

R. Thayer
Funni-Frite, Inc.
"Scooby Do (Alpine) F.H."
Kiddie

Scooby Do

KIDDIE

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ALPINE

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PORTABLE FUN HOUSE

OPERATION MANUAL

Product Model Number
WKT-153

FUNNI-FRITE, Inc.
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FUNNI-FRITE, INC.
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#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SPECIFICATIONS
SET UP AND OPERATING INSTRUCTIONS

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RIDE MODEL NUMBER: WKT-153

RIDE SERIAL NUMBER: WKT-153022

DATE OF MANUFACTURE: 9/90

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DIMENSIONS

	HEIGHT	WIDTH	LENGTH	WEIGHT
TRAILER:	13'-4"	100"	45'-0"	22000 #
STATIC:	26'-0"	15'-0"	66'-0"	22000 #
DYNAMIC:	26'-0"	15'-0"	66'-0"	30000 #

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OPERATING CAPACITY

MAXIMUM LOADING PER SQUARE FOOT: 175 POUNDS
MAXIMUM DYNAMIC LOADING PER SQUARE FOOT: 175 POUNDS
MAXIMUM TOTAL PASSENGER WEIGHT: 5000 POUNDS

DO NOT TO EXCEED 25 PERSONS AT ONE TIME INSIDE THIS ATTRACTION

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ELECTRICAL

SERVICE REQUIRED: 240 VAC, AC, 1 Phase POWER REQUIRED: 50 Amps at 240 Volts

POWER SUPPLY: 125' 8/4 SO CORD GROUNDING: Via Supply System, Green Wire

MINIMUM HORSEPOWER: ROLLING BARREL COME & GO SPINNER DISC AIR COMPRESSOR
 3/4 HP 3/4 HP 1/2 HP 2 HP

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#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SET UP AND OPERATING INSTRUCTIONS

PAGE 2

SET UP

1. Select a site for the operation of the attraction after first checking to be sure that this site 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 any other obstruction or structure which could be interpreted as hazardous to the operation of the attraction. Park the trailer in near level position on this approved site.
2. Block the trailer wheels for safety and remove the truck tractor.
3. Remove 4 braces from under the trailer and install them in the hitch and tail wing scenery. Re-install the safety R-keys of the proper size as delivered with the attraction in the braces. 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.
4. Unpin the support jack legs on the fold-down Come & Go floor. Lower the Come & Go Floor. It will automatically stop in the down position. Adjust the support legs to proper height and re-install the safety R-keys of the proper size as delivered with the attraction in the adjustment pins.
5. Unpin and remove the handrail from the Rolling Barrel exit deck. Install this rail in the Come & 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 of the proper size as delivered with the attraction in the adjustment pins.
6. Unpin and pullout two supports poles under the entry fold down deck.
7. Fold down the entry deck.
8. Install all stairs and handrails on the fun house. Re-install the safety R-keys of the proper size as delivered with the attraction in the stair attach pins.
9. 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 with the braces which are provided in racks on the roof and under the trailer. Re-install all safety R-keys of the proper size as delivered with the attraction in the braces.
10. 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.
11. 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.
12. Test all emergency lighting, exit signs and the smoke detection system.
SPRINKLER SYSTEM MUST BE CHARGED - PAGE 6
13. Lock all utility doors closed. Lock entry and exit doors in open position.
14. Complete all safety and maintenance schedules in this operation guide.

#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SET UP AND OPERATING INSTRUCTIONS

PAGE 3

PRESCRIBED OPERATING PROCEDURES AND LIMITATIONS

1. The attraction must be inspected as prescribed in this manual each day before opening to the public.
2. Enter and exit doors must be pinned or locked in the open position.
3. Each day before operating the attraction, check all stairs and handrails, floors and walls, fun house moving floors and other effects for hazards such as sharp edges, improper connections, cracked welds or damaged materials. Check each fastener within the attraction including S-hooks, chain links, bolts, nuts and other fasteners making certain each is securely fastened and in good condition. In a like manner, check all scenery braces, scenery, stairs and pins making certain that all R-key safety pins have been installed. *THE STORAGE OF ANY COMBUSTIBLE OR FLAMMABLE MATERIAL IN, ON OR UNDER THIS ATTRACTION IS STRICTLY PROHIBITED AND INCLUDES PAPER, WOOD, PLASTICS, FUELS, OILS AND ANY OTHER COMBUSTIBLE OR FLAMMABLE MATERIAL. THE OPERATOR MUST INSPECT TO SEE THAT NO SUCH STORAGE EXISTS DURING OPERATION.*
4. At all times of operation, an operator shall be in attendance at the "constantly attended location" which is that area that is within easy reach of the "Emergency Stop" switch located near the Rolling Barrel.
5. The operator of the attraction shall not permit anyone into or onto the attraction with food or drink or canes or prizes or anything else which would detract from their ability to negotiate the walkways with safety.
6. The operator of the attraction shall not permit anyone into or onto the attraction who is under the influence of alcohol or has on their person, lighted cigarettes or other smoking material.
7. The operator shall not permit running within the attraction or any misconduct which might lead to injury or assault.
8. The operator shall not permit more than three persons to be within the Rolling Barrel exit while it is revolving. If more do enter into the barrel, enter the operator shall stop the barrel using the Barrel Stop button. The operator shall not re-start the barrel until the barrel is cleared and it is not occupied by anyone.
9. The operator of the attraction shall not admit any person who has a disabling handicap of a nature that might make it difficult and/or dangerous for that person to negotiate the path of egress within the attraction.
10. The operator of the attraction shall not admit any person who is pregnant.
11. The operator of the attraction shall not admit or any person who is shorter than 42 inches tall, or anyone under the age of 6 years unless accompanied by a responsible adult.
12. The operator of the attraction shall not admit any person not wearing shoes which cover the bottom of the feet and the toes.

#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SET UP AND OPERATING INSTRUCTIONS

PAGE 4

MAINTENANCE

1. Lubricate the two idler wheels on the barrel support bed every three months. These are accessed from the underside at the barrel toward the hitch end of the trailer.
2. Lubricate the two pillow block bearings on the drive axle of the Rolling Barrel every three months. These are accessed through the access door on the tail end of the trailer.
3. Lubricate the two pillow block bearings on the Spinner Disk axle. One of these bearings is on the roof and the other is beneath the trailer. Lubricate every three months.
4. Check all stairs and handrails, floors and walls, fun house moving floors and other effects for hazards such as sharp edges, improper connections, cracked welds or damaged materials. Check each fastener within the attraction including S-hooks, chain links, bolts, nuts and all other fasteners making certain each is securely fastened and in good condition.
5. Before operation and before transporting this attraction on the highway, make a visual check of all braces, scenery, stairs and pins to make certain that all R-key safety pins have been installed.
6. Check oil level in air compressor each week and add Pennzoil 10W30 only. Change oil every 30 days during peak operation. Inspect the drive belt for wear and proper tension.

FASTENER SCHEDULE

ALL FASTENERS USED IN THE CONSTRUCTION OF THIS ATTRACTION ARE OF GRADE 5 OR BETTER. THE REPLACEMENT OF ANY FASTENER IN THIS ATTRACTION MUST BE OF LIKE QUALITY OR BETTER.

MOTION AND ENVIRONMENTAL RESTRICTIONS

MAX REVOLUTIONS PER MINUTE:

BARREL - 8 RPM
SPINNER - 15 RPM

DIRECTION OF TRAVEL:

BARREL - CCW FACING FROM OUTSIDE
SPINNER - N/A

MAX. FEET PER SECOND: N/A

RIDE DIRECTION: N/A

RECOMMENDED BALANCE OF LOADING: N/A

ENVIRONMENTAL RESTRICTIONS: N/A

#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SET UP AND OPERATING INSTRUCTIONS

PAGE 5

SAFETY SYSTEMS

This FUNNI-FRITE attraction is equipped with an approved smoke detection systems.

The system is coupled to various electrical devices for safety in case of smoke or fire.

If smoke is detected, the smoke detector head will sound an alarm.

If the smoke is detected for a period after the initial alarm, the Control system will be alerted.

All moving floors and the rolling barrel will be stopped.

The sound system will be shut off.

The emergency lighting will be turned on.

A piercing alarm will sound at the constantly manned operator station at the exit deck of the rolling barrel. This alarm is to alert the operator that smoke has been detected inside the ride.

Once the alarm system has been activated, the smoke head must be cleared of smoke and then the button marked "RESET" on the smoke alarm control must be depressed. All systems will then re-start when the operator returns to the constantly attended location and depresses the "start" button.

CAUTION: DO NOT ATTEMPT TO RESET THE SYSTEM UNTIL THE SOURCE OF THE SMOKE HAS BEEN IDENTIFIED AND CORRECTED AND YOU ARE ABSOLUTELY SURE THAT NO DANGER FROM FIRE EXISTS.

SYSTEM WILL NOT RESTART UNTIL IT HAS BEEN RESET AND IS NO LONGER IN "ALERT".

NOTICE: IF YOU DETERMINE THAT THE SMOKE IS BEING CREATED INSIDE OR UNDER THIS ATTRACTION, EVACUATE THE ATTRACTION IMMEDIATELY

EVACUATION PLAN: THE OPERATOR OF THE RIDE MUST ENTER THE RIDE AND GUIDE ALL PERSONS TO ONE OF THE TWO DOORS OF THE ATTRACTION. ASSIST THE EVACUATION IN AN ORDERLY FASHION WHILE TRYING NOT TO INCITE PANIC. WALK THE ENTIRE LENGTH OF THE ATTRACTION FROM THE ENTRANCE TO THE EXIT TO MAKE CERTAIN THAT ALL PERSONS HAVE EXITED. ALERT THE FIRE DEPARTMENT AND/OR OTHER AUTHORITIES.

In addition to the automatic system, a manual "EMERGENCY STOP BUTTON" has been supplied at the constantly manned operator station for manual shut-down of the floors, the Rolling Barrel and other effects. This switch also shuts off the sound system and turns on the emergency lighting.

The automatic system can be tested with a smoke emitting object such an ignited small piece of cardboard. The smoke must be heavy enough to be captured and retained by the smoke detection head. Slight amounts of ambient smoke or other particles will not activate the system.

#WKT-153 FUN HOUSE
"ALPINE - HAUFBRAU HAUS"
SET UP AND OPERATING INSTRUCTIONS

PAGE 6

FIRE SUPPRESSION SYSTEM

WKT-150 SERIES FUNNI-FRITE WALK-THRU ATTRACTIONS ARE GENERALLY CONSIDERED TO BE "IN THE OPEN AIR" AND A FIRE SUPPRESSION SPRINKLER SYSTEM SHOULD NOT BE REQUIRED. WE DO OFFER AN APPROVED SYSTEM IN THESE ATTRACTIONS AS AN OPTION IF THE REGULATING AUTHORITY IN YOUR AREA REQUIRES THE INSTALLATION. IF THIS SYSTEM HAS BEEN INSTALLED IN THIS ATTRACTION, IT IS YOUR DUTY TO MAINTAIN THE SYSTEM IN PROPER WORKING ORDER.

THE SYSTEM WORKS ON AIR PRESSURE OVER WATER. THE TOP TANK IS THE "AIR PRESSURE VESSEL". THE LARGE BOTTOM TANK IS THE "WATER SUPPLY" VESSEL.

TO LOAD THE WATER INTO THE SYSTEM:

1. TURN VALVE MARKED "AIR PRESSURE" OFF
2. OPEN PET COCK ON TANK MARKED "FILL" TO BLEED AIR PRESSURE FROM TANK
3. OPEN BLEED PET COCK ON THE END OF THE TRUNK LINE IN THE TRICK ROOM
4. CONNECT GARDEN HOSE TO HOSE FITTING, OPEN VALVE AND FILL LINES AND TANK
5. CLOSE BLEED VALVE AT THE END OF THE TRUNK LINE WHEN LINES ARE FULL
6. TURN WATER VALVE OFF WHEN WATER REACHES LEVEL OF "FILL" PET COCK
7. CLOSE PET COCK ON TOP OF TANK MARKED "FILL"
8. WITH AIR COMPRESSOR RUNNING, OPEN AIR PRESSURE SUPPLY VALVE TO CHARGE SYSTEM

THE AIR PRESSURE GAUGE WILL READ THE PRESSURE SUPPLIED BY THE COMPRESSOR

THE WATER PRESSURE GAUGE WILL READ PRESSURE IN THE SYSTEM AT FACTORY SETTING

A CHECK VALVE IN THE SYSTEM WILL MAINTAIN PRESSURE IN THE SYSTEM EVEN IN THE EVENT OF COMPRESSOR OR AIR LINE FAILURE

IF THE AIR PRESSURE IN THE SYSTEM DROPS BELOW A SAFE OPERATING PRESSURE, THE ALARM BELL WILL RING AND ALL MOVING FLOORS AND THE ROLLING BARREL WILL BE STOPPED. THE SOUND SYSTEM WILL BE SHUT OFF. THE EMERGENCY LIGHTING WILL BE TURNED ON.

IF THE WATER LEVEL IN THE SYSTEM DROPS BELOW A SAFE OPERATING LEVEL, THE ALARM BELL WILL RING AND ALL MOVING FLOORS AND THE ROLLING BARREL WILL BE STOPPED. THE SOUND SYSTEM WILL BE SHUT OFF. THE EMERGENCY LIGHTING WILL BE TURNED ON.

IN TEMPERATURES BELOW 32 DEGREES FAHRENHEIT (0 DEGREES CELSIUS), THE SYSTEM MUST BE CLEARED OF WATER AND A 75% GLYCOL - 25% WATER MIXTURE USING ONLY EDIBLE (U.S.P.) GLYCOL MUST BE INSTALLED IN THE SYSTEM.