling scenery panels. The end of the underneath scenery section slides sideways on 2 pins and then pins to the side of the permanent scenery panel.	✓
59.	Plug in the light cord.	✓
60.	Repeat this procedure for the second ceiling scenery panel.	✓
61.	Install the C rods braces from the ceiling panel to the canopy framework. NOTE: These are the short bent red braces.	✓
62.	Install the quartz lights on the back of the ceiling canopy framework.	✓
63.	Plug in quartz lights.	✓
64.	Install the canvas on the canopy.	✓
65.	Hook the front of the canvas to the pins that are welded behind the scenery and stretch to the rear of the ride.	✓
66.	Once the canvas is pulled to the rear, slide each strap into a ratchet assembly. NOTE: Leave the canvas loose.	✓
67.	Lace up the canvas sections	✓
68.	On top of the main canopy framework there are 3 jack legs. Each one has plastic rollers on the end. Swing them over center.	✓
69.	Tighten ratchet straps at rear of canopy.	✓
70.	Tighten canvas side straps.	✓
71.	Hang the 2 electric hoists, one on each end of the aluminum I beam. Plug into the spring reel cords located at the center of the ride.	✓
72.	Unpin each end of the aluminum I beam so it can swing freely.	✓

	PROCEDURE	OK
73.	Raise the canopy until it stops. Use the control pendant next to the operators booth.	✓
74.	Move the seats from their racks to the edge of the platform.	✓
75.	Starting with 2 cars, on opposite corners of the ride, unpin the cars from the wing.	✓
76.	Pick up the cars using the lifting bar provided and move them to the outside edge of the platform.	✓
77.	Repeat this procedure for each car until all of the cars have been lifted out of the rack and moved to the outside edge of the platform.	✓
78.	Remove the seat racks where they are hooked to the floor.	✓
79.	Unpin the pop up ears for the end cars. NOTE: There are 6 sets of pop up ears that can be unpinned and swung down out of the way. If they are left up the cars will hit them when the ride is running and danger to the ride will occur.	✓
80.	Unpin the scenery racks.	✓
81.	Pick up one scenery rack with the hoist until it can be placed on the ground.	✓
82.	Move the removable track section out of the way for installing the sweeps. Remove the sweeps one at a time from the possum belly and pin to the drive center.	✓
83.	When installing a master sweep, pin the master sweep and master sweep diagonal brace to the center prior to pinning the sweeps on each side of the master sweep. Pin the other end of the diagonal braces to the master sweep.	✓
84.	Connect the airline from the sweep to the center and check to be sure there is a R-clip in each of the pins at the center, master sweep diagonal brace rod ends at the center and on the sweep.	✓
85.	After all but the last two of the sweeps on each end of the trailer are installed, install the revolvable track section. Slip the removable track section into position. Bolt the removable track section into position with grade 5 bolts and lock nuts. Repeat for track section on the other end. Tighten all bolts	✓
86.	Pin the last two sweeps on each end into position.	✓
87.	Install the round center canvas.	✓

	PROCEDURE	OK
88.	Install the cars onto the sweeps. Starting at opposite sides of the ride, pick up one car with each hoist. Slip it over the sweep to where the saddle under the car rests. Make sure both seat bearing blocks go down on to the sweeps. Make sure that the inside seat bearing bolt is to the outside of the lock collar fastened on the sweep. Repeat procedure until all cars are installed. Connect the air lines in each car.	✓
89.	Ensure the handled on pins are horizontal and pushed into retaining clips. That each pin is installed with a r-clip. Do not use the pins that are used for racking the cars.	✓
90.	After all the cars are installed, install the center canvas.	✓
91.	The sweep lights are racked under the sweeps. Install them on top of the canvas. Pin the sweep light bar electrical to the center electrical plug. Stop and do not install the last one or two light bars on each side. They are to be installed after the center scenery is hung.	✓
92.	Lower the canopy. Swing the I-beams so that it is parallel with the trailer and pin each end to the traveling brackets. Remove the two electric hoists and place in the possum belly.	✓
93.	Install the light bar support hook braces on the canopy frame. Remove the light bars from the rack over the top of the I-Beam. Hook one end of the light bar to the end of the truss just back from the ceiling scenery. Hook the middle of the light bar over the rack that was just installed and pin the end of the light bar with a R-clip in a hole in the aluminum I-beam. Plug in light bar. Repeat procedure until all of the light bars are installed.	✓
94.	Install the short canvas diagonals hanging braces. Start the canvas at the edge of the small triangle platform next to operator's booth. Hang the section starting at the rear canopy post. When the section is finished overlap the end of the middle section about 1". These should be the same amount of overlap, attach seam.	✓
95.	Raise canopy until it is all the way up and pin in place using the 4 pins provided.	✓
96.	Install 2 reach canopy braces from the rear canopy frame to the platform. Install the two canopy corner diagonal braces. Hook the end of the braces at the front of the ride and swing the back until they can be pinned into position on the posts.	✓
97.	Lace up the lower 6 feet of each back wall canvas seam.	✓
98.	Tie the ends of the back wall canvas to the rear canopy post and to the jack stand at the front of the trailer. Tie down the canvas back wall to the jackstands. NOTE: use a cable or rope to pull down the canvas and tie to the platform jackstands.	✓
99.	Install the tunnel scenery. Remove the center scenery section from one rack and hook it in the slots on the back side of the I-Beam. Continue procedure until all of the scenery panels are install across the tunnel. Be sure to pin sections together as you go. Plug in lights on the end nearest the booth. Plug in the scenery lights on the back section.	✓
100.	Install the 4 center tunnel scenery diagonal braces.	✓

	PROCEDURE	OK
101.	Hook the upper end of the tunnel diagonal brace to the bracket on the bottom of the canopy frame and swing it over until you can pin to the back of the scenery panel. NOTE: there are 4 braces Be sure to pin and R-clip after they are installed.	✓
102.	Install the 4 platform sections, 2 front and 2 rear, where they cross over the trailer.	✓
103.	Move the scenery racks to the back of the ride under the platform out of the way.	✓
104.	Finish installing the last sweep light bars and plug in.	✓
105.	Install all of the fence posts. Use a wedge under the platform to lock into place.	✓
106.	Install the fence starting with the two gates at each corner of the front platform. Install the fence sections until the fence is completely around the ride.	✓
107.	Hook the lower scenery panels to the front of the platform. Hook the two front platforms to the platform in front of the gates.	✓
108.	Install the canvas around the gooseneck of the trailer.	✓
109.	Install the car to sweep bearing blocks under the sweeps. Two blocks and two pins are required for each car. Be sure to R-clip the pins after they are installed.	✓
110.	Test Run the ride.	✓

Check sheet completed by Renzo Jimenez Print Name



NORTH AMERICAN MIDWAY
ENTERTAINMENT

Setup Check List
Wisdom StarShip 3000
861818

Location: Village Fair - Birmingham, AL

Date: 6/2/22 - 6/5/22

Instructions - Check (✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personal injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Locate ride and level trailer.	✓
3.	Unfold the front and rear panels on the trailer.	✓
4.	Remove the platform support blocks from the front and rear between platform and trailer. Use hydraulic jack to raise platform.	✓
5.	Connect V-Belts to set up motor. (This is the small motor on the passenger side of the trailer).	✓
6.	Remove pins in top traveling braces, and set up top display sign. Place support braces and pin into place.	✓
7.	Place trailer center stands under trailer. One on the rear of trailer frame spreader near main bearing. Two go on each side of trailer frame near the spreader ahead of the main bearing.	✓
8.	Swing out the outriggers and pin on braces. Place braces with turnbuckle on the side of each outrigger with the low ears.	✓
9.	Put tires on outrigger spindles and tighten lug nuts.	✓
10.	Place one stand under each outrigger near end.	✓
11.	110 Volt power is all that is necessary for setting up. This power is used to operate the hydraulic pump for the platform sides and for the small rotation motor used to rotate the platform while setting up the ride panels.	✓
12.	The set up motor is controlled by the man that stands on the platform behind the ride while it is set up. The circuit breaker for the motor is in the large main electrical box.	✓
13.	The motor is able to go forward and backward with its control. Be sure the motor has stopped rotating before reversing the switch or it may keep going the same way that it is rotating.	✓
14.	Unpin traveling turnbuckles from sides.	✓

Setup Check List
Wisdom StarShip 3000
861818

	PROCEDURE	OK
15.	Switch on hydraulic pump and lower the decking opposite the sign and secure the two platform bolts under the deck. The circuit breaker in the center console on the bottom right turns on the hydraulic pump. The control handle protrudes through the step going into the center console.	✓
16.	After lowering sides of the platforms, the optional top sign that says GRAVITRON may be installed. Install the RON first. Then install the VTT. The end section of the GRA is placed last.	✓
17.	The sign sections are pinned to the bottom of the display sign first then tipped up into place. The sliding locks, lock the top sections into place. Plug in all sections.	✓
18.	Tighten the four platform bolts under the deck.	✓
19.	Set up steps for easy access onto the platform.	✓
20.	Remove aluminum beam and set up one end on the center and the other at the rear of the trailer. Screw up center until beam is level.	✓
21.	Working from the rear erection platform, move all loose sweep trusses clear of the panels.	✓
22.	Disconnect the left hand sweep which is pinned to the panel opposite the door panel and slide it just past the center of the panels. Insert pin and wedge in hole provided.	✓
23.	Remove center couch from the first panel in the stack.	✓
24.	Using the chain block, raise the first panel clear of the floor traveling pins and using the switch adjacent to the erection platform, rotate platform counter clockwise until the panel moves away from the stack.	✓
25.	Turn the ride almost one half turn. Slide the first panel back so that it meets up with the door panel.	✓
26.	Loosely attach floor wedges, position top truss, and pin and wedge. Tighten wedges and put in safety keys.	✓
27.	Turn platform clockwise until the second panel of the stack is under the chain block.	✓
28.	Repeat this operation until number#7 panel is ready to go into position.	✓
29.	Turn the ride until the panel is centered in the opening.	✓
30.	Fold back platform that is on the rear of the trailer.	✓
31.	Raise the bottom of the panel and tip sideways. Push out until clear of other panels. Let the panel back down and place on pins on the floor. Raise the panel so it can be pinned to the sweeps.	✓



Setup Check List
Wisdom StarShip 3000
861818

	PROCEDURE	OK
32.	Raise the panel until it is in position. Swing last truss into position and secure with pins and wedges.	✓
33.	As one side of the Gravitron is now assembled, revolve the platform so that the second set of stacked panels are under the aluminum beam.	✓
34.	Proceed as with step #10 to complete the second half of the ride.	✓
35.	Pin and wedge the center of the panels. THERE ARE 16 PINS AND WEDGES THAT CONNECT THE CENTER OF THE PANELS BEHIND THE COUCHES.	✓
36.	The center fences can now be set into place and pinned together with ¼ inch bolts through the connecting tubes.	✓
37.	Position vinyl top on the center of the ride and proceed to roll out the top, making sure that the two turnbuckles are over the panel with the slot, which is directly opposite the door.	✓
38.	Hook up the turnbuckles and tension cable.	✓
39.	When the top is secured, wind up the center with the wheel provided in the ceiling of the center console. CAUTION: DO NOT OVERTIGHTEN TOP. THIS CAN PUSH OUT CANVAS CENTER.	✓
40.	Open the door and revolve platform so that the door opening is to the front of the trailer.	✓
41.	Start from one end and lift three couches forward on one support frame. The left and right couches have hooks the support frame sets onto. This holds the couches in an upright position.	✓
42.	Continue with this procedure until all couches have been secured.	✓
43.	Unpin each tumble board and pin to the seat support truss. Two holes have been drilled into each tumble board behind the plywood and also through the seat support truss to pin the board so that it is held out at the same angle as the seats. Push the pins all the way through both tubes and safety Key. Both safety Keys will be needed to hold the board back when tearing down.	✓
44.	Check and tighten all wedges, pins, etc. throughout the ride.	✓
45.	Install and pin door side panels.	✓
46.	Set up skirting panels under the turntable. Be sure that they are 1 to 2 inches from the edge of the turn table.	✓
47.	Set up the perimeter fences and quartz light stands.	✓



Setup Check List
Wisdom StarShip 3000
861818

	PROCEDURE	OK
48.	After the ride has been completely assembled, a check must be made by the supervisor to ensure all equipment has been correctly secured.	✓
49.	A number of test runs without passengers must then be made to ensure the ride is safe and secure for passengers.	✓
50.	Check that inside curved fence is keyed under floor.	✓
51.	Check grid sign hinges and pins. Make sure pins are keyed	✓
52.	Check that top sign brackets are pinned and keyed.	✓
53.	Check that top sign hooks are pulled down and fully engaged. Check that top sign is plugged in.	✓
54.	Check that drive belts are hooked up and adjusted. Check for wear.	✓
55.	Check that trailer stands are tight.	✓
56.	Check that 4 wing safety bolts are installed. Daily make sure they are tight and keyed under the main turn table.	✓
57.	Check hinge bolts for movement. If any of the hinge bolts can be turned, than hinge bolt must be removed and the hinge bore and bolt must be inspected for wear.	✓
58.	Check that tire pressure is 35 psi	✓

Check sheet completed by Peter Tollip _____
Print Name



Setup Check List
 Chance Pharaoh's Fury
 407-03997

Date: 05/31/2022

Location: Birmingham

	Instructions - Check(✓) or X each item completed.	OK
1.	<p>PROCEDURE</p> <p>Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personal injury. Also, always know the whereabouts of all workers during set up or tear down procedure.</p>	✓
2.	<p>Refer to operating dimensions on the ride information plaque. Locate the ride trailer in position.</p>	✓
3.	<p>IMPORTANT: There must be at least 14 inches from the bottom rail of trailer to the highest level of ground. Level the trailer accordingly.</p>	✓
4.	<p>Before beginning ride setup. Electrical power must be connected as follows:</p> <ol style="list-style-type: none"> 1. Check the two main circuit breakers located in the main electrical control boxes. Make sure these breakers are in the "OFF" position 2. Check to make sure ride is grounded per local code 3. Connect main power supply cables to the ride. 4. Make sure all switches on the operators control console are in the "OFF" position. 5. With the doors for the main electrical boxes closed and latched, turn the two main circuit breakers "ON" 6. Turn the hydraulic system pump switch on. This switch is located on the curbside of the trailer next to the hydraulic system. 7. Check the shut off valves for the leveling jacks and tower spread cylinders. These shut off valves should be closed except when operating those cylinders. 8. Check the shut off valves for the tower erection cylinders. When operating these cylinders, and at all times during ride operation, these shut off valves should be open. 9. Use the hand control box to extend or retract the cylinders or winch. 	✓
5.	<p>Before leveling the trailer, remove the racking braces and steps from both sides of the ride and raise the upper platforms. Support each platform with at least 2 jack stands.</p>	✓
6.	<p>Place blocking under each hydraulic jack and screw jack points, making sure to use proper blocking techniques.</p>	✓
7.	<p>Connect the hand control box to the "Jacks" receptacle. Using the hydraulic leveling jacks, raise the front of the trailer high enough to remove the tractor or use the manual landing gear jacks.</p>	✓
8.	<p>Use the hydraulic leveling jacks to level the trailer from side to side, using a bubble level</p>	✓
9.	<p>Lower front screw jacks onto blocking. Tighten the jack nuts by hand. The screw jacks are held in the roading position by a pin and hairpin. Remove the pins to lower the jacks.</p>	✓



Setup Check List
 Chance Pharaoh's Fury
 407-03997

	PROCEDURE	OK
10.	Use the rear hydraulic leveling jacks to level the trailer end to end, using a bubble level along the main trailer stringers. Also check the rear of the trailer for level side to side at the rear bumper.	✓
11.	Lower the rear screw jacks onto blocking and tighten jack nuts by hand.	✓
12.	When the screw jacks have all been tightened, check the trailer again for proper leveling.	✓
13.	Retract the front and rear hydraulic jacks completely. IMPORTANT: the hydraulic leveling jacks are for leveling only and cannot be expected to maintain their position during operation of the ride. Be sure all four screw jacks are on solid blocking and the jack nuts are tightened. RETRACT THE HYDRAULIC JACKS AND CLOSE THE SHUT OFF VALVES SO THE ENTIRE WEIGHT OF THE RIDE IS ON THE SCREW JACKS.	✓
14.	Remove the jack pads and blocking from under the front hydraulic leveling jacks. These will be used under the front stub towers.	✓
15.	Fully retract the roading jacks from under the rear tower supports.	✓
16.	Loosen the turnbuckles which secure the tower leg extension to the rear tower legs. NOTE: The tower leg extensions have nylon alignment blocks which mate with blocks on the tower legs. During tear-down and racking, be sure these blocks are properly located before tightening turnbuckles.	✓
17.	Swing out the rear tower supports approximately 45 degrees from trailer. This position places the tower support under the tower head so it can be used as a work platform in a later step.	✓
18.	Remove ladders from their racked position on top of the ride and remove the turnbuckles which secure the sweeps to the towers.	✓
19.	Remove the pins which secure the rear towers in their roading saddles on the front stub towers. Tighten the turnbuckles to raise the towers until they clear the saddle.	✓
20.	Check that the roading jacks for the front stub towers are carrying weight.	✓
21.	Attach a chain hoist between the knuckle brace and the trailer.	✓
22.	Swing out the stub tower while drawing the knuckle brace forward with the chain hoist. When the brace is fully extended, secure the joints with pins and hairpins. Repeat the process for the other side of the ride.	✓
23.	Using proper blocking techniques, place blocking under each stub tower.	✓



Setup Check List
Chance Pharaoh's Fury
407-03997

	PROCEDURE	OK
24.	Install four cap screws, hardened washers and locknuts in each front stub tower pivot joint. Tighten to 400 to 490 ft.-lbs. Brackets are provided on the stub tower to help support the torque wrench extension bar. Place the extension bar into the brackets and install the pin and hairpin. NOTE: these are 1/8x 3 1/2" long, ASTM A325 cap screws, with ASTM A325 nuts and hardened washers. Replace capscrews and nuts after every operating season or if they are over- torque during installation or removal.	✓
25.	Lower the stub tower screw jacks onto blocking and tighten the jack nuts by hand.	✓
26.	Install six cap screws, hardened washers and locknuts in each of the four tower head-to-leg joints. Tighten to 400 - 490 ft.-lbs. . NOTE: these are 1/8x 3 1/2" long, ASTM A325 cap screws, with ASTM A325 nuts and hardened washers. Replace capscrews and nuts after every operating season or if they are over- torque during installation or removal.	✓
27.	Swing the rear tower supports out to their fully extended position.	✓
28.	Install six capscrews, hardened washers, and locknuts in each rear tower support joint. Tighten to 165-200 ft.-lbs. NOTE: These are 3/4-10 x 2-3/4" long. ASTM A325 capscrews with ASTM A325 nuts and hardened washers. Replace capscrews and nuts after every operating season or if they are over- torque during installation or removal.	✓
29.	Install the jacks under the rear tower supports. Place two blocks under each jack using proper blocking techniques. Tighten the jack nuts until snug.	✓
30.	If the ride is equipped with triangle signs at the tower head, install them at this time. 1. Remove the pins from the two lower sign mounting arms, swing them up and install the pins and hairpins. 2. Remove the sign from it's racked position. 3. Working with a helper, lower the sign onto the mounting arms. 4. Remove the pins from the upper sign mounting arm. Swing it down over the sign frame. Install the pin and hairpin. 5. Install the electrical jumper between the sign and the tower leg. 6. Repeat the process for the other triangle sign. 7. Remove the sign racking pins from sweeps.	✓
31.	NOTE: The platforms, fences and gates can be set up at this time, except for the rear sections of the upper platforms. Leave these folded until the heads are installed on the vehicle.	✓
32.	Set up the upper platform supports and fold out the platforms on both sides of the ride, install the jackstands under the upper platforms. Check the upper platforms with a bubble level and adjust as required.	✓
33.	Install the operator's platform and jack stands. Use the jack stands to level platform. NOTE: The operator's platform can be installed on either side of ride.	✓



Setup Check List
Chance Pharaoh's Fury
407-03997

	PROCEDURE	OK
34.	Install the operator's control console on the operator's platform. Route the electrical cable through the opening on the platform.	✓
35.	Install the front and rear steps using long pins and hairpins.	✓
36.	Attach the lower platforms to the steps on the front and rear of the ride with pins and hairpins. Use the jackstands to level the platforms.	✓
37.	Attach the ramps to the lower platforms.	✓
38.	Install all fences and gates. Make sure the entrance and exit gates are correctly installed and in good working order. NOTE: Install pins and hairpins in all fence locations where holes are provided.	✓
39.	Install chains and queue lines.	✓
40.	NOTE: If the ride is equipped with floodlights on the towers, plug in the electrical jumpers before raising the tower legs. During teardown, unplug the floodlights after the towers are lowered.	✓
41.	Remove the tower feet from their racks.	✓
42.	Pivot the tower leg extensions down. Attach a rope to the upper end of the tower leg extension to help control its movement as it is pivoted into position.	✓
43.	Install the tower feet on the tower leg extensions. Secure with pins and hairpins.	✓
44.	Slide the erection cylinder ball extensions out and secure with the special pins and lynch pins. An air fitting is provided to assist in extending the cylinder ball extension. NOTE: The erection cylinders must be fully retracted. If necessary, relieve hydraulic pressure in the erection cylinders. With the hand control box in the "TOWERS" receptacle, the power "ON", the hydraulic pump "OFF", and the shut-off valve open, push the retract buttons on the hand control box. Push the cylinder up until fully retracted. During tear-down, the pins for the cylinder ball extensions must be removed before the front stub towers are swung into their racked position.	✓
45.	Remove all chains, turnbuckles, and braces which secure the towers to the trailer. Also, remove any loose parts, tools or other items which might interfere with the towers as they are erected. DO NOT REMOVE THE TURNBUCKLES RODS WHICH CONNECT THE REAR TOWERS TO THE FRONT TOWERS, OR THE PINS WHICH SECURE THE SWEEPS TO THE TOWERS.	✓
46.	Connect the hand control box to the "TOWERS" receptacle and turn the pump on.	✓
47.	Open the shut-off valves for the tower erection cylinders 1/4 turn. NOTE: Each tower erection cylinder has a shut-off valve and pressure gauge at its base.	✓



Setup Check List
Chance Pharaoh's Fury
407-03997

	PROCEDURE	OK
48.	Check pressure gauges before raising the towers. Both readings must be the same. CAUTION! Stand clear of tower legs as they are being raised and spread. Do not allow personnel to stand on the trailer deck until the towers are securely connected with capscrews at the attaching plates. Serious personal injury could result.	<input checked="" type="checkbox"/>
49.	Check oil level at oil gauge of drive gearboxes.	<input checked="" type="checkbox"/>

Check sheet completed by Gonzalo Sanchez Ruiz
Print Name



NORTH AMERICAN MIDWAY
ENTERTAINMENT

MIDAMERICA
Setup Check List
Funni Frite Alpine FunHouse
T8189868016

Location: Birmingham

Date: 05/31/22

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Select side that is not within 25 feet of the nearest point of any overhead wires of any voltage or within 25 feet of the nearest edge of any railroad track or active highway or street or other obstruction or structure which could be interpreted as hazardous to the operation of the attraction. Park trailer in near level position on this approved site.	✓
3.	Block the trailer wheels for safety and remove the truck tractor	✓
4.	Remove 4 braces from under the trailer and install them in the hitch and tail wing scenery. Re-install the safety r-keys. Remove all stairs and handrails from the storage compartment under the trailer. Lower the bottom scenery on the wings and on the main trailer body.	✓
5.	Unpin the support jack legs on the fold down come and go floor. Lower the come and go floor. It will automatically stop in the down position. Adjust the support legs to proper height and re-install the safety r-keys in the adjustment pins.	✓
6.	Unpin and remove the handrail from the rolling barrel exit deck. Install this rail in the come and go floor. Unpin the support jack legs on the fold down rolling barrel exit deck. Lower the deck. Adjust the support legs to proper height and re-install the safety r-keys in the adjustment pins.	✓
7.	Unpin and pullout two supports poles under the entry fold sown deck.	✓
8.	Fold down the entry deck	✓
9.	Install all stairs and handrails on the fun house. Re-install the safety r-keys in the stair attachment pins.	✓
10.	Raise the three skyboard scenery panels on the roof of the trailer. Raise the top panels which are hinged to the top of the wing scenery while being careful to not let the lower outboard scenery swing down and cause injury or damage. Brace all panels into place and re-install the safety r-keys in the braces.	✓
	Install the overhead quartz light bars in the four sockets on the back of the skyboard scenery. Install the laughing lady and three pennants on the skyboards.	✓
	Check all breakers. Place them in the off or disconnect position. Connect the power supply cord to your 240 volt single phase power source with a capacity of at least 50 amps.	✓
	Test all emergency lighting, exit signs and the smoke detector. Ensure Sprinkler system is charged.	✓
	Lock all utility doors closed. Lock entry and exit doors in the open position.	✓

Check sheet completed by Stephanie Anne West Print Name



MIDAMERICA
Setup Check List
 Bear Affair
 BEAR16T96

Location: BIRMINGHAM AL.

Date: 6/1/22 -6-5-22

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Position the trailer on a flat area such that when the ride rolls off, it will be in the place you want it. Caution: If you are on a slope, be prepared to block the channel iron track to prevent ride from rolling off track.	✓
2.	Remove center sign from its traveling position and place in the set up pocket in the front of the trailer.	✓
3.	Unload and set up half the ride fencing from one side of the trailer. The fence for the ride front will include the entrance and exit gates and is located on the left side of trailer. You may leave the other fencing on the trailer until needed.	✓
4.	Unload the electrical cart and place it near its operating location, but yet out of the way of setting up the ride.	✓
5.	Unfasten loading straps and lower arm supports. Remove outrigger supports (4) from their traveling position and put where they are out of the way, but within easy reach for installation.	✓
6.	ALWAYS LOAD AND UNLOAD USING THE WINCH. Release tension on the winch. Give cable enough slack so the arms of the ride can pass over. Using hand crank on the center base of the ride, rotate the arms to a position perpendicular to the trailer.	✓
7.	Drop the 2 jackstands, one on either side of the rear of the trailer, but do not crank them down. The trailer will tilt as the ride is rolled back.	✓
8.	Lower the rear ramps. If necessary, put a board under the ends of the ramps to keep them from sinking in the dirt and to serve as a transition from the ramp to the base channels.	✓
9.	Place the 2 pieces of channel iron tracks at the end of ramps. Block them so they are even with each other and with the ramp.	✓
10.	Unbind the load binders that hold the base to the trailer.	✓
11.	With one person manning the winch, push and roll the ride towards the rear of the trailer and down the ramps. As the ride approaches the bottom of ramps, double check to make sure the channel iron tracks are properly positioned.	✓
12.	Roll onto the tracks and into position. Pin setup track. Block the track to prevent the ride from rolling back to the trailer.	✓
13.	Fold the ramps back onto trailer bed. Make sure you don't hit the "Bears" with the ramps.	✓



MIDAMERICA
Setup Check List
 Bear Affair
 BEAR16T96

	PROCEDURE	OK
14.	Attach each of the outriggers in their proper position. Using a pry bar lift the outrigger and support with wooden blocks. Continue around and do the other 3. Check to see that all blocking is tight and that the ride is still in the channel tracks. DO NOT LIFT THE RIDE WITH THE OUTRIGGERS. Only block the outriggers tight.	✓
15.	Unchain the carriage arms and spread them until they hit the metal stop. Using the hinged metal boards, fit them into the channels on the arms with the handle down. Push the board until it is straight and locks into place. Repeat the same process for the other 2 arms.	✓
16.	The 2 center "Bears" will need to be moved to their operational location at the end of the carriage arms: 1. With 2 people, one ahead of the "Bear", remove the 2 lower carriage pins. Set the pins carefully aside to prevent them from getting dirty. Frequent lubrication of the pins lets them slide in and out easier. 2. Gently push the "Bear" down the arm as the person in front stabilizes the "Bear". At the end of the arm it will hit the stop. 3. Slide the 2 carriage pins into their holes. Secure the carriage pins with the R-pins 4. Hook up the electrical cord for the brakes. They are located in the ends of the arms, below the "Bears".	✓
17.	Remove the center sign from the front of the trailer. Put cord through hole in center cover first, then set the sign standard down into the holder. Unpin the center cover and hang on pigtail on standard. Plug sign in. Set cover down and pin in place.	✓
18.	Finish your fence. There are four 3- hole pockets. Position these at 4 corners of the ride. The 3-hole pockets hold the light standards in addition to the fence posts. Put the fence up using two 3-foot panels for the entrance and exit.	✓
19.	Place the light standard in the third pocket of the fence supports.	✓
20.	Bring the electrical cart inside the entrance area. Plug in all jumpers and center base to cart.	✓
21.	Use anti seize on spool/arm pins.	✓
22.	Lubricate carriage pins and barrel locks.	✓

Check sheet completed by Sekino Anne Nostacca
 Print Name



MIDAMERICA
Setup Check List
 Monster Trucks
 90198

Date: 05/31/2022

Location: Birmingham

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	After location selected (35 feet by 30 feet and has a clearance of 14 feet high - disconnect towing vehicle.	✓
2.	Level trailer lengthwise as well as side to side.	✓
3.	Lower the front floor section, swing out the side platforms outriggers. Install a spreader between each out rigger and to the trailer.	✓
4.	Connect a 110 volt extension cord to the electric winch mounted in the center. Disconnect the spreaders between the wings and the back wall. Lower one side wall.	✓
5.	Disconnect the winch cable from the wing. Rewind the cable on the winch drum (keep tension on the cable during rewinding) and connect to the other wing. Lower the other wing. Disconnect the cable and rewind on the winch.	✓
6.	Remove the center braces and store under the ride.	✓
7.	Stand up the top sign sections and pin. Remove the travel brace from the scenery wings. Swing each wing out and pin to the fence.	✓
8.	Install the removable fence sections on the perimeter of the platform. Install the stairs to the platform.	✓
9.	Remove the travel braces from between the trucks. Lower the cars from their upright position. Remove the back travel rack from each truck.	✓
10.	Lower the ride sweep to the floor Move a truck over the sweep Raise the sweep and connect to the bottom of the truck. Make sure the ball lock is in place and safety key. Connect the inside chain to the side of the truck - repeat with each truck.	✓
11.	Install the center canvas.	✓
12.	Install the quartz lights to the fence and plug into the light fixtures under the ride.	✓
13.	Connect ride to power. Check operation controls and run ride.	✓

Check sheet completed by Chriso Van Der Horst
 Print Name



MIDAMERICA
Setup Check List
 Zamperla Rio Grande Train
 RG22F018US94

Date: June 1st - 5th, 2022

Location: Birmingham, MI

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Set up area should be as level as possible. Grade should be no more than five percent	✓
3.	Lay out track, ensure that it is at least 3 feet between track and fence. need to adjust fence on orient side, converted LH	✓ LH
4.	Block track under cross braces so that it is level. Blocking should fully support the cross braces. loose cross braces, needs blocking	✓ LH
5.	Put control panel in area where it can be connected. power power cord tip hazard.	✓
6.	Place train on track - engine first then the other wagons. Make sure that the wheels are on the outside rails.	✓
7.	Connect the wagons.	✓
8.	Plug in all plugs between each car.	✓
9.	Test run ride.	✓

Check sheet completed by Lindsay Howard
 Print Name

fire extinguisher ✓



MIDAMERICA
Setup Check List
 KPS ToonTown FunHouse
 FH1549FT1

Location: Birmingham AL

Date: 6/1/22 - 6/5/22

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Locating trailer on the midway: Center the trailer 7'6" back from the walkway line of its designated space. Drop trailer, block properly and level in both directions using the 4 leveling jacks.	✓
3.	Remove the entrance handrails from the backside of the entrance/ exit ramp platform and set aside. Unpin and lower ent/ exit ramp. Set level on one 2X4 (min). at each corner. Insert deck handrails (3 Each). They are marked as to right, left and center. Center rail is racked in front of plastic block wall inside of the trailer.	✓
4.	Roll out overhead marquee from inside of back hallway. Unlatch marquee and push from center all the way until it hits the provided stop.	✓
5.	Lower front balcony. With use of step ladder, unlatch balcony (2 men reqd.) and lower 90*. Pin handrail at lower back corners using 2 each 5/16" snapper pins. Snap on Bally cloth.	✓
6.	Erecting back tip out. Assume 12 VDC batteries are up and charged. Remove outer vertical brace and swing out the two rear side walls. From inside the trailer back cross hallway engage winch controls and lower back floor (assume winch cable is hooked properly to back floor and cable is riding in V groove guide wheel). Lock floor into side walls. Unhook cable and rewind. From inside rear hallway, hand out tip out floor support jack stand and the 2 adjustable jack stands. Insert pegs into corresponding holes on underside of floor. Adjust this assembly plumb and secure. Fold up rear wall and pin at corners.	✓
7.	Erect upper roof panels of fun house. Before these 5 panels can be raised, the fiberglass marquee must be installed. It is located in the back cross hallway and can be handed up to the roof and hung on the corresponding angle bracket located on the center roof panel. Unpin and raise the end panels first. There are two panels at either end of trailer. They are locked together. 5/16" snapper pins are required. Raise the center roof panel after the fiberglass marquee has been put into place. Secure the center panel with the brace arms numbered 1 and 2. Plug in the Male / Female twist lock pins on the upper chase lights (if required) hand up the 4 overhead quartz fixtures. These are located in the lower storage areas on the passenger side of the trailer. (Use EM505 or EM545 Key). These light brackets (RED) must be installed as per rights and lefts as per the flag shaft on the light brackets. Untie the roof top over the rear tip out. Install and pin the 2 tip out roof supports (interchangeable). Spread the tent top over the tip out and proceed to tie it off around the perimeter with the hooks and snaps provided.	✓

coiled wire? ✓ fixed LH



MIDAMERICA
Setup Check List
KPS ToonTown FunHouse
FH1549FT1

	PROCEDURE	OK
8.	Fold out the end wings. (Either end) front of trailer: Unpin the very most front wing on the nose of the trailer (use ladder) and fold down 180*. Unpin double fold end wings and slowly fold out spreading open all panels and internal support frames. Note that the first panel folded down must be allowed to swing into position between glad hands. Install the 2 short brace arms numbered 1 and 2. This will lock the whole assembly into place. Now that this structure is out and open, slide open the aluminum access panel. Remove the 2 panels that are stored here. The long panel inserts and pins in under the goose neck area at 3 points using hairpin cotter keys. The smaller panel pins in from underneath the front wing using 2 cotter keys. Insert the (3) 9/16 pins provided to lock all these panels together. Close and pin sliding access door w/ R-Key.	✓
9.	Fold out the rear end wings. Unpin and swing out into its double 90* position. Insert the short braces numbered 3 and 4. Snap on lower edge Bally cloth.	✓
10.	Install post and ropes in back room creating path around the nearby 35" TV set. Anchor posts to floor with the provided 1/1-13 hardware T-handle assembly.	✓
11.	Remove covers from both TV sets. Remove cap from color TV camera.	✓
12.	Turn on and engage all systems: 1. With all appropriate circuit breakers OFF. 2. Assume main AC line hot, engage main breaker. 3. Now turn on all appropriate breakers.	✓
13.	From "Sound Room" turn on: 1. Turn on key start/ push GREEN button. 2. Breakers for TV/ Sound console. 3. Power up VCR and insert VCR tape, push play. 4. Turn on amplifier; adjust volume/ right and left. Note- no other sound adjustments are necessary.	✓

Check sheet completed by *Leberre Agnew* *Nov 24 84*

Print Name



Setup Check List
 Zamperla Skater
 GFB24-R03313US

Date: 05/31/22

Location: BIRMINGHAM

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personal injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Ensure that the area for the ride is hard, bearing and flat soil. That there is enough space and clearance for the ride. Once the trailer is positioned lower the front jacks. Ensure blocking is correct.	✓
3.	Disconnect the truck and trailer light connections. Move the tractor from the ride area.	✓
4.	Lower the trailer acting on the tap placed on the rear part of the trailer.	✓
5.	Lower the rear jacks. Ensure blocking is correct. Level Ride.	✓
6.	Connect electrical. Turn the general selector to "ON".	X
7.	Open front legs. Remove the three safety pins and the blocking blade. Lower leg "A" and place it vertically. Ensure blocking is correct. Fix the three tie rods. Position under the supports the rubber mats. Lower the support plates the the ground of the remaining 4 points. Lower all 4 jacks.	✓
8.	Removal of safety tension rods. Remove shear pin and afterwards the pin and accompany slowly the tension rod until it reaches a vertical position. Repeat on all four safety tension rods.	✓
9.	Open Track Rotate with key Start Pump and slowly move the lever. Fix the 2 thrust bearings at the end of the track. Assemble the 2 thrust bearings when the 2 movable parts have reached a height of 1,8m.	✓
10.	Install the three tie rods. Position under the supports the rubber mats. Afterwards lower the support plates to the ground and fasten the 4 bolts.	✓



Setup Check List
Zamperla Skater
GFB24-R03313US

	PROCEDURE	OK
11.	Repeat the above procedures to open the other side.	✓
12.	Trailer Assembly. Check for cracks when the rear part of the track is open in the welds	✓
13.	Trailer Assembly. Check that the track hinge pin is inserted correctly	✓
14.	Test run ride.	✓

Check sheet completed by Rosa Rosa V. Rosa
Print Name



MIDAMERICA
Setup Check List
 ARM AliBaba(1001 Nachts)
 ABB22/04/10/96/USA

Location: Birmingham

Date: 05/31/2022

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.	✓
2.	Position ride on site. Block. Disconnect the towing vehicle.	✓
3.	Connect all electrical power supplies and ensure all connections and wiring are secure and in good condition.	✓
4.	Put down the four hydraulic leveling jacks and level the ride.	✓
5.	Pull out the four side mounted stabilizing outriggers, pin in position and place blocking in to position. Place the four outrigger screw jacks in position and tighten to 35nm(25 ft lbs)	✓
6.	Position blocking below 14-no chassis side member screw jacks and 2-no hinge down scrw jacks positioned at front of trailer. Place all screw jacks in position adjust and tighten.	✓
7.	Deflate air suspension using control lever. Inspect all jacks and blocking	✓
8.	<p>Lowering the floors</p> <p>Ensure that all floor locking pins are secured in position before fitting the folding floor wench pulley assembly and frame to the top of the tower base using the fastenings provide.</p> <p>Attach winch hook to the folding floor using the bracket provided. Remove the folding floor transport stays.</p> <p>Fold down the decorated skirting panel located at the edge of the side folding floor and secure in position.</p> <p>Fold out the bow-strings located under the side folding floor.</p> <p>Slowly lower floor.</p> <p>Using the screw jacks fitted to the decorated skirting panels level the folding floor.</p> <p>When the floor is level, position the additional screw jacks under the floor. DO NOT detach the winch hook until all screw jacks are tightened.</p> <p>When all screw jacks are correctly and securely positioned, remove the winch hook from the floor and rewind the winch.</p> <p>Remove the securing pins from the front section of the folding floor and lower the floor to its final horizontal position. Adjust the screw jacks under the floor ensuring blocking is secure.</p> <p>Repeat on the rear section of the folding floor.</p>	✓



MIDAMERICA
Setup Check List
ARM AliBaba(1001 Nachts)
ABB22/04/10/96/USA

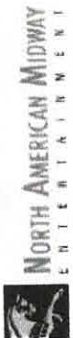
	PROCEDURE	OK
9.	<p>Folding out Counterweight Arm</p> <p>Ensure there are no loose items lying on the counterweight arm. Remove the counterweight arm stowage securing pin from the bracket.</p> <p>Manually unfold the counterweight arm, ensuring the light panel misses the control panel while unfolding.</p> <p>Fit the safety shear pin and R-clip into the side bracket.</p> <p>Fit the counterweight arm securing nuts and bolts.</p> <p>Tighten the counterweight arm securing bolts to 750nm (550 lbs ft) torque.</p> <p>Fold up the hinged lighting panels and pin in position</p> <p>take the loose lighting panes from the front rack and fit to the arm senter and side using the pins and R-clips.</p> <p>Make all electrical connections to the arm lighting.</p> <p>Fit the pillar lights and spot lights around the floor area.</p> <p>Fit guard rails all around, take from front rack.</p> <p>Make all electrical connections to platform lighting.</p>	✓
10.	<p>Positioning the Gondola before elevating Tower</p> <p>NOTE: the pin in the hinged securing bracket which secures the main arm to the tower for transport MUST NOT BE REMOVED until the tower is raised and the GONDOLA BOLTED TO THE MAIN ARM.</p> <p>Attach the extension roller guides to the front of the fixed guides in the chassis.</p> <p>Release the gondola from the front side of the tower by removing the transit nut, and jack the gondola up on the for jacks. Roll the gondola outward on the mobile jack and roller until the gondola contacts the fixed stop on the guides. Lower gondola with jacks until level.</p>	✓
11.	<p>Elevating the Tower</p> <p>NOTE: the pin in the hinged securing bracket which secures the main arm to the tower for transport MUST NOT BE REMOVED until the tower is raised and the GONDOLA BOLTED TO THE MAIN ARM.</p> <p>Before elevating the tower ensure the pusher ram is fully charged with fluid by operating the down lever for 5 seconds.</p> <p>Before elevating the tower ensure there are no loose items lying on the tower. Inspect the counterweight arm and main arm to ensure that all the securing bolts and the safety shear pin are in position and the securing bolts are tightened to the correct torque. Ensure all light panels are properly secured on both the counterweight and the main arm.</p> <p>Elevate tower slowly and progressively without pause using the control lever located on the chassis.</p> <p>When the Tower has attained its true vertical position fit securing bolts at the tower joining in the bolting blocks and tighten to 637nm (450 lbs ft).</p> <p>Before fitting the securing bolts ensure the pusher ram rod inside the tower is fully retracted by checking that the rod is no longer visible.</p>	✓



MIDAMERICA
Setup Check List
ARM AliBaba(1001 Nachts)
ABB22/04/10/96/USA

	PROCEDURE	OK
12.	Attaching the Gondola to the Arm Jack up the gondola until it's tapered bolting blocks are approx. 6mm (1/4") from the mating tapered bolting blocks on the arm mounting plate. Adjust the gondola jacks to align the bolt block holes as necessary. Fit the six M30 bolts and tighten progressively to a torque of 750nm (550 lbs ft.) Connect the electrical connectors between the Arm and the Gondola. Remove the jacks and roller angle extensions and stow safely. At this time remove the main arm safety pin from the hinged bracket. Lower the hinged bracket so that it rests flat against the tower.	✓
13.	Test run ride.	✓

Check sheet completed by Frederik Bozjens
Print Name



MIDAMERICA
Setup Check List
 Traffic Jam FunHouse
 1C902S480W113xxxx

Date: 05/31/22

Location: Birmingham, MI.

Instructions - Check (✓) or X each item completed.

	PROCEDURE	OK
1.	<p>Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.</p>	✓
2.	<p>Before starting to set up the ride, electrical power must be connected as follows:</p> <ol style="list-style-type: none"> 1. Check the main circuit breaker located in the main control box. Make sure it is in the off position. 2. Ground per local code. IMPORTANT: Make sure the small ground wire of the power cable is connected to an adequate ground per local code. 3. Connect the main electrical power supply to the ride. 4. Make sure all switches on the controls are in the "OFF" position. 	✓
3.	<p>Select a suitable location which is as level as possible. The following minimum clearances must be maintained for the funhouse to be fully erected:</p> <ol style="list-style-type: none"> 1. Overall length- 69 feet 2. Front of trailer to end of wing panel- 11 feet. 3. Rear of trailer to end of wing panel-12 feet. 4. Overall height without flags and lights-27 feet 5. Overall height with flags and lights-32 feet. 6. Roadside of trailer to stabilizers & platform-4 feet 6 inches. 7. Roadside scenery to ground- 5 inches below trailer frame. 8. Roadside platform scenery to ground- 61/2 inches below trailer frame. 	✓
4.	<p>Using proper blocking techniques, place blocking under all (4) landing gears, front and rear. Also place blocking at the front and rear of at least one tire. Lower the front landing gears and raise the trailer to unload the tractor. Disconnect (2) air line connections and the ICC electrical cable. Unlatch the tractor fifth wheel from the kingpin. Pull the tractor forward and away from the trailer.</p>	✓
5.	<p>Lower the rear landing gears and level the trailer. Level from curbside to roadside first, then from front to back. If the curbside is high, drain the air suspension using the cable drain located at the center of the roadside tri-axle. This can be used to lower the entire unit using the landing gears.</p>	✓

MIDAMERICA
Setup Check List
Traffic Jam FunHouse
1C902S480W113xxx

	PROCEDURE	OK
6.	Unwind all of the electrical lead cable from in the curbside front service room. Drop the cable through the opening in the floor so that the door will close. Connect to main power source.	✓
7.	Remove the rear scenery wing panel latch bar (Yellow) by removing r-clip, pulling to the side and lifting up on the latch bar to remove it from upper pocket. Store latch bar under curbside of trailer. Unlatch and unfold lower scenery panel as rear scenery wing panel is folded toward the rear. Remove rear scenery wing panel brace (YELLOW) from curbside storage brackets and insert S-hook end into scenery wing panel. Place the other end in the bracket on the trailer rear and R-clip. Use caution and additional help in windy conditions.	✓
8.	Remove front scenery wing panel latch bar (ORANGE) by removing R-clip, pulling to the side and lifting up on the latch bar to remove it from the upper pocket. Store latch bar under curbside of trailer. Unlatch and unfold lower scenery panel as front scenery wing panel is folded towards the front. Do not fully open front panel.	✓
9.	Unlatch and unfold under gooseneck scenery and latch in place.	✓
10.	Fully open the front scenery wing panel. Remove front scenery wing panel brace (ORANGE) from curbside storage brackets and insert S-hook end into scenery wing panel. Place other end in bracket on the trailer front and R-clip. Use caution and additional help in windy conditions.	✓
11.	Unlatch and lower front ladder onto support bars. Make sure to install R-clips.	✓
12.	Open access door on curbside front behind drop and turn on main circuit breaker and hydraulic pump circuit breaker.	✓
13.	Climb the front or rear ladders to the roof.	✓
14.	Remove R-clips and unlatch (4) locks holding main front wall on curbside of roof. Make sure the locks are open before using hydraulics.	✓
15.	All personnel should now exit roof.	✓
16.	Open the hydraulic control access door to the right of the front ladder and turn on the hydraulic pump switch. Use caution while operating the hydraulic controls from the ladder.	✓
17.	In the hydraulic control opening, pull out the valve handle #1 marked "MAIN WALL" to begin raising the main wall. Raise the main wall only part way to about 45 degrees from horizontal. Then shut off the hydraulic pump.	✓
18.	With one person on the ground, open the curbside access door and remove (2) light brackets and flags from storage and hand them up to a person on the roof.	✓



MIDAMERICA
Setup Check List
 Traffic Jam FunHouse
 1C902S480W113xxxx

	PROCEDURE	OK
19.	Install (1) light on the upper front scenery panel. Plug in power cord and install safety pin. Install (1) light on the upper rear scenery panel. Plug in power cord and install safety pin. Remove flags from storage and install in light brackets and safety pin.	✓
20.	All personnel should now exit the roof.	✓
21.	Return to the front ladder and pull out the valve #1 marked "MAIN WALL" to begin raising wall. Use caution as the wall will begin to move more quickly as it reaches the top. Ease off the valve to slow the wall as it reaches the top. Failure to slow the wall may cause damage.	✓
22.	When the wall has reached the vertical position, the braces on the front and rear of the trailer must be locked in place. You can use the hydraulic rams to adjust for a good fit. Install R-clips in the pins.	✓
23.	Remove R-clips and unlatch (8) red latches which hold the secondary upper main wall in place. The eight are evenly placed along the bottom. Make sure all locks are locked open with R-clips before using hydraulics. Pull the secondary wall out and away from the main wall before engaging hydraulics. WARNING: Failure to unlatch the top sign will cause severe damage if the hydraulic system is operated. Please double check all latches.	✓

Check sheet completed by Dens Ruiz
 Print Name



MIDAMERICA
Setup Check List
 Chance Century Wheel
 406-03095

Date: 5/30/22

Location: SILVER HAWK MI

Instructions - Check(✓) or X each item completed.

	PROCEDURE	OK
1.	<p>Precautions for personnel safety must be observed at all times when setting up or tearing down the ride. Be aware of elevated areas, pinch points, suspended loads, moving equipment, etc. Keep a safe distance from these hazards to avoid serious personnel injury. Also, always know the whereabouts of all workers during set up or tear down procedure.</p>	✓
2.	<p>Check hydraulic oil level before set up.</p>	✓
3.	<p>Electrical Hookup: Before beginning the ride set up, electrical power must be connected:</p> <ol style="list-style-type: none"> 1. Check the main circuit breaker located in the main control box. Make sure it is in the OFF position. 2. Ground the ride per local code. 3. Connect the main electrical power supply 4. Make sure all switches on the operator's control console are in the OFF position. 5. With the doors for the main electrical boxes closed and latched, turn the two main circuit breakers "ON". 6. Turn the hydraulic system pump switch "ON". This switch is located on the curbside of the trailer next to the hydraulic system. 7. Check the leveling jacks and tower lift cylinder shut-off valves. The shut-off valves should be closed except when operating those cylinders. 8. Using the hand control box to extend or retract the cylinders or winches. 	✓
4.	<p>Trailer Set Up:</p> <ol style="list-style-type: none"> 1. Locate the ride trailer in position. NOTE: There must be at least 51" inches from the top of the trailer, at the rear, to the highest level of ground. Level the trailer accordingly. 2. Place two wooden 3X12X24" blocks under each hydraulic jack. Under each screw jack, place two wooden 3x12x30" blocks, then two 3x12x24" blocks. Use proper blocking techniques. 3. Connect the hand control box to the "JACKS" receptacle. Using the hydraulic leveling jacks, raise the front end of the trailer high enough to remove tractor. 4. Use the hydraulic leveling jacks to level the front of the trailer from side to side, using a bubble level. 5. Lower the front screw jacks onto blocking. Tighten jack nuts by hand. NOTE: the screw jacks are held in the roading position by a pin and a hairpin. Remove the pins to lower the jacks. 6. Use the rear hydraulic leveling jacks to level the trailer end to end, using a bubble level along the main trailer stringers. Also check the rear of the trailer for level side to side at the rear bumper. 7. Lower the rear screw jacks and tighten jack nuts by hand. 8. Retract the front and rear hydraulic jacks completely. IMPORTANT: The hydraulic leveling jacks are for leveling only. Be sure all four screw jacks are on solid blocking and the jack nuts are tightened. RETRACT THE HYDRAULIC JACKS AND CLOSE THE SHUT OFF VALVES SO THE ENTIRE WEIGHT OF THE RIDE IS ON THE SCREW JACKS. When the screw jacks have all been tightened, check the trailer again for proper leveling. 9. Remove the jack pads and blocking from under the hydraulic leveling jacks. These will be used under the stub towers. 	✓



PROCEDURE

5.

Front Towers:

1. Remove all chains, turnbuckles and braces which secure the front towers to the trailer. Also, remove any loose parts, tools or other items which might interfere with the front towers as they are erected.
2. Remove the pins from the wind brace supports and slide them outboard on all four stub towers. Install the pins.
3. Remove the pins securing the four braces in their racks.
4. Install the wind brace mounts, the two lower tower legs and secure with the collar, pin and hairpin. **NOTE:** On early units, a separate spacer sleeve must be installed on each wind brace mount. On later units, the sleeve is permanently attached to the mount. **DO NOT INSTALL WIND BRACES WITHOUT THESE SLEEVES.**
5. With other end of wind brace resting on the support, lay the wind brace parallel to the tower and pin it to the mount in the tower. Attach a rope to the wind brace to help support it as it is lowered into position.
6. Lay out the two remaining wind braces on the ladders and remove the wind brace rack from the ride.
7. Install the two upper wind braces.
8. Remove the pin from the telescoping portion of the horizontal tower brace.
9. Remove the locking bars from the front stub tower roading jacks and loosen the jacks. Swing out the stub towers. Install pins and hairpins in the stub tower brace joints.
10. Install the jack pads and blocking under the front stub towers. Set up the portable hydraulic jack and jack adapter plate. After the slack is taken out of the hydraulic jack set-up, extend the jack another 1/2 inch. Tighten the jack nuts by hand. Move the hydraulic jack to the other front stub tower and repeat the process. Install four cap screws, hardened washers and locknuts in each front stub tower pivot joint. Tighten to 700 ft. - lbs. A special extension for the torque wrench is provided to assist in this procedure. **NOTE:** these are 1-1/4-7x4" long, ASTM A325 cap screws, with ASTM A325 nuts and hardened washers.
11. Reinstall the pin and hairpin in the telescoping portion of the horizontal tower brace.
12. Swing the diagonal tower brace into position and install the pin and hairpin.
13. Connect the hand control box to the "TOWERS" receptacle.
14. Open the shut-off valves for the front tower erection cylinders. **NOTE:** Each tower erection cylinder has a shut-off valve and pressure gauge at its base.
15. Slowly raise both front tower legs. Monitor the pressure gauges on the erection cylinders as the tower legs are raised. Stop when both cylinders reach their limit of stroke. **IMPORTANT:** Raise the tower legs slowly toward the limit of stroke. **DO NOT** hold the control button after the cylinder has stopped.
16. Close the shut-off valves on the front tower erection cylinders.

OK

<p>PROCEDURE</p>	<p>6. Rear Towers:</p> <ol style="list-style-type: none"> 1. Retract the rear stub tower roading jacks fully. Swing out the stub towers. Install pins and hairpins in the stub tower brace joints. 2. Install the jack pads and blocking under the rear stub towers and the tower erection cylinders. 3. Connect the hand control box to the "WINCHES" receptacle. Connect the rear tower winch hooks to the pear links on the rear stub towers. 4. Retract the winches enough to put a chain under tension. 5. Install the draw bolts in one of the rear tower pivot joints. Tighten the draw bolts to align the holes in the mounting plates. If necessary, retract the winch slightly. 6. Install four capscrows, flat washers and locknuts in the rear stub tower pivot joints. Tighten to 700 ft.-lbs. NOTE: these are 1-1/4-7x4" long, ASTM A325 capscrows, with ASTM A325 nuts and hardened washers. 7. Disconnect the winch hooks from the stub towers and retract the winch chain out of the way. 8. Connect the hand control box to the "TOWERS" receptacle. 9. Swing both tower heads in to mate with the tower leg mounting plates. Install six capscrows, hardened washers and locknuts through mounting plates. Tighten to 700 to 850 ft.-lbs. NOTE: these are 1-1/4-7x4" long, ASTM A325 capscrows, with ASTM A325 nuts and hardened washers. 10. Slide the hoist adapter rings over the hoist support tubes and place them in an inboard position. 11. Install nylon sling and turnbuckle rods over the hoist support tubes on the rear towers. The sling must be positioned on the sweep bearing blocks and be adjusted evenly from side to side. The bottom sweep #9 features extra blocks on the bearing blocks. THE SLING MUST BE PLACED ACROSS THESE BLOCKS. Tighten the turnbuckles evenly until the sweeps are supported by the sling. IMPORTANT: DO NOT USE SLING IF IT SHOWS ANY SIGN OF DAMAGE OR FOR ANY USE OTHER THAN THAT SPECIFIED IN THIS MANUAL. NOTE: At this point, cables, snatch blocks and hooks can be rigged on all four tower legs. 12. If the ride is equipped with a sign, install it at this point. 	<p>OK 5. 6.</p>
<p>7.</p>	<p>Sign Installation:</p> <ol style="list-style-type: none"> 1. Remove the sign from its racked position. NOTE: the winches on the front tower legs can be used to support the weight of the sign as it is positioned on the ride. 2. Install the sign on the mounting brackets on the tower head, securing it with pins and hairpins. NOTE: the two upper sign mounting brackets must be pinned in the retracted position. This tilts the top of the sign inboard to clear obstructions as it is raised. Do not remove the pins from the slotted holes in the upper brackets. Once the towers are fully erected, remove pins from the inboard mounting holes and extend the upper mounting brackets fully outward. Re-install the pins and hairpins in the mounting holes. 3. Connect the sign cable to the receptacle at the axle. 	<p>7.</p>



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8.

Rear Tower Erection:

1. Loosen the turnbuckles and remove the tie rods from the axle cradle assembly. Remove the cradle braces.
2. Remove all chains, turnbuckles and braces which secure the towers, hub and sweeps to the trailer. Also, remove any loose parts, tools or other items which might interfere with the towers as they are erected. Remove the racking bars from the end of sweeps. **NOTE:** The sweep bushings must be greased while the sweeps are down and stacked.
3. Open the rear shut-off valves for the rear tower erection cylinders. The valves should be fully open for this step.
4. The front tower legs should be in the fully raised position from a previous step. **NOTE:** restrain the axle cradle to keep it from falling when the hub is raised.
5. Slowly raise rear tower legs. Use visual reference point to keep the tower legs even as they are raised. **IMPORTANT:** It is extremely important the tower legs remain parallel and aligned, and that the main axle stays level as the tower legs are raised.
6. As the rear tower legs are raised, make sure the tower heads and sign clear the front tower legs and all other obstructions.
7. Continue to raise the rear tower legs approximately one to two feet past their normal operating position. Lower front and rear legs to meet.
8. When the front and rear tower legs are approximately aligned, lower the front tower legs to align the cones and sockets in the tower attaching plates. Carefully raise or lower the tower legs to fully mate the attaching plates. When the tower legs are in the correct position, the attaching plates will mate easily. **DO NOT FORCE THE PLATES TOGETHER.**
9. Install the cap screws, hardened washers and nuts through the attaching plates. Tighten to 700 ft.-lbs. **NOTE:** These are 1-1/4-7x4" long, ASTM A325 cap screws, with ASTM A325 nuts and hardened washers.
10. Turn off the hydraulic pump and relieve pressure in all four erection cylinders by pushing the retract buttons on the hand control box. Close the valves at the bottom of each erection cylinder.
11. Remove the pins to swing the front tower braces into their racked positions. Secure with pins and hairpins.
12. The towers are now erected and the sweeps are suspended from the rear tower legs by the nylon sling. **DO NOT ATTEMPT TO LOOSEN THE SLING BY ANY METHOD OTHER THAN THE PROCEDURE DESCRIBED IN THE FOLLOWING TOPIC; 'SWEEPS AND SPREADER BARS'.**
13. Swing the wind braces into their approximate location and install the wind brace feet with pins and hairpins.
14. Install wind brace tie rods and tighten the turnbuckles by hand. **DO NOT OVERTIGHTEN THE TURNBUCKLES, STRUCTURAL DAMAGE TO THE RIDE CAN OCCUR.** Important: The minimum distance from the center of the trailer to the wind brace foot is 15 feet. If necessary, mount the wind brace foot in a different hole or block under the foot. Blocking under the wind brace foot must not exceed 12 inches.
15. Remove the two wooden sweep support platforms from under the trailer deck.
16. Remove the pins from the four step platforms and slide them outboard. Install the pins and hairpins to secure them in place.
17. Set up the gondola carrier rails, securing the rails to the trailer with pins and hairpins. Block as required under the jacks to level the rails.
18. Remove the racking brace from the gondola carrier and roll it forward onto the rails. Lay the gondola handling platform in place on the floor.
19. Place the operators control console tem ground next to the ride. Attach the electrical receptacle on the main control box. Connect hoses between the control console and to under the front of the trailer.

OK7.



PROCEDURE

Sweeps and Spreader Bars:

1. **IMPORTANT:** four electric winches are used to assist in spreading the sweeps using chain and cable rigging exactly as shown in the following text.
2. Set up the two rear winches using the cables and snatch blocks.
3. Attach the rear winch cable hooks to the extra shackles on each end of the sweep sling.
4. Retract the winch to remove tension from the turnbuckle rods. Lift the rods off of the hoist support tubes on the tower legs. Let the rods hang down and behind the sweep package as it is lowered.
5. Extend the winches until the sweep package is hanging vertically from the hub.
6. Remove the cable sling and turnbuckle rods from the area.
7. Set up the two front winches using the cables and snatch blocks. **IMPORTANT:** The following steps describe the procedure for pulling the sweeps simultaneously from both sides of the stack. Each successive pull completes two sections of the wheel. The procedure is broken down by each winch set-up and pull. The corresponding steps must be performed on the sweeps on both sides of the sweep stack before making the next set-up. The sweeps are numbered on the stems to correspond with the gondola numbers. Sweeps #8 and #9 are on the outside of the sweep stack, and sweep #1 is in the center of the stack.
8. Install the sweep shackles on sweeps #8 and #9. Use a pin and hairpin to secure the shackles in the lower hole at the end of the sweep. **NOTE:** The long arm of the sweep shackles must be on the outermost side of the sweep.
9. Attach the winch cable hooks to the sweep shackles. The cable and snatch blocks must be arranged properly. The rigging is identical or all four winches.
10. Pull sweeps #8 and #9 until the racking pins can be removed from the short spreader bars. Swing the spreaders from their racked position and allow the end to rest on the crossmembers of the stacked sweeps.
11. Set up the ladders at each end of the rack for the long spreader bars. **NOTE:** Pin the upper ladder support in place on the front end of the rack.
12. Pin one end of the long spreader bars to sweeps #8 and #9. The free end can rest on the trailer deck as the pull is continued. **IMPORTANT:** The pins for the long spreader bars must be installed from the outside of the wheel, pointing inward. A lynch pin is installed behind the head of each pin to secure it.
13. Continue to pull sweeps #8 and #9 until free end of the short spreader bars can be pinned to sweeps #7 and #10.
14. While the helpers hold up the free end of the long spreader bars, extend the winches until the long spreaders can be pinned to sweeps #7 and #10.
15. Extend the winches to remove the sweep shackles from sweeps #8 and #9. Move the shackles to sweep #7 and #10. **NOTE:** As long spreader bars are installed, connect the electrical jumpers between the spreader bars and the receptacles on the sweep. Route the cable up over the T-bar to the next spreader.
16. Repeat the procedure until the short and long spreader bars are installed between the last sweeps (#8 and #8).
17. At the hub of the wheel, install the special wing draw bolts, lock nuts and hairpins in four places.
18. Tighten the wing draw bolts to pull the wings completely together.
19. Install the hollow wing latch pins and hairpins.
20. Install the tear-down pins and hairpins.

OK8.



		OK
	<p>PROCEDURE</p> <ol style="list-style-type: none"> 21. The wheel can now be rotated by hand, by pulling with ropes. Rotate the wheel 180 degrees, so the last space for spreader bars is at the bottom of the wheel. Install the sweep shackles and all four winch cable hooks with the wheel in this position. Retract the winches to hold the wheel steady. 22. Install the adjustable short spreader bars with pins and hairpins. IMPORTANT: Make sure the two adjustable spreader bars are fully retracted before attempting to install them. 23. Install the remaining two long spreader bars. 24. Tighten all adjusting nuts, and then tighten the jam nuts. There should be approximately 1/4" of the slide bar left inside the guide. NOTE: The adjustable short spreader bars must be in compression. 25. Attach the front and rear winch cable hooks to the stub towers and retract the winches slightly to hold the cables taut, or remove the winch cables and retract the winch chain completely. 	✓
10.	<p>RIM IRONS:</p> <ol style="list-style-type: none"> 1. IMPORTANT: The drive units, drive tires and air brake system must be properly adjusted and in good working condition to safely hold the wheel for installation of rim irons. 2. Install one rim iron to the long spreader bar on one side at the bottom of the wheel. IMPORTANT: The pins for the rim irons must be installed from the outside of the wheel, pointing inward. A lynch pin is installed behind the head of each pin to secure it. 3. Make sure the air compressor is on and adjusted to the correct pressure 100psi at the reservoir and 60psi at the regulator. 4. With the aid of helpers and ropes, rotate the wheel until the rim iron enters the drive tires. Use the jog control and the emergency brake to rotate the wheel so the rim iron enters the drive tires about one foot. Apply the brake. WARNING: BE EXTREMELY CAREFUL WHEN ROTATING THE WHEEL TO INSTALL RIM IRONS. RIM IRONS ARE HEAVY AND CAN CAUSE AN OUT-OF-BALANCE WHEEL. UNCONTROLLED MOVEMENT OF THE WHEEL CAN RESULT IN PERSONAL INJURY. 5. Check the drive tire contact area and adjust as required. 6. Install the next rim iron on the same side of the wheel. 7. Using the jog control and the brake, rotate the wheel to the next position. 8. Install another rim iron on the same side of the wheel. 9. Repeat steps 6 and 7 to continue installing rim irons until all one side of the wheel is complete. 10. Repeat the procedure for the other side of the wheel. 11. Install and tighten the long tie rods and the torsion rods. IMPORTANT: The torsion rods and long tie rods must be in tension. If necessary, the wheel alignment can be adjusted with the torsion rods and the long tie rods. 12. Check the tracking of the drive tires on the rim irons on both sides of the ride and in both directions. If necessary, use the portable hydraulic jack and jack adapter plate to make minor adjustments to the stub towers after the spreader bars and rim irons are installed. 	✓

PROCEDURE

GONDOLA INSTALLATION:

1. **WARNING: DO NOT OPERATE THE RIDE IF ANY GONDOLA IS NOT PROPERLY INSTALLED. SERIOUS INJURY TO PASSENGERS CAN RESULT.**
2. Remove the racking tube and carefully rotate the gondola stem and canopy to the lowered position. Once the stem is lowered, remove the two pins from each side of the canopy and rotate the canopy to its operating position. Install the pins and hairpins.
3. Rotate the wheel and repeat step #2 until all stems are lowered and all canopies are in operating position.
4. Remove all braces, fixtures and clamps holding the gondolas in their racked position.
5. Assemble the gondola handling gantry.
6. Attach the gantry power cables from the curbside.
7. Place the gondola handling cart on the platform to the rear of the racked gondolas. **CAUTION:** Lift only one gondola at a time. Use the cart only on a level trailer deck. Do not place foot on brake when lowering the platform, do not fully open the release valve when the cart is loaded. Keep the platform lowered until the gondola is positioned under the stem. Do not roll the cart with the gondola raised. Always use the brakes to prevent unintentional movement of cart.
8. Install the lifting adapter over the stem on the first gondola. Make sure the adapter is fully engaged on the gondola and the locking collar is down. The cutout in the lifting adapter **MUST FACE THE SEATS OF THE GONDOLA, NOT THE DOORS.**
9. Carefully lift the first gondola from the stack and move it onto the handling cart. Be careful to set the gondola on the center portion of the cart. Remove the lifting adapter. **NOTE:** The sweeps are numbered to correspond with the gondola numbers. These numbers are labeled on the gondolas and stems.
10. Move the gondola into position to align it with the corresponding gondola stem. Close the release valve on the cart and pump the foot pedal to lift the gondola high enough to install a pin and hairpin in the bottom hole of the stem.
11. Slowly open the release valve on the cart to lower the gondola until it rests on the pin in the stem. The pin must be centered on the stem.
12. Rotate the gondola 90 degrees so the pin engages the slot on the bottom of the gondola hub. Install the second pin (90 degrees to the bottom pin) and hairpin to secure the gondola to the stem.
13. Rotate the wheel and repeat procedure to install the next gondola. Push the gondola carrier in as required for access to the last stack of gondolas. **IMPORTANT:** When installing the gondolas, the wheel must not become out-of-balance by more than two gondolas. Install the gondolas in a sequence to maintain the correct balance.
14. After each stack of five gondolas is installed, remove the racking stem from the ride.
15. After all gondolas are installed, remove the gondola handling platform. Push the gondola carrier fully into the trailer and install the racking brace.
16. Disassemble and remove the carrier rails. Place the carrier jacks under the front corners of the trailer and tighten until snug.
17. Disconnect the gantry power cables from the receptacle. Disassemble the gantry, or roll it fully forward and secure it out of the path of the ride.
18. Remove the gondola handling cart from the ride, or secure it out of the path of the ride.

OK10.



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11.	<p>PROCEDURE</p> <p>PLATFORMS, FENCES & GATES</p> <ol style="list-style-type: none"> 1. Install the remaining platforms on the trailer deck and loading platforms. 2. Install the operator's platform and jackstands. Use the jackstands to level the platform. 3. Install fences around operator's platform with pins and hairpins. 4. Install the operators control console on the operator's platform. Route the electrical cable and air hoses through the opening in the platform. 5. Install the front and rear steps using long pins and hairpins. Install the entrance gates and secure with pins as the front steps are installed. 6. Attach lower platforms to steps on front and rear of ride with pins and hairpins. Use the jacks to level the platforms. 7. Attach the ramps to the lower platforms. 8. Install remaining fences and gates. Make sure the entrance and exit gates are correctly installed and are in good working order. 9. Install the skirt support bar across the back of the trailer with pins and hairpins. 10. Install the fabric skirting around the entire ride. NOTE: The jacks from the gondola carrier support the front corners of the fabric skirting. Make sure the jacks are plumb. 11. Install the chains and posts around the wind braces. 	OK11. 12. ✓
12.	<p>FINAL SET-UP:</p> <ol style="list-style-type: none"> 1. Install the counter switch on the front of the drive motor assembly. Connect the electrical cable to the receptacle on the tower. NOTE: The rim iron with the switch trigger plate must be installed so the programmed drive automatically stops the ride with the #1 gondola in the center loading position. 2. Inspect the entire floor for obstructions. Remove all racks, tools, components and other objects from the path of the ride. 3. Test run the ride. 	✓

Check sheet completed by S. BEITS
Print Name