Mulligan
Gondola Wheel
Non Kiddie

RIDE SPECIFICATION SHEET:

MODEL NAME: "GONDOLA WHEEL"
MODEL NUMBER: 016398
SERIAL NUMBER: FLT. 6029-LL
CAPACITY: ADULTS 64 CHILDREN

THIS RIDE CONSISTS OF TWO SEMI TRAILERS

TRAILER NUMBER ONE: CENTER LOAD

LENGTH- 53 ft
HEIGHT- 13.6'
WEIGHT- 51,000.1bs.

THIS TRAILER IS BUILT WITH THE MAIN STRUCTURE FOR THIS GONDOLA WHEEL RIDE.

TRAILER NUMBER TWO: FLT 6090-LL

THIS TRAILER CONSISTS OF THE GONDOLA TUBS AND RIM IRON AND BONNETS.

ELECTRICAL POWER REQUIRMENTS

220 VOLTS- THREE PHASE

Michael,
This manual was in
Crown's file I thought
you might need it

Allan

SERVICE CHECKS

MULLIGAN GONDOLA WHEEL

( ) TUBS: pins installed, hand wheel positioned.

( ) BONNETS: seated fully, pins on each side.

( ) T-BARS: inspect to see that all pins and keys in place with no visible signs of wear.

( ) WHEEL SPOKES: check that all pins and keys in place. Visually inspect all members.

( ) HUB: check to see that hub wings are fully closed and pinned, and access door is closed and bolted.

( ) BOLTS: inspect all flange bolts for signs of wear and check to see that they are correctly torqued to 85-90ft/lbs.

( ) FLUID LEVELS: check and top off all fluids.

) ELECTRICAL: check wiring for signs of visible damage or wear.

( ) WINCHES: check winch mounts and inspect cable for fraying or wear.

( ) DRIVES: check hydraulic hoses for wear and see that tires are properly inflated to 70 psi.

( )PLATFORMS: check to see that all platforms and braces are correctly pinned and keyed.

( ) CONTROLS: check control lever linkage and cable for wear and correct adjustment.

( ) DRIVE TRACK: check to see that all track fasteners are in place and inspect alignment.

( ) OPERATION: run the ride through one full cycle to insure proper operation.

THESE CHECKS AND SERVICES SHOULD BE PERFORMED BY THE OPERATOR ON A DAILY BASIS.

operator

supervisor

SEA-RAY

Mulligan Engineering Inc
PO Box 898
Gibsonton, FL 33534
Phone (813) 677-5429 Fax (813) 677-2900

GONDOLA WHEEL

MULLIGAN GONDOLA WHEEL

START-UP PROCEDURE

1. TO BEGIN START-UP PROCEDURE GO TO GREY BOX MOUNTED ON FENCE :
2. TURN SWITCH TO "ON" POSITION :
3. PUSH HAND LEVER TOWARDS REAR OF RIDE IN A SLOW MANNERED MOTION UNTIL RIDE STARTS TO ROTATE :

CONTINUE TO PUSH HAND LEVER UNTIL YOU REACH FULL ROTATION (YOUR HAND LEVER WILL STOP WHEN YOU REACH WHEELS MAXIMUM SPEED OF ROTATION)

YOU MUST HOLD HAND LEVER WHILE RIDE IS IN OPERATION :

TO STOP :

1. SLOWLY RETURN HAND LEVER TO NEUTRAL POSITION, THE RIDE WILL BRAKE AUTOMATICALLY WHEN IT IS IN NEUTRAL POSITION :
2. IF NO MORE RIDES ARE TO BE GIVEN; TURN YOUR SWITCH TO "OFF" POSITION: THIS WILL STOP YOUR PUMP FROM RUNNING.

MULLIGAN GONDOLA WHEEL

EMERGENCY PROCEDURE

1. When you have loss of power first you need to ascertain if anyone is hurt
2. Next you need to have someone find out how long to restore power to ride
3. If power can be restored fairly quickly then try to keep passengers calm
4. Be sure to cut main circuit breaker off in panel on rear of ride
5. If power can not be restored in a short amount of time then you have to start manual unloading
6. First unload passengers out of bottom gondolas quickly and carefully
7. By doing this it will cause the ride to be off center on weight. Push the lever carefully toward rear of ride to loosen the hydraulic brake
8. Let ride turn till it stops on it's own.
9. Replace lever to neutral position. Have a couple of helpers hold wheel to help keep it from turning till the people are out of bottom gondolas

Repeat procedure till all gondolas are empty.

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
GOV W. AVERELL HARRIMAN
STATE OFFICE BUILDING CAMPUS
ALBANY, N Y 12240

PREPARE IN DUPLICATE

STATEMENT OF LOAD TEST FOR PASSENGER CARRYING AMUSEMENT DEVICE

1. TYPE OF AMUSEMENT DEVICE AND NAME DEVICE IS KNOWN BY
GONDOLA WHEEL

2. NAME AND ADDRESS OF OWNER OF THE DEVICE
CROWN AMUSEMENTS;INC. P.O.BOX 616 Bellville Mich. 48111

3. IDENTIFICATION NUMBER
FLT 6029-LL

4. DEVICE MANUFACTURER'S NAME AND ADDRESS
Mulligan Engineering;Inc.
P O.BOX 898
GIBSONTON; FL. 33534

5. NORMAL MAXIMUM SPEED

6. CARRYING CAPACITY
A. NUMBER OF PERSONS: 64 ADULTS
B. WEIGHT: 5i;000.

7. STATEMENT OF PERSON MAKING TEST

On _____ the undersigned conducted a load test of the amusement device described above, and such device satisfactorily withstood the test prescribed in Code Rule 45, without failure in any material respect.

a. Signature and title _____ (President)

b. Firm name and address Mulligan Engineering;Inc.
P.O.BOX 898 Gibsonton; Fl. 33534

c. Check appropriate box or boxes applying to signer

- [x] Manufacturer of device
- [ ] Insurance Carrier
- [ ] Professional Engineer

NOTE TO TESTER: Did a New York State Department of Labor Inspector witness the test described above?

- [ ] No
- [ ] Yes - Signature of Inspector _____ Date _____

*Forward original of this statement to the Program Manager, Industry Inspection Bureau, Division of Safety and Health, at the address above, and the duplicate to the owner of the device for his permanent record of test

DOSH-88 (2-89)

SEE REVERSE FOR EXTRACTS FROM INDUSTRIAL CODE RULE 45

CLIENT: Mulligan
Tampa, Florida

PROJECT NO. TSS-188

REPORT OF: Magnetic Particle and Ultrasonic Testing

PROJECT: SHAFT

DATE OF TESTING: JAN.20.1997

INSPECTOR: Albert Carr, Jr., C.W.I., ASNT Level II

STANDARDS: American Welding Society AWS D1.1-88
American Society for Testing and Materials -
Law Engineering Standard Operating Procedures

INSPECTION PROCEDURE: The shaft was visually observed and tested using magnetic particle and ultrasonic testing methods in accordance with the above referenced procedures.

813 - 677-5479

LAW ENGINEERING

INSPECTION REPORT

MULLIGAN

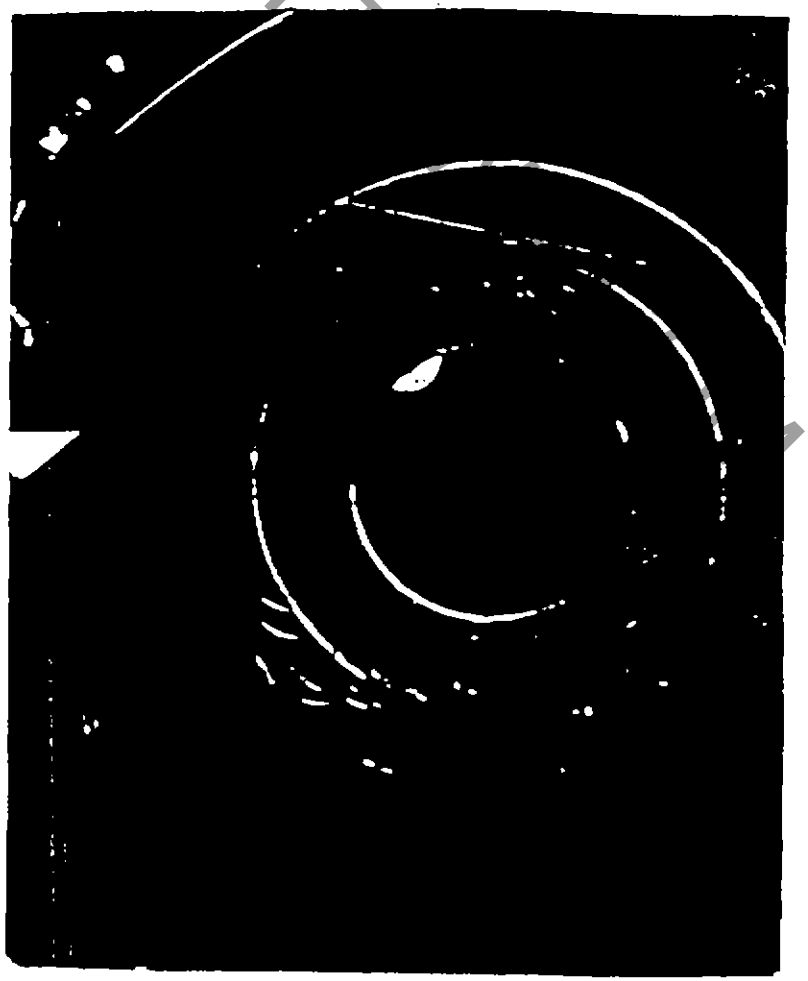
GONDOLA WHEEL MAIN SHAFT

DATE: 01/20/97

PROJECT NO. TSS-188

MODEL # 016398

SERIAL # F.L.T. 6029-LL



RESULTS OF TESTING

No indications were noted using the previously referenced testing methods.

Law Engineering appreciates the opportunity to be of continued service to you. If you have any questions concerning the information contained in this report, please contact our Tampa office.

Respectfully submitted,

LAW ENGINEERING

Albert Carr, C.W.I.
Senior Metals Technician

Eric K. Bigham, C.W.I.
Central & South Florida
NDE Department Manager

William R. Goodson, P.E.
Senior Materials Engineer
Registered Florida No. 37935

AC/EKB/WRG/mlg

Copies submitted: 1 - Addressee
1 - File

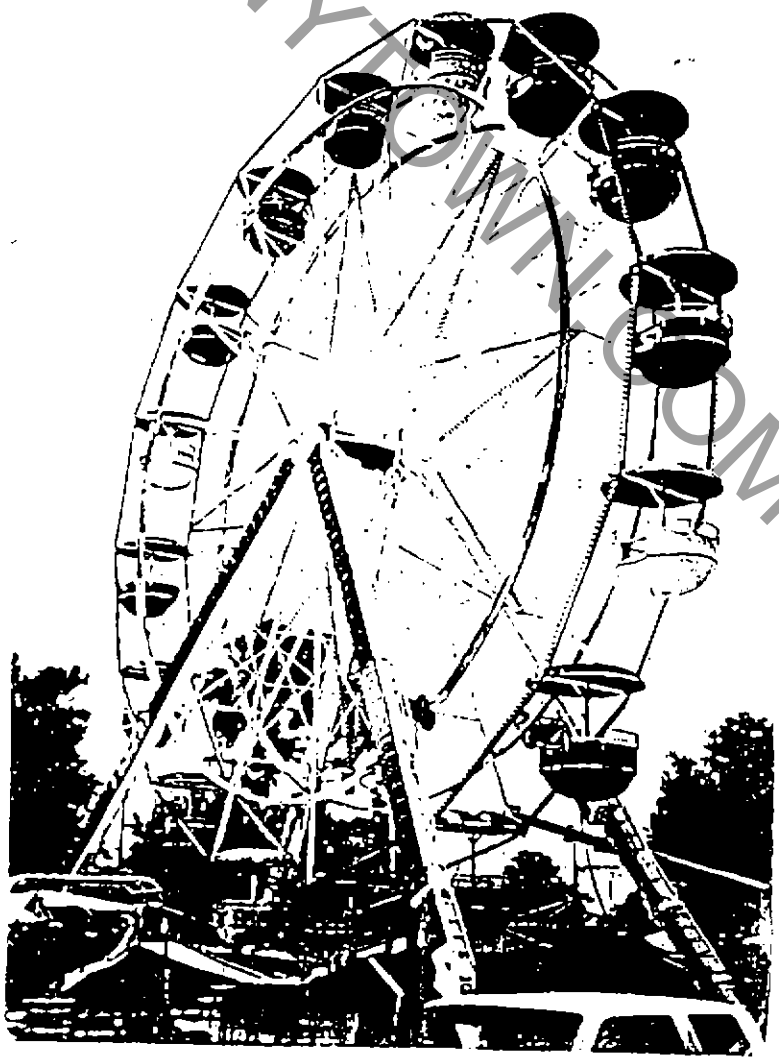
REPORT OF: MAXIMUM WEIGHT LOAD TEST

PROJECT: GONDOLA WHEEL LOADED OPERATING STRESS INSPECTION

DATE OF TESTING: JAN.20.1998

INSPECTION PROCEDURE: THE GONDOLA WHEEL WAS OPERATED AND INSPECTED UNDER FULL LOADED CONDITIONS.
LOADED CONDITIONS: MAX. CAPACITY 64 ADULTS @ 150 LBS

LOADED WEIGHT TESTED: 9600



INSPECTION REPORT

MULLIGAN

GONDOLA WHEEL LOAD TEST

DATE: 01/20/98

MODEL # 016398

SERIAL # FLT 6029-LL