

THE WONDERFUL WORLD OF
INTERNATIONAL
AMUSEMENT
DEVICES, INC.

MFG: INTERNATIONAL
AMUSEMENT DEVICES
NAME: KIDDIE BOAT RIDE
TYPE: KIDDIE

OPERATIONS
and
MAINTENANCE MANUAL

Menagerie Kiddie Ride
Kiddie Boat Ride

CARNY TOWN.COM



"THE INTERNATIONAL GROUP"

P. O. Box 1320 • 155-157 Columbus Avenue • Sandusky, Ohio 44870 • (419) 627-8663 • TELEX 985370

KIDDIE MENAGERIE

Lubrication check point drawing # M-1312
Hydraulic and electrical schematic drawing # M-1311

KIDDIE BOAT RIDE

Lubrication check point drawing # KB-3205
Hydraulic and electrical schematic drawing # KB-3206

Recommended Lubricants:

Shell Tellus - Shell Hydraulic oil

Marpack grease - Texaco

Recommended Hydraulic Oil Equip.

BP - BP Energol HL 100
BP Energol HLP 100

Castrol - Castrol Hyspin 100
Castrol Hyspin AWS 68

Esso - Esstic 50
Nuto H 54

Mobil - VAC HLP 36
Mobil D.T.E. 26

Shell - Shell Tellus OEL 133 (HL 36)
Shell Tellus OEL 933 (HLP 36)
Shell Tellus Oil 33

Texaco - Rando Oil C
Rando Oil HD C

Design speed no more than 2 - 3 RPM.

RECEIVING & INSTALLATION

RECEIVING

Upon receipt of your new ride please inspect all parts for shipping damage and notify shipper and insurance company immediately of any damage. If any problems are found that will require extensive work or spare parts in excess of those normal spares shipped with the ride, advise I.A.D.I. immediately. Delays will cause purchaser added expense.

The ride has been extensively prepared for shipping to protect it from weather and shipping damage but shipper handling can damage these preparations.

Please store all spare parts and tools shipped with the ride in your spare parts warehouse after inspection, on shelving if possible.

Shipping damage can be claimed thru normal insurance channels and procedures but I.A.D.I. wants you to avoid problems requiring time delays for spare parts shipment.

INSTALLATION:

Written instructions for installation will be supplied with ride.

Supervision will be provided upon request at a per diem rate of \$250. plus travel and living expense, payable upon completion in total.

OPERATING INSTRUCTIONS

It is recommended that the daily setup and testing be accomplished prior to opening the ride for guest operation. To verify all functions are safely performed, proceed in the following manner:

VERIFY THE FOLLOWING:

- A. Daily maintenance and inspection has been performed and checklist signed off.
- B. No loose objects are located on the main arm, ride head, car sweeps or in the cars.
- C. No personnel are located in a position where ride will hazard their safety.
- D. No cables, tree limbs, power cords, trucks, etc. are positioned such as to impact the ride during its operation cycle.

DAILY STARTUP:

After verifying the above proceed as follows:

1. Proceed to main breaker and turn on.
2. Proceed back to control panel and insert key and turn to the "on" position. This will turn on hydraulic pump and can be heard as a smooth hum.

NOTE: If power will not come on, stop all operation until maintenance personnel

have corrected the problem.

3. Verify the hydraulic motor is "on".
4. Turn on the accessory lights, if ride is lighted,.

NOTE: If there are any bulbs out, refer to shutdown procedures and shutdown ride before leaving control panel to change bulbs.

5. Verify timer is set to correct ride cycle time.
6. Push "start" button.

NOTE: The ride will automatically complete one ride cycle and come to a stop. The ride cycle can be stopped at any time using the emergency stop button. Caution: if any problems arise, immediately press the EMERGENCY STOP button until the problem has been resolved.

7. Recycle the ride per step six (6) as directed by normal operating procedures.

SHUTDOWN:

Turn off lighting switch and verify that the lights are off (if ride is lighted).

Turn key to the "off" position and remove. Verify that the hydraulic pump motor is off.

Proceed to the main breaker and switch to the "off" position. Verify that lighting breaker is off (if ride is lighted).

GUEST OPERATION

Repeat steps 1 - 5 of daily startup and testing procedure and proceed as follows:

1. Allow correct number of guests to enter the fenced-in ride area and close entrance gate.
2. Verify guests are correctly seated and all safety devices are in proper position.
3. Verify that no one is in the fenced-in area who is not seated in the ride.
4. Give start signal (push start button) and allow ride to complete one cycle.

NOTE: Watch all ride functions and be prepared to use "EMERGENCY STOP BUTTON" if necessary.

5. When ride has stopped, unload guests in a safe manner.
6. Verify that all guests have left the ride and fenced-in ride area. CLOSE EXIT GATE.
7. Open entrance gate and repeat steps 1 - 6.

SERVICE INSTRUCTIONS AND CHECK LISTS

The following service instruction check lists are provided to outline maintenance procedures and provide retainable daily/weekly/yearly maintenance records.

It is highly recommended that copies of these sheets be provided to maintenance personnel for signoff and return to buyers maintenance record keeping function.

The daily sheets will provide an overall view of possible problems indicated by bolts loose or keys missing in one location repeatedly. If such an indication appears, the Chief of Maintenance should be notified for corrective action.

NOTE: International Amusement Devices, Inc. considers it mandatory that electrical/electronic, consoles/controls be serviced ONLY by authorized permanent maintenance personnel, as directed by the Chief of Maintenance ONLY.

Performed by _____

Date _____

DAILY MAINTENANCE RECORD

DATE _____

EQUIPMENT REQUIRED:

- A. Rags
- B. Set of open and box-end wrenches
- C. Grease gun with grease
- D. Approved hydraulic oil (as specified)

PERFORM THE FOLLOWING STEPS:

1. Completely clean ride being sure to remove all dirt, oil and excessive grease. Inspect for possible damage such as broken or in-operative retaining systems, broken or cracked fiberglass. Repair all problems prior to opening the ride for guest operations.

REPORT PROBLEMS:

2. Verify all nuts and bolts are tight. If a bolt is found to be loose, re-tighten per standard procedures.

REPORT LOCATION OF LOOSE BOLTS:

3. If applicable, verify that all cotter keys are present and correctly installed. If missing keys are noted, replace with correct size.

REPORT ALL FINDINGS:

4. If applicable, verify that all retaining clips are in place, closed and not bent or broken. Replace any missing, bent or broken clips.

REPORT FINDINGS:

5. Inspect all bearing surfaces for wear. If problems are discovered, take appropriate action.

REPORT FINDINGS:

6. Lubricate (grease) all zerk fittings (grease nipples) on the ride. Verify that all fittings are accepting grease as specified. Wipe excess grease from nipples. Replace any broken nipples and any nipples not accepting grease or not retaining grease.

REPORT FINDINGS:

7. Clean and lubricate the motor and gear assembly. Be sure to remove excessive grease and carefully inspect gear teeth. Remove all dirty grease and regrease teeth, with clean, dirt free grease as specified.

REPORT ANY PROBLEMS:

8. Inspect oil systems site gauges: refill if necessary. Check all hydraulic connections and verify no excessive leakage is present.

NOTE: If not able to maintain oil level in pump site gauge, REPORT IMMEDIATELY.

Report leakage problems and amount of oil required to refill the tank, and/or head.

REPORT FINDINGS:

9. Check that all light bulbs are operating, Remove and replace any broken or defective bulbs, on the control console.

REPORT FINDINGS:

10. If your ride is equipped with lights, check all electrical connections, car to arm lights, arm lights to main arm and verify correct. Report broken or cracked wires or connectors.

REPORT FINDINGS:

11. Check all facade and canvases for correct position and maintain tightness.

REPORT FINDINGS:

ACCEPTED BY _____

DATE _____

WEEKLY SERVICE INSTRUCTIONS

DATE _____

1. Repeat daily service instructions check list.

ALL ITEMS.

2. Verify that no more than 2 months have passed since last filter change.

If time above has elapsed, change filter.

NOTE: It is recommended that the filter be changed after the initial 2 weeks of operations and then at a maximum interval of 2 months.

NOTE: Filter change performed

DATE _____

REPORT FINDINGS:

ACCEPTED BY _____

DATE _____

PERFORMED BY _____

DATE _____

YEARLY SERVICE AND INSPECTION PROCEDURES

DATE _____

1. Perform daily service/maintenance
2. Perform weekly service instructions.
3. Remove and replace hydraulic oil in motor and tank. Allow oil to drain from all hoses, etc.

CAUTION: Be sure that pump(s) is operating correctly and oil is being pumped, so no damage will occur to pump.

4. It is highly recommended that during the off season or twice yearly (year round park operation) that all welds and bearing surfaces be inspected for cracks or possible problems using an inspecting method conforming to local standards (i.e. ultra-sonic, x-ray, etc.).

Please attach this report to the yearly inspection sheet and if any problems are discovered, contact I.A.D.I. via CERTIFIED MAIL.

ACCEPTED BY _____

DATE _____

I.A.D.I. Notification

Performed Date _____

Certified No. _____

PERFORMED BY _____

DATE _____