

Mfg: WISDOM COMPANY

RIDE: CRUISIN UMBRELLA.

CRUISIN'

OPERATIONS MANUAL

WISDOM INDUSTRIES LTD.

Box 5000

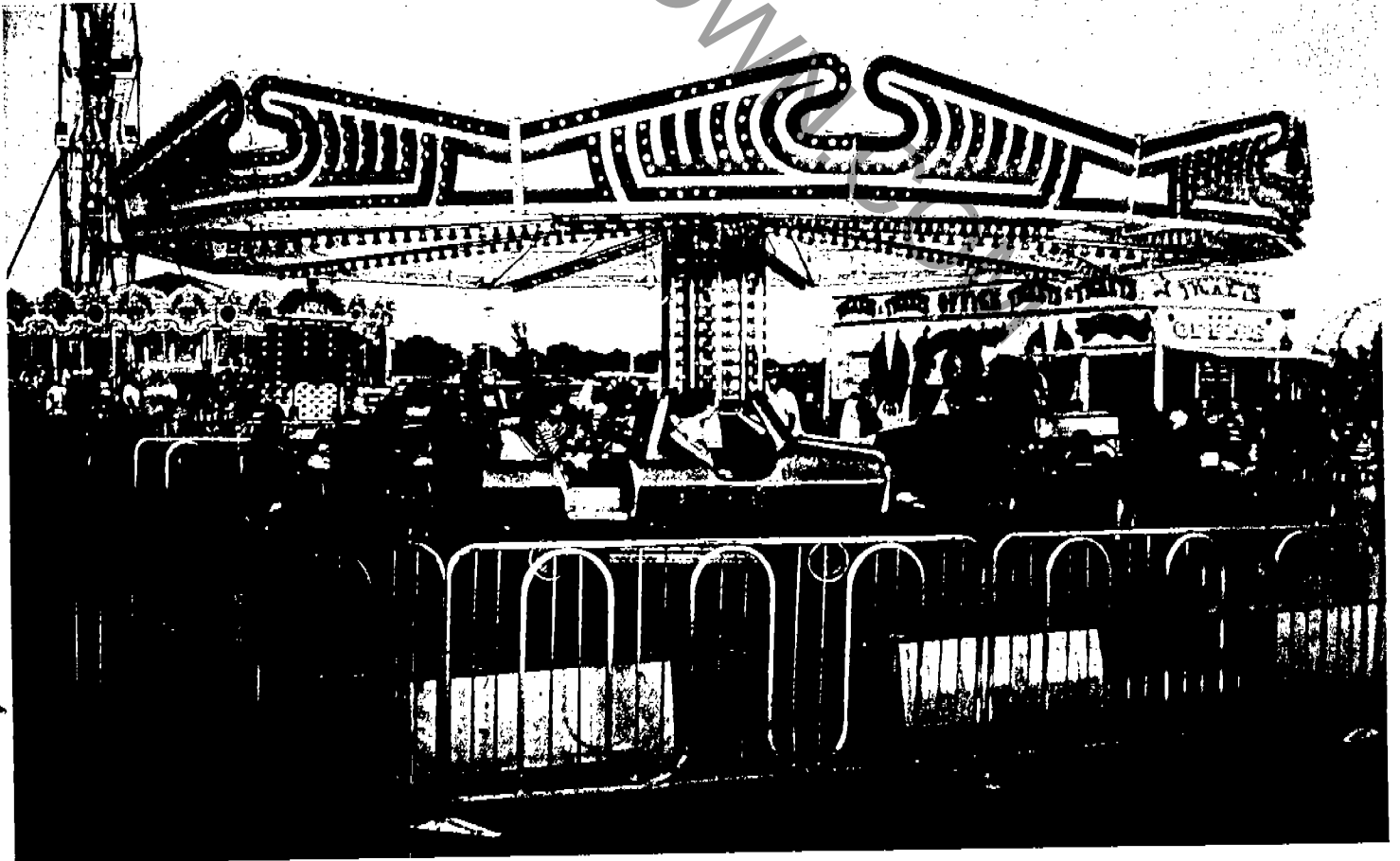
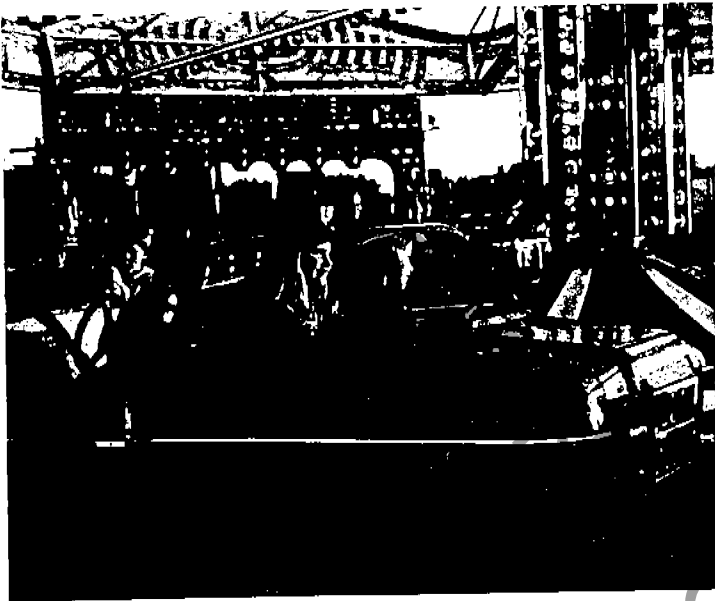
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Wisdom

CRUISIN UMBRELLA



Ride Name

Crusin (umbrella ride)

Ride Description

Crusin consists of six vehicles individually propelled by electric motors around a course defined by aluminum channel guides. The entire course is covered by a large umbrella.

Attendant Responsibilities

Make sure the ride has been inspected. The ride should not be operated in high wind or rain. Open the gate and allow the proper number of Guests in. Assist all small children and Guests who need help into the vehicles. Close the gate and ensure that the safety latch is fastened securely. Fasten all safety belts and make sure all passengers are properly seated. Make sure everyone who is not riding is clear of the vehicles and is outside of the perimeter fencing before starting the ride; use the concave mirror if it is available. Start the ride by pressing the START button. Watch the ride and the fence while operating the ride. Stay alert for the unexpected. If you think the ride is not operating properly, STOP it immediately and call a Manager. Stay alert for the unexpected. Do not permit anyone to sit on or cross the fence while the ride is in motion. Never leave the controls while the ride is in operation. The timer will stop the ride. **Do not permit any part of your body or clothing to come in contact with a moving ride. Do not approach a moving ride until it has come to a complete halt.** If anyone begins to stand up or if any vehicle stops on the course, halt the entire ride immediately. If the ride loses power unexpectedly turn off the power immediately, and do not restart if Guest are walking near the vehicles or inside the perimeter fence. At the end of the ride, open the exit gate, release the seat belts, and then assist the Guests out of the vehicles. After all Guests are through the exit gate, close the gate and latch it. Do not leave the ride unattended unless you remove the key from the operator's panel.

Passenger Capacity

- Maximum Number: 4 children per vehicle, 24 children total

- Maximum Weight: 2100 lbs. total

Loading, Unloading, and Load Balancing Instructions

- **Loading and Unloading Instructions:** Help riders into and out of the cars. Children under 3 years old must be accompanied by an adult. Guest too obese to fit easily into the car should be directed to a different ride.
- **Load Balancing Procedure:** Load balancing does not affect the operation of the ride.

Ride Duration

Approximately 2 minutes.

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This manual is for the WMI Cruisin' Amusement Ride

Serial Number: _____

Date of Manufacture: _____

CENTER OF RIDE INSPECTION (cont.)

Check sweep rod end fasteners for security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check sweeps for cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check wiring for loose wires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check electric cords for wear spots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Close Center canvas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check center canvas fastening at center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check that center canvas is fastened at cars.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check center canvas for cuts where a passenger could push a foot through while ride is running	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lubricate ride as nessessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check for foreign objects around ride.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Run ride at least two complete cycles before riding passengers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

UMBRELLA LUBRICATION SCHEDULE

	TYPE OF LUB				PERIOD OF LUBRICATION	
	1	2	3	4	DAILY	WEEKLY AS NEEDED
CARS AND MOTORCYCLES						
Rear wheel bearings			X			X
Front wheel bearings			X			X
Motorcycle front wheel bearings			X			X
Motorcycle handle bar pivots	X				X	
CENTER						
Main center bearing			X			X
Sweep pivot rod ends			X		X	
Gear box				X		X

TYPE OF LUBRICATION

Type 1
Machine Oil
Light machine oil 1-2 drops allow to seep into hinge or pivot area

Type 2
Grease
Use quality grease similar to MYSTIC JT-6 1-2 shots turn ride repeat.

Type 3
Hinge pin lubrication use WD-40 OR light machine oil. Allow to penetrate hinge.

Type 4
Gear box oil
Use a 90 weight oil fill to sight gauge on gear box.

SET-UP INSTRUCTIONS

1. Select location with adequate space. The minimum space is thirty-five (35) feet wide, and twenty four (24) feet deep and fourteen (14) feet for head room.
2. Disconnect towing vehicle; remove hitch if desired.
3. Connect power cord to 220 V. 3 Phase Y connected power source. (Check phasing for proper rotation)
4. Lower the front floor section with the winch provided. DO NOT GET UNDER THE FLOOR AS IT IS BEING LOWERED.
5. Lower the back floor using the same winch that was used on the front floor When the floor is about 36" from the ground stop winch. Swing down the rear floor support stands, then lower the floor onto the floor support sand pads.
6. Stand up the back wall, and swing out the end panels. Adjust the floor support jacks (Up or Down) so that the end panels will fit properly; pin and key in place.
7. Fold out the front sign and overhead structure. Pin and key in place.
8. Unfold the ride cover. Secure to the front sign and back wall. Install ride tightening cams, one at each end of the trailer. Tighten the turn buckles.
9. Loosen the car front floor brackets . Remove the floor brackets and install the cars on the track. Then install the car spacer links, and finally, install the filling station wheel housing cover.
10. Double check all pins, and safety keys. Check the car track for obstructions, and check the ride for proper grounding and phasing.
11. Open the ride.

CAUTIONS

CAUTION: NEVER ALLOW A CHILD TO GET IN FRONT OF A MOVING AMUSEMENT RIDE VEHICLE. IT COULD RESULT IN A SERIOUS INJURY OR DEATH.

CAUTION: NEVER RIDE ANYONE WITHOUT THE PROPER SEAT RESTRAINT.

CAUTION: NEVER LET ANYONE LEAN OVER OR SIT ON THE FENCE WHILE THE RIDE IS IN MOTION.

CAUTION: NEVER OPERATE THE RIDE WITHOUT WATCHING THE RIDE WHILE IN MOTION.

CAUTION: NEVER OPERATE THE RIDE WHILE ANYONE THAT IS NOT ON THE RIDE IS INSIDE THE FENCE.

PERSONAL CONDUCT

The following should not be permitted while operating the ride:

1. Any use of alcohol or illicit drugs.
2. Eating, smoking, or drinking beverages at the ride.
3. Failure to follow the instructions of your supervisor.
4. Failure to follow standard operating procedures and safety rules.
5. Arguing or using profanity in front of customers.
6. Leaving the ride unattended.
7. Listening to radios or tape players.
8. Visiting or having long conversations with others.

AVOIDING LAW SUITS

In addition to providing a safe operation, a little PR can go along way in preventing a minor injury from becoming a major lawsuit. We recommend you train your employees in the art of being courteous, helpful, and considerate to anyone with even the slightest injury. Employees should immediately notify their supervisors so that they may show additional extraordinary consideration to make absolutely certain that the injured party and friends know that you are concerned and have done everything possible to keep the injury from spoiling a day of fun.

IF AN INCIDENT SHOULD OCCUR:

- a. Stop the ride.
- b. Get help from the office or your supervisor.
- c. Aid the injured as best you can, but do not move him.
- d. Stay calm.
- e. Control crowds.
- f. When help arrives, assist them.
- g. Remember the facts, don't gossip, you will have plenty of time to tell the real story at a later time.

OPERATIONAL INSTRUCTION

1. Always make absolutely certain everyone is properly seated and strapped in before starting the ride.
2. Check carefully that everyone is clear of the ride and outside the fence before starting the ride.
3. Do not let anyone climb on, play on, or lean over the fence.
4. Keep the fence a safe distance from the ride.
5. Use common sense.
6. Understand that everything inside the fence is your personal responsibility.
7. Should there be an incident and there is any evidence that you may be under the influence of alcohol or drugs, you could be charged with a felony and sentenced to prison.
8. When erecting or dismantling a ride, most injuries occur because:
 - a. Something falls on someone.
 - b. Someone slips and falls.
 - c. Something touches a high voltage line. Remember the wires on regular wooden electrical poles carry 7200 volts.
9. Preventing a child from being injured is by far your most important job.
10. Periodic factory safety bulletins should be put into effect immediately and added to this manual.
11. When you leave the ride, turn the power off.
12. Be cautious and ready for the unexpected when dealing with children.

PHYSICAL INFORMATION

The following is presented in accordance with ASTM F698-83 Standard Specifications for PHYSICAL INFORMATION TO BE PROVIDED FOR AMUSEMENT RIDES AND DEVICES.

3.2 Ride Serial Number

3.2.1 Name Plate

Located on the electrical enclosure at the rear of the trailer of enclosure stand on stationary models.

3.3 Model Number

The name Cruisin' is used in lieu of a model number.

3.4 Date of Manufacture

Located on the name plate

3.5 Trailering Information

The trailer used to transport the Cruisin' is twelve feet high by eight feet six inches by thirty two feet long. (12' x 8'6" x 32'). The trailer weighs approximately 12,000 pounds with the ride.

3.6 Static Information

The ride including the trailer, fence, and safety gates, is approximately twelve feet high, by thirty feet wide, by twenty four feet deep. (12' x 30' x 24'). The ride weighs 12,000 pounds.

3.7 Dynamic Information

When the ride is operational, it's dimensions are the same as when it is at rest.

3.8 Ride Speed

N/A or lap time is approximately 15 seconds.

3.9 Direction of Travel

Forward movement of vehicles on a directed path.

3.10 Power Requirements

3.10.1 Electrical

The ride requires 200 volts single phase, fifty (50) amps, 10 KW. The voltage should not vary 10% from this recommendation.

3.10.2 Mechanical

Each vehicle requires one 1 1/2 hp 24 volt DC motor.

3.12 Passenger Capacity

3.12.1 Maximum total passenger weight is 2100 pounds.

3.12.2 Maximum number of passengers is 24 children.

3.13 Ride Duration

The recommended ride duration is 2 minutes.

3.14 Recommended Balance of Passenger Loading or Unloading

Precise weight distribution is not critical to the operation or safety of the ride.

3.15 Recommended Passenger Restrictions

No children under age three (3) unless accompanied by an adult or parent.
No person suspected of drinking. No obese person.

3.16 Environmental Restrictions

The ride should not be operated in a high wind, rain or other condition which would impede traction of the drive motors, limit visibility of the ride operator, or result in slippery conditions for loading or unloading.

3.17 Fastener Schedule

All fasteners, pins, cables, safety ropes and cleats must be replaced with items provided by the manufacturer.

The following information is provided in accordance with ASTM F770-82 STANDARD PRACTICE FOR OPERATION PROCEDURES FOR AMUSEMENT RIDES AND DEVICES.

3.1.1 Description of the Ride, Function and Operation

The ride consists of six (6) vehicles which are propelled by 1 1/2 hp motors around a course defined by aluminum channel guides.

3.1.1.1 Description of the Motion

The ride runs clockwise in a prescribed course, perhaps up and down a ramp, depending on the model.

3.1.1.2 Description of the Recommended Passenger Loading Procedures

The ride operator should unlock the entrance gate and permit the proper amount of persons to enter the ride area only after the vehicle to be loaded has come to a complete stop.

3.1.2 Recommended Safety Procedure

3.1.2.1 Maximum Riders, Weight and Ride Total

The ride should carry no more than four (4) children.

3.1.2.2 Description of Passenger Restraint

The lap belt or rope over the riders comprises the passenger restraint for this ride. Always advise the riders to remain seated until the ride comes to a complete stop.

3.1.2.3 Ride Operator's Safety Check

Before starting the ride, the ride operator should check that the seat belts are properly attached. The ride operator should watch the ride in operation at all times. Any abnormal facial or body expressions is reason to stop the ride entirely. If any vehicle stops for any reason, the operator should stop the entire ride immediately to avoid collision.

NOTE: Do not let anyone sit on or lean over the fence while the ride is being operated.

3.1.2.4 Instruction to Patrons

Remain seated until the operator signals the ride is over.

3.1.3 Operator's Location and Operating Procedure

The operator should have a clear view of all functions of the ride at all times. The operator control console should be placed to the outside of the launch section as shown in Figure 1. The operator should have an understanding of the distance a vehicle can coast after the power is shut off.

3.1.3.1 Daily Pre-Opening Inspection

1. Check safety latches to insure they are working properly.
2. Check the electrical pick-ups to insure that all connections are secure and that the wheels turn freely.
3. Check the connections to the chassis to insure that they are secure.
4. Check for any loose wire connections on the body and replace burned out bulbs.
5. Check all jackstands to insure they are properly vertical and positioned on solid ground. Block if necessary.
6. Check all track camlock and twistlock connections.
7. If the ride has not been operated for a couple of days, use a Scotch-brite pad to clean the aluminum track, removing all aluminum oxide. A clean track insures proper electrical transmission.
8. Check to insure the ground wire on the main lead is secure as it's power source.
9. Clean up the area.
10. Be alert and think safety the rest of the day.

3.1.3.2 Ride Operator's Position and Function

The ride operator should be positioned at the end of the loading area so he has a clear and unobstructed view of the loading area as well as the main track. The operator should know and understand the operation of the control console. The operator should know and understand hand signals used by the loading/unloading operators.

3.1.3.3 Recommended Series of Steps to Operate the Ride

1. Open the safety gate and let the required amount of patrons in.
2. Close and lock the gate.
3. Load the required amount of patrons.
4. Tell the patrons to put their hands in their laps.
5. Close the safety lap belts.
6. Signal the operator that the car is loaded.
7. Always be alert and watch the vehicles.

3.1.4 Emergency Procedures

If anyone begins to stand up in his seat, stop the ride immediately.

3.1.4.1 Recommended Evacuation of the Ride
Evacuate the ride through the front gate exit.

3.1.4.2 Use of Emergency Power Equipment - N/A

3.1.4.3 Description of Emergency Equipment - N/A

3.1.4.4 Description of any Emergency Procedure Made Necessary by an Interruption of Power, and Restart Procedures-

With the interruption of electricity, turn off the ride and do not restart until checking that everyone is seated and no one is inside the fence.

OWNER/OPERATOR'S RESPONSIBILITIES OPERATION PROCEDURES

- 4.1 Each owner/operator of an amusement ride or device shall read and become familiar with the contents of the manufacturer's recommended operating instructions and specifications, when received as provided in 3.1. Each owner/operator shall prepare an operating fact sheet. This fact sheet shall be made available to each ride or device operator and attendant of the amusement ride or device. The owner's/operator's fact sheet (on a ride-to-ride basis) shall include but not be limited to:
- 4.1.1 Specific ride or device operation policies and procedures with pertinent information from the manufacturer's instructions.
 - 4.1.1.1 Description of the ride or device operation.
 - 4.1.1.2 Duties of the specific assigned position of the ride or device operator or attendant.
 - 4.1.1.3 General safety procedures.
 - 4.1.1.4 Additional recommendations of the owner/operator.
 - 4.1.2 Specific Emergency procedures in the event of an abnormal condition or an interruption of service.
 - 4.1.3 The owner/operator shall provide training for each ride or device operator and attendant of an amusement ride or device. This training shall include but not be limited to the following, where applicable:
 - 4.1.3.1 Instructions on ride or device operating procedures.
 - 4.1.3.2 Instructions on specific duties of the assigned position.
 - 4.1.3.3 Instructions on general safety procedures.
 - 4.1.3.4 Instructions on emergency procedures.
 - 4.1.3.5 Demonstration of the physical ride or device operation.
 - 4.1.3.6 Supervised observations of the ride or device; operator's physical operation of the ride or device.

4.1.3.7 Additional instructions deemed necessary by the owner/operator.

4.1.4 The ride or device operator of each amusement ride or device shall conduct a daily pre-opening inspection of each ride or device prior to carrying passengers. This inspections shall include but not be limited to the following:

4.1.1.1 Visual check of all passenger-carrying devices, including restraint devices and latches.

4.1.4.2 Visual inspection of entrances, exits, stairways, and ramps.

4.1.4.3 Test of all communications equipment necessary for the operation of the ride or device.

4.1.4.4 Prior to carrying passengers, the ride or device shall be operated for a minimum of one complete operating cycle.

3.1.3 Recommended Lubrication Procedures

3.1.3.1 Recommended Types of Lubricants

1. Front wheel bearing should be PACKED with multi-purpose lithium base grease.
2. Grease the steering king pin with a multi-purpose grease through the zerk located on the front side of the spindle block.
3. If your ride is equipped with rod ends on the steering linkage made of a brass material, grease the bearing with a multi-purpose grease through the zerk on the side of the rod end.

3.1.3.2 Recommended Frequency of Lubrication

1. Check all front wheel bearings every three (3) months. Lubrication should be done by PACKING with grease.
2. The steering king pins should be greased every two (2) weeks.
3. The rod ends, if necessary, should be greased every two (2) weeks.

3.1.3.3 Lubrication Chart - N/A

3.1.3.4 Recommended Special Lubrication - N/A

3.1.4 Description of Recommended Daily Pre-Opening Inspection

See 3.1.3.1 of F770-82.

3.1.5 Description and Frequency of Recommended Maintenance Inspections and Testing Other Than Daily Pre-Opening Inspections

3.1.5.1 Recommended Wear Limits or Tolerances

1. The stainless steel wire electrical pickup wheels should be checked weekly. When the diameter of the wheel has worn to 3 1/2", it should be replaced.
2. The urethane guide wheels are 4" in diameter when new. They should be replaced when they have worn to 3 1/2" in diameter. Any smaller in diameter and they will not contact the micro switch arms on the track.
3. The rubber tires should be replaced when tread depth becomes less than 1/16 of an inch.

3.1.5.2 Recommended Operational Tests

1. At each set-up point or at least weekly, the following items should be checked:
 - A) Is proper voltage being used to operate the ride/
 - B) Check for belts or taper lock bushings which may be loose.
 - C) Check to make sure that all electrical connections on the electrical pickup and the electric motor are tight.

3.1.6 Recommended Specifications for the use of Replacement Fasteners

1. Replacement of the winch cable should be factory manufactured original equipment.
2. Replacement of the winch should be provided by the factory only.
3. Safety latches should be factory provided or manufactured original equipment.

3.1.7 Electrical Schematic

3.1.7.1 Description of Recommended Maintenance for Electrical Components

1. The aluminum track is an electrical conductor. Keep it clean and tightly bolted for maximum conductivity.
2. The stainless steel wire brushes are to roll freely on the aluminum channel. Replace any worn or damaged brushes before running the ride.
3. The light bulbs in the fixtures on the vehicles are standard automotive bulbs. Replace them when burned out to keep your ride looking good.

4. Periodically spray all relays with a contact cleaner to insure proper operation.
5. Replace quartz bulbs by using a towel or rag to keep oil from your hands off the bulb. The oil will decrease the life of the bulb.

3.1.8 Non-Operating Procedures

Minor scratches in fiberglass can be buffed out by using a fine grit auto rubbing compound and following up with a coat of wax. Deep scratches (deeper than the gel coat) - call the factory for a repair kit. State color required.

Cracks due to mishandling or abuse can be repaired from the underside using fiberglass mat and activator. Be sure surface is clean and dry.

Clean fiberglass with a soft cloth and a mild liquid detergent. Do not use scouring powder, steel wool, or an abrasive cleaner as this will dull the surface.

Models with aluminum fence and safety gates - clean aluminum with dry Scotch Brite (green scouring pads, available at most grocery stores).

3.1.9 Description of Recommended Assembly and Disassembly Techniques as Deemed Necessary by the Manufacturer - N/A

OWNER/OPERATOR'S RESPONSIBILITY MAINTENANCE

4.1 Each owner/operator of an amusement ride or device shall read and become familiar with the contents of the manufacturer's maintenance instructions and specifications when received, as provided in 3.1 Based on the manufacturer's recommendations, each owner/operator shall implement a program of maintenance, testing, and inspections providing for the duties and responsibilities necessary in the care of each amusement ride or device. This program of maintenance shall include a checklist to be made available to each person performing the regularly scheduled maintenance on each ride or device. The owner/operator's checklist (on a ride-to-ride basis) shall include but not be limited to:

- 4.1.1 Description of inspections to be performed.
- 4.1.2 Special safety instructions, where applicable.
- 4.1.3 Any additional recommendations of the owner/operator.

4.2 The owner/operator of the amusement ride or device shall provide training for each person performing the regularly scheduled maintenance on the ride or device, pertaining to their duties. This training shall include, but not be limited to the following:

- 4.2.1 Instruction on inspection and preventive maintenance procedures.
- 4.2.2 Instruction on the specific duties of the assigned position.
- 4.2.3 Instruction on general safety procedures.
- 4.2.4 Demonstration of the physical performance of the assigned regularly scheduled duties and inspections.
- 4.2.5 Supervised observation of the maintenance person's physical performance of their assigned regularly scheduled duties and inspections.
- 4.2.6 Additional instructions deemed necessary by the owner/operator.

- 4.3 Prior to carrying passengers, the owner/operator shall conduct or cause to be conducted a daily documented and signed pre-opening inspection, based on provided instructions, to insure the proper operation of the ride or device. The inspection program shall include, but not be limited to the following:
- 4.3.1 Inspection of all passenger-carrying devices, including restraint devices and latches.
 - 4.3.2 Visual inspection of entrances, exits, stairways, and ramps.
 - 4.3.3 Functional test of all communication equipment necessary for the operation of the ride.
 - 4.3.4 Inspection or test of all automatic and manual safety devices.
 - 4.3.5 Inspection or test of all brakes, including service brakes, emergency brakes, parking brakes, and back stops.
 - 4.3.6 Visual inspection of all fencing, guarding, and barricades.
 - 4.3.7 Visual inspection of the ride structure.
 - 4.3.8 The ride or device shall be operated for a minimum of one complete operating cycle.
- 4.4 Following an unscheduled cessation of operation, and the unloading of an amusement ride or device, necessitated by malfunction, adjustment, environmental conditions, mechanical, electrical, or operational modification, that affected the operation, the ride or device, or the specifically affected element, shall be appropriately inspected, and operated, without passengers, to determine that the cause for cessation of operation has been corrected and does not create an operational problem.

OWNER/OPERATOR'S RESPONSIBILITIES INSPECTION

- 4.2.1 Owner/operators of amusement rides or devices shall have a program consistent with the inspections outline in Practices F770 and F853.
- 4.2.2 Inspection documents deemed appropriate by the owner/operator to be maintained in the ride file shall be filed according to the procedures outline in Practices F770 and F853.
- 4.2.3 The owner/operator of an amusement ride or device shall promptly notify the manufacturer of an incident, failure or malfunction which, in his judgment, seriously affects the continued proper operation of the ride or device and is information of which the manufacturer should be aware.

OWNER/OPERATOR MEETING AFTER INSPECTIONS

Try to encourage them to become a coach-counselor, emphasizing the following:

- 1. Give your employees a chance to do their job with pride.
- 2. Make certain they know their job.
- 3. Make your employees feel important and contributing.
- 4. Take steps to reduce employee turnover.
- 5. Listen and learn from your employees.
- 6. Most accidents are the result of a chain of relatively unimportant situations.

As a safety inspector, your job is accident prevention in its broadest concept.

- 1. Apply your efforts to those areas most likely to prevent accidents.
- 2. Help, don't hinder, the profitability of the ride operation. A profitable ride operation is invariable a safer operation.

GENERAL GUIDELINES

OPERATOR SELECTION AND INSTRUCTION

1. Select competent, mature operators capable of understanding the function and use of amusement rides and their control.
2. Instruct each operator fully in the proper use and function of the ride he is to supervise, including:
 - A. Controls and procedures for normal and emergency operation.
 - B. Manufacturer's recommended maximum load.
 - C. Manufacturer's recommended length of ride time.
 - D. Any foreseeable misuse of the ride as determined by the manufacturer or owner, or by special conditions such as weather, location or crowds.
 - E. Each operator must have IMMEDIATE AVAILABILITY and a complete working knowledge of the manufacturer's operator's manual for the ride he supervises.
3. Require each operator to inspect the ride he supervises on each day of operation.
 - A. Determine that no portion of the ride is damaged, omitted or work in such a manner that it is unsafe or that may develop into an unsafe condition.
 - B. Report any irregularities to superintendent or owner.
 - C. Do not operate the ride if any irregularities are found until such condition is corrected.
4. Instruct the operator to allow no passenger to ride who is visibly ill or under the influence of drugs or alcohol.
5. Instruct operators and attendants on the proper methods of securing passengers in the ride. Do not allow a passenger in the ride who cannot be properly secured due to passenger size or because of malfunction of the securing device.
 - A. Stop the ride immediately if any passenger is observed tampering with any restraining device or behaving dangerously, such as standing up.
6. Advise the operator against starting or operating the ride while any person (passenger, spectator, or employee) is in an endangered or unsafe position on the ride or within the ride area.

7. Insist that each operator remain in full control of the operating controls during operation of the ride, and give his full attention to the ride and its passengers.
8. Instruct operator to allow no other person, other than another trained operator, to operate the controls of the ride.
9. Instruct operator and attendants fully as to the proper method of assembly and disassembly of portable rides. Supply adequate personnel and equipment to do this safely.
10. Instruct operator to inspect and correct or replace damaged, lost or worn parts that are unsafe or that may develop into unsafe parts simultaneously with assembly or disassembly.
11. Advise operator of owner/operator procedure for assisting ill or injured passengers.
12. Advise operator that factory-installed safety devices are not to be tampered with or removed.
13. Instruct operators and attendants that patrons are required to secure all loose articles such as keys, change, eye glasses, etc.
14. We recommend that every operator take a first aid course after their first season.

OPERATIONAL LOAD TESTING

Any operational test including load testing performed on a ride shall be completely nondestructive in nature. Overload testing exceeding the rated limits listed on the information plate, operation manual, field inspection guide or specifications sheet shall be deemed inappropriate. Where maximum total passenger weight is not readily available passenger capacity multiplied by 170 pounds per adult and/or 90 pounds per child may be used.

Nondestructive testing with inert loads can be accomplished only with special care as to placement of the load so that it is centered both vertically and horizontally as would be the load of the passenger it replaces. Extra seat reinforcement must be used to offset any load concentration created. Such tests shall be documented and certified as nondestructive by the person making the test and the agency requiring it. Results of all load tests shall be communicated to the factory upon completion by the Certifying Agency.

Conduction of a nondestructive operational load test assures the testing agency only that it will carry a given load in a given way at a given moment and in no way assures future safety of the ride.

Conducting a destructive load or overload test also assures the testing agency that it will carry a given load in a given way at a given moment and in no way assures future safety of the ride. However, it also introduces the probability of inflicting serious irreparable damage to the ride that may or may not be apparent at the time of the test.

We consider inert load testing of any nature appropriate only for situations requiring experimental development of stress-strain testing during prototype development. A certificate of load test on the prototype and certification that each production ride met the design criteria when it was manufactured is available from the factory upon request.

CARNYTOWN.COM

ASSOCIATIONS

ASTM, American Society for Testing and Materials, is a non-profit organization which, through the use of industry volunteer committees, sets the standards that manufacturers, operators and inspectors are urged to follow. WMI LTD. is a member of ASTM. If you as a ride owner are interested in working with the industry to set the standards, contact ASTM.

Venture has been very active in the American Recreational Equipment Association (AREA) since 1972.

Each January at a U.S. ride manufacturer's facility, AREA hosts its annual Maintenance and Safety Seminar. Participants include employees of traveling shows, amusement parks, and state and federal officials responsible for ride inspection and safety. The seminar includes five days of classes designed for every level of employee. Classes include electrical, hydraulics and pneumatics, welding, non-destructive testing, inspection techniques, the psychology of safety, truck driving, developing a safety program, developing a maintenance program, and training and evaluation of ride personnel. Venture is an active participant and strongly recommends that all ride owners, operators, and maintenance personnel attend the seminar annually. Contact AREA for exact dates, times and tuition.

For your convenience, below is a list of amusement-related associations, including addresses and phone numbers.

American Recreational Equipment Association (AREA)

P.O. Box 557

Delaware, OH 43015 (614) 363-9715

American Society for Testing and Materials

1916 Race Street

Philadelphia, PA 19103 (215) 299-5585

International Association of Amusement Parks and Attractions

4230 King Street

Alexandria, VA 22302 (703) 671-5800

International Independent Showmen's Foundation

P.O. Box 188

Gibsonton, FL 33534 (813) 677-9377

Outdoor Amusement Business Association (OABA)

4600 W. 77th Street

Minneapolis, MN 55435 (612) 831-4643

ATTN: Roger McKelvie

CRUISIN UMBRELLA

DESCRIPTION:

Youngsters get double the ride pleasure with the **CRUISIN UMBRELLA**. The center rotates, turning the monster 4X4 trucks and classic motorcycles. The kids love the feel of driving their very own truck or chopper just like the big kids.

"Good looking" are the words your customers will use when they see this ride on the midway. You're **CRUISIN UMBRELLA** has durable Lexan plastic motorcycle bodies for a touch of class, combined with the 4X4 monster trucks make it stand out in the crowd.

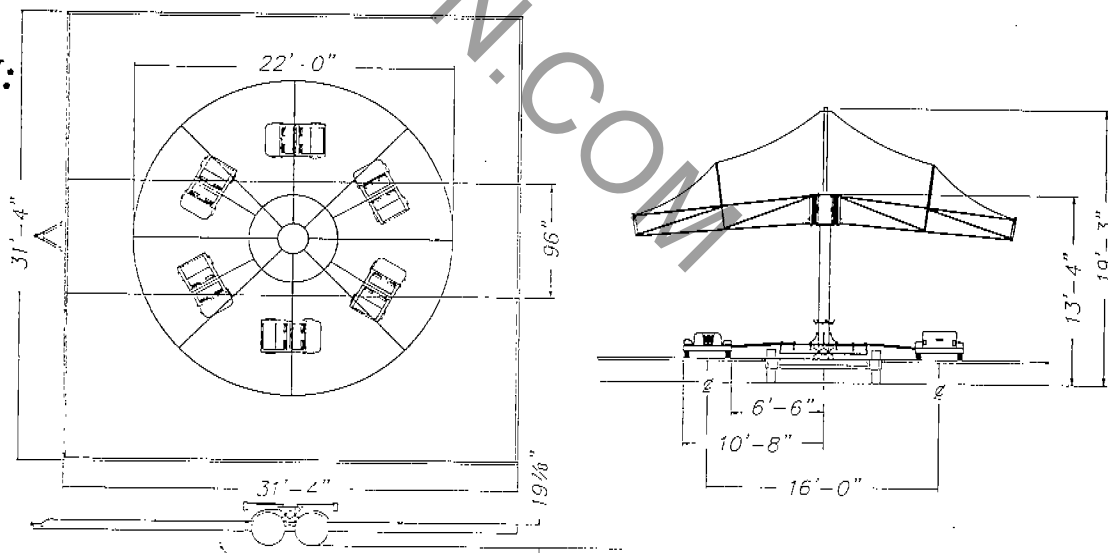
When you're ready to go down the road, the **CRUISIN UMBRELLA** racks easily and the 28' trailer is set to pull behind a pickup.

From one end to the other, the **CRUISIN UMBRELLA** is a super piece for any carnival!

SPECIFICATIONS:

DIMENSIONS		POWER REQUIREMENTS		CAPACITY	
Ride	31' long x 31' wide x 18' tall Sets up in 1½ hours with 2 men	Drive Unit	2 - 3 HP Drive Motor	Seating	3 - 4x4 Trucks; 4 kids each 6 - Motorcycles; 2 kids each
Trailer	28' long x 8'6" wide x 13'5" tall 15,000 pounds gross weight Tandem axle-electric brakes	Electrical	12 KW total 8 KW lighting	Hourly	960 Passengers @ 5 RPM

SET UP CONFIGURATION:



WISDOM INDUSTRIES, LTD.

PO Box 5000 Sterling, Colorado 80751
(970) 522-7515 Fax (970) 522-2902 Customer Service Hot Line 1-800-634-6097

Carnivals • Family Entertainment Centers • Parks • Malls