



Ministry of  
Consumer and  
Commercial  
Relations

Technical  
Standards  
Division

Amusement  
Devices  
Branch

3300 Bloor St. W. 3rd Floor  
Etobicoke, Ontario, M8X 2X4  
(416) 239-7361

MFG: MOLINA & SONS  
RIDE: AUTO BAHN  
**APPLICATION**

**For Filing of a Technical Dossier**  
under the Amusement Devices Act, 1986  
Section 7 of O. Regulation 87

Guidelines are on the reverse side of this form

Technical Dossier	10	Submitter (name and address)	CONKLIN & GARRETT LIMITED P.O. BOX 31 6 EDMONDSON STREET, BRANTFORD, ONTARIO N3T 5M3	11	Licence Number	ADL0301RG
	12	Type of Technical Dossier	EXISTING AMUSEMENT DEVICE	13	Device Registration Number	
	14	Amusement Device Type	KIDDIE MUSIC RIDE	17	Amusement Device Class	D
	16	Licencee's Name for this Device	AUTO BAHN	19	Any Variances Requested	
	18	Amusement Device Address	VARIOUS			

Professional Engineer	24	Name of Engineer (who sealed Specification)	N/A	25	Engineer's Employer (state - Submitter, specify if other)	N/A
	26	Engineer's Address (State - Submitter's specify if other)	N/A			

Filing Fee	31	The fee for filing of the technical dossier payable to the Treasurer of Ontario is attached. (see guidelines)	\$ 100.00
			C+G Chq # 14161

Submitter's Statement	33	The undersigned attests on behalf of the company that he/she will ensure that the amusement device will be erected, dismantled, operated and maintained in accordance with the technical dossier and the Amusement Devices Act.				
	34	Official Capacity in Company	SAFETY OFFICER	35	Name	KENNETH SMITH
	36	Date	MARCH 12, 1988	37	Signature	<i>Kenneth Smith</i>

▼ For Ministry Use Only ▼

### Notice of Filing

40	This technical dossier has been filed under number allocated in item 41 subject to the following condition:	41	Filed Number *
			*must be quoted on future correspondence
		42	Filed Stamp

*Ewd to H. Tuckstra 17/03/88*



# Specification Sheet

## For Amusement Devices

Under the *Amusement Devices Act, 1986*. — Section 7 of O. Regulation 342/87

Guidelines are on the reverse side of the forms

For Ministry Use Only			
Filed Number			District Number
Inspector's Name			Number
Inspection Date(s)	D	M	Y

General	10 Submitter name and address	CONKLIN & GARRETT LIMITED P.O. BOX 31 6 EDMONDSON STREET, BRANTFORD, ONTARIO N3T 5M3		11 Licence number	ADL0301RG	
	12 Type of technical dossier	EXISTING AMUSEMENT DEVICE		13 Device registration number		
	14 Amusement device type	KIDDIE MUSIC RIDE (Circular)				
Manufacturer	16 Licensee's name for this device	AUTO BAHN		17 Amusement device class	D	
	18 Amusement device address	VARIOUS				
	21 Manufacturer's (brand) name for this AD model	AUTO BAHN	22 Model designation	Ground	23 Serial number (Z10.1.4.2c)	G083-01
Description of Amusement Device	24 Manufacturer's (Z10.1.4.2c)	Baschiff Mfg. ( Now Moline & Sons )		25 This AD made in year (Z10.1.4.2c)	1955	
	1. Name					
	2. Address	3352 N.W. South River Drive, Miami, Florida 33142				
Capacity and Speed	31 Brief description of the amusement device	CIRCULAR RIDE WITH 12 CARS ATTACHED TO SWEEPS THAT PIN TO CENTRE PIECE. THERE ARE SEVEN 3 HP ELECTRIC MOTORS AT THE END OF SEVEN SWEEPS THAT DRIVE RUBBER ROLLERS ON A RIM RAIL BY MEANS OF CHAINS AND SPROCKETS				
	32 Maximum tilt and height of Passenger Carrying Unit (PCU)	<p>1. <math>\alpha</math> max 0 °</p> <p>2. <math>\beta</math> max 0 °</p> <p>3. h max 30 mm m</p>				
	33 Designated as fixed or portable	Portable	34 If portable, is it trailer mounted	No	35 To be used as fixed or portable	Portable
	37 Supporting structure made of	1. Wood <input type="checkbox"/>	2. Steel <input checked="" type="checkbox"/>	3. Specify if other	38 Darkness is a feature?	N/A
	41 Type of passengers	1. Adult and Children <input type="checkbox"/>	2. Adults only <input type="checkbox"/>	3. Children only <input checked="" type="checkbox"/>	4. Passenger's height restrictions	more <input type="checkbox"/> less <input type="checkbox"/> than <input type="checkbox"/> mm
Capacity and Speed	42 Type of passenger carrying unit	Car		43 Persons per PCU maximum	3	
	44 Number of passenger carrying units	1. Maximum 12	45 Operation of passenger carrying units	1. Operated Individually <input type="checkbox"/>	3. Fixed In trains <input type="checkbox"/>	
		2. Rated 12	2. Fixed part of AD <input checked="" type="checkbox"/>	4. Number of PCU per train		
	47 Maximum speed of passenger carrying unit	1. Designed 12	46 Number of trains	1. Maximum N/A	2. Rated	
	2. Rated 12	48 Maximum acceleration measured in gravity (g. forces)	1. Accel.	3 mins.	g	
		49 Maximum rate of change of acceleration	2. Duration		s	

Drive	51 Main motor	1. Power source voltage 208 / 240 v 3ph	2. Open bus bars? No	3. Motor output (nameplate) kw
	52 Power transmission from main motor to passenger carrying unit	2 speed motor control		
	53 Auxiliary motors	1. Function N / A	2. Voltage (V)	3. Output (kW)

Safety and Clearances	61 Passenger maintained in PCU by	1. Containing device <input type="checkbox"/>	2. Restraining device <input checked="" type="checkbox"/>	3. Deep Well <input type="checkbox"/>	4. Enclosure <input type="checkbox"/>	5. None <input type="checkbox"/>				
	62 Type of device checked in:	1. Shoulder harness <input type="checkbox"/>	2. Safety belt <input checked="" type="checkbox"/>	3. Lap bar <input type="checkbox"/>	4. Lap rope/chain <input type="checkbox"/>	5. Low gate <input type="checkbox"/>	6. Full height gate <input type="checkbox"/>			
	63 Locking of device checked in 62 is controlled by	1. Attendant visually <input type="checkbox"/>	2. Attendant mechanically <input checked="" type="checkbox"/>	3. Operator visually <input type="checkbox"/>	4. Passenger <input type="checkbox"/>	5. Other <input type="checkbox"/>	64 Device checked in 62 is released by			
	65 Is device in 62 interlocked with drive	No					1. Passenger <input type="checkbox"/>	2. Attendant <input checked="" type="checkbox"/>	3. Automatically <input type="checkbox"/>	4. Operator <input type="checkbox"/>
66 Life Preservers (Z6.4.4.2)	N/A									
67 Fencing (R.23)	1. To be provided Yes	2. Height 24 in. m	3. Location Attached to platform							
4. Construction Steel			integral part of AD							
68 Clearances from Passenger Carrying Unit (PCU):										

Operation	71 Operating restrictions	1. Maximum wind speed (R7(2)) N/A km/h	2. Minimum water depth (R6(7)) N/A m
	72 Minimum number of (R9 & 69)	1. Operators 1	2. Attendants 1

Standards Applied	81 Safety Code for Amusement Rides CSA Z267-M1983 (R.26)	1. Applied fully <input checked="" type="checkbox"/>	2. N/A to this AD <input type="checkbox"/>	3. Applied with variances described in 91 <input type="checkbox"/>	82 Any other AD code or standard applied?	
	83	1 Additional applied standards (for other than existing AD)	2 Yes/No N/A	3 Alternate Standard	4 Recognized by Director	84 STATEMENT Re: Alternate Standards Not Recognized by Director 1. Statement I certify that alternate standards, listed in column 3 of Item 83 and identified in column 4 as not having been recognized by the Director, contain requirements for material properties, design procedures, quality control, overall strength and features that are similar to the requirements of the corresponding standards listed in column 1, as applicable to safety.  2. The statement not applicable <input type="checkbox"/>  P. ENG's stamp and signature
	a	Welded Steel Construction CSA W59-M1984 (R.15)				
	b	Certification of Companies for Fusion Welding CSA W47.1-1983 (R.15)				
	c	Boiler, Pressure Vessel and Pressure Piping Code CSA B51-M1986 (R.15)				
	d	Structural Loads & Procedures OBC Section 4.1 (R.16.1)				
	e	Foundations OBC Section 4.2 (R.16.2)				
	f	Engineering Design in Wood CAN3-086-M84				
	g	Steel Structures for Buildings CAN3-S16.1M84				
	h	Cold Formed Steel Structural Members CAN3-S136-M84				
i	Strength Design in Aluminum CAN3-S157-M83					
j	Hydraulic Hose SAE J517 JUN85 (R.18(b))					
k	Canadian Electrical Code Part 1 CSA C22.1-1982 (Z.8.1)					

91 VARIANCES FROM THE REGULATIONS AND STANDARDS (Act 18 (4))

N / A

**AD History — Past 7 Years** (not applicable to newly made devices)

101 Name of past owners, area of usage and frequency of usage during past seven years  
 PURCHASED FROM B.A. SCHIFF MFG. 1956. AS SPACE CHASER. CONVERTED TO AUTO BAHN BY CONKLIN IN 1983. PRIOR TO 1983 WAS USED IN ONTARIO AVERAGE OF 30 DAYS A YEAR. FROM 1983 HAS BEEN USED IN FLORIDA, NEW YORK, ALABAMA ONTARIO, MANITOBA, SASKATCHEWAN, ALBERTA AVERAGE 150 DAYS PER YEAR.

104 Any significant alteration change or modification during past 7 years  
 1983 CHANGED BUCKERT - PLATFORMS - SCENERY - ADDITIONAL DRIVE MOTORS

105 Any fatality or serious accident during past 7 years  
 None

106 Numbers and dates of manufacturer's bulletins received  
 None

**Documents in this Technical Dossier**

111 List of documents attached (for other than EXISTING AD)	(a) Drawing or Page Number
1. Site Layout (R7(2)b)	
2. General arrangement (R7(2)c)	
3. Containing/Restraining devices (R7(2)d)	
4. Erection instructions (R7(2)e)	
5. Dismantling instructions (R7(2)f)	
6. Operational instructions (R7(2)g)	
7. Maintenance manual including electrical/hydraulic schematics (R7(2)h)	
8. Prototype or field test reports (R7(2)i)	
9. (R7(2)j)	
10.	
112 All above documents are sealed and signed by a professional engineer (R7(2)k)	1. yes <input type="checkbox"/> 2. no <input type="checkbox"/>

**Documents in this Dossier or Available**

113 List of documents including drawing or page numbers (FOR EXISTING AD only)	(a) Available upon request	(b) Attached in this dossier
1. Site layout (not mandatory)	*	
2. General arrangement (not mandatory)	*	
3. Containing/restraining devices (not mandatory)	*	
4. Erection instructions (for Itinerant AD only R.7(4)b)	*	*
5. Dismantling instructions (for Itinerant AD only R.7(4)b)	*	*
6. Operational instructions (R.7(4)b)	*	*
7. Maintenance manual including electrical/hydraulic schematics (R.7(4)b)	*	*
8. Prototype or field tests (not mandatory)	None	
114 Documents marked "*" above as not attached, are however available upon request. These documents:		
1. Form part of the Manufacturer's manual printed under	11. Number	12. Date
2. Are compiled specifically for this AD by	21. Name Ken Smith	22. Date Feb. 23/88

**Statement by P. Eng.**

120 PROFESSIONAL ENGINEER'S STATEMENT (For 'NEW' AD only (R7(2)l))

This amusement device has been designed, manufactured and constructed in conformance with standards listed in Item 81 above. The whole design of the amusement device, including parts and features not specifically identified in this and attached documents, and all procedures and instructions laid down in this dossier are in compliance with the Amusement Devices Act, 1986 and O. Regulation 342/87, except for variances described in Item 91 above.

122 P. ENG. Stamp, Signature & Date

121 Is any Qualifying Amendment to this Statement Attached? YES   
NO

**Statement by Licensee**

130 STATEMENT BY THE LICENSEE (see Item 10) (for 'EXISTING' AD only (R7(4)(c)))

This amusement device including parts and features not specifically identified in this technical dossier, and also procedures and instructions laid out in documents listed in Item 113 above (as being available or attached) are in compliance with the Amusement Devices Act, 1986 and O. Regulation 342/87, except for variances described in Item 91 above.

131 Date  
March 12, 1988

132 Signator's Name  
Kenneth Smith

133 Position with Licensee's Company  
Safety Officer

134 Signature  
*Kenneth Smith*

TRACK DIA - 34

7

3 hp MOTOR  
SPROCKET CHAIN  
EXT DRIVE

EXIT

LONG CROSS BRACE

SHORT CROSS BRACE

BEAMS

CENTRE

PLATFORM

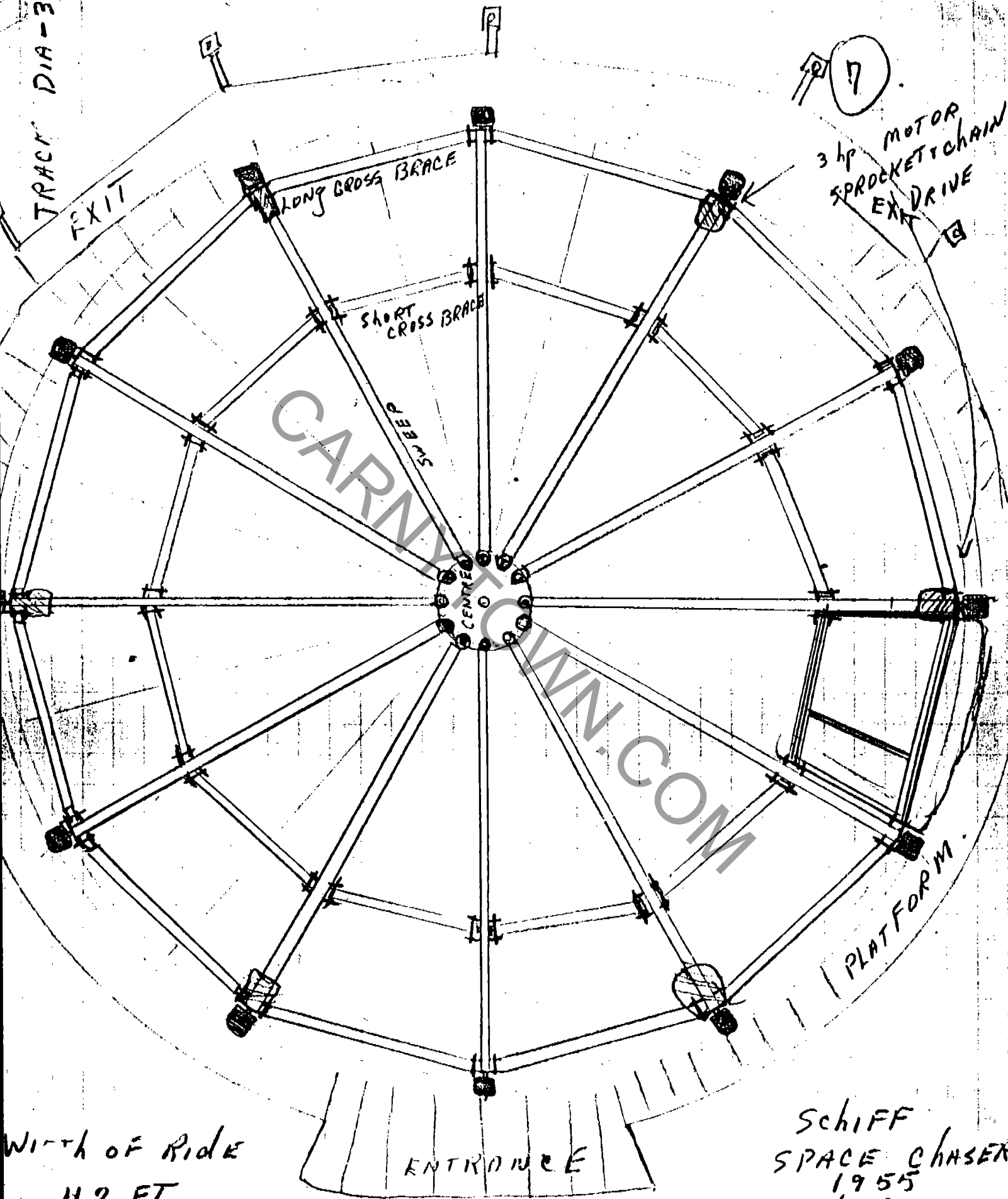
Width of Ride  
42 FT

ENTRANCE

SCHIFF  
SPACE CHASER  
1955

CONVERTED BY CYG

AUTO-BAHN 1983-84



TRACK DIA - 34

EXIT

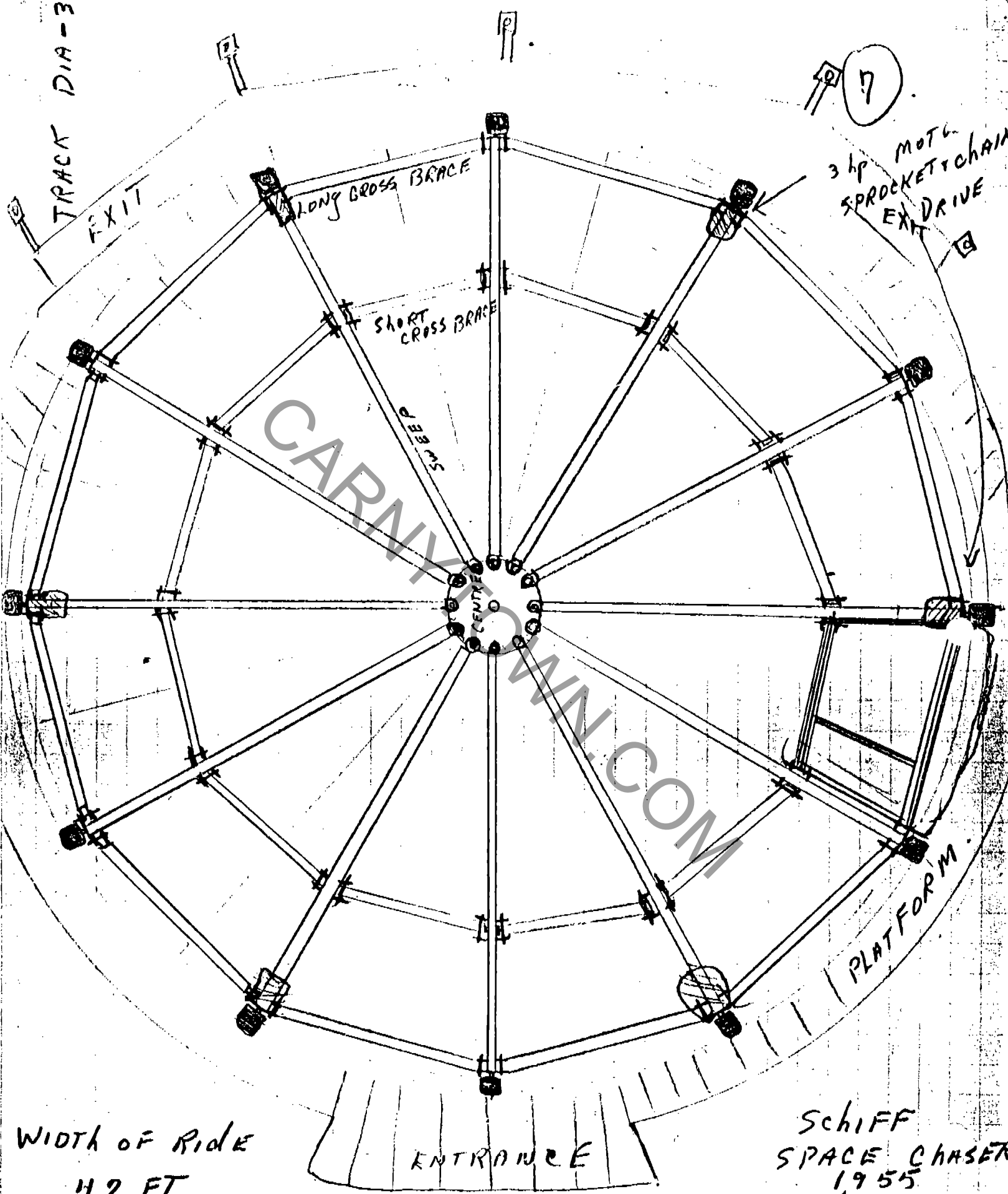
3 hp MOT. SPROCKET CHAIN EXIT DRIVE

PLATFORM

WIDTH OF RIDE  
42 FT

ENTRANCE

SCHIFF  
SPACE CHASER  
1955  
CONVERTED BY C+G  
AUTO-BAHN 1983-84



SPACE CHASER

# SPECIFICATIONS

CONVERTED BY  
CONKLIN GARRETT  
1983-84 TO  
AUTO-1346N

AGE Purchased used 1956

DIMENSIONS: DEPTH SET UP DIA: 42' 34' WIDTH

HEIGHT WEIGHT

SET-UP TIME: EXPERIENCED PERSONNEL 3 hours

IN-EXPERIENCED PERSONNEL

NUMBER OF PERSONNEL FOR: SET-UP 3 OPERATING 2

NUMBER OF BUCKETS/CARS 12 buckets

CAPACITY 36 24 children LOADING TIME 1 minute

POWER SUPPLY 7 ELECTRIC MOTOR 3 phase 3 hp

ELECTRIC VOLTAGE REQUIRED 220 v AMPS REQUIRED

## TRANSPORTATION

1- 16' straight job.

CARVINYTOWN.COM

TECHNICAL DATA

Size	<u>42' diameter</u>	Length	<u>          </u>	Other	<u>          </u>
Frontage	<u>42'</u>	Height	<u>14'</u>		<u>          </u>
Depth	<u>37'</u>	Weight	<u>18,000lbs</u>		<u>          </u>

Capacity 42 children  
Est hrly Capacity 800 hrly

ELECTRICAL REQUIREMENTS

Light	<u>          </u>	Other	<u>          </u>
Drive	<u>Electric</u>		<u>          </u>
R.P.M.s	<u>11</u>		
Total Power (amps)	<u>          </u>		
Power Required	<u>5 HP</u>		

Estimated Set up time	<u>4 hrs</u>
Estimated tear down time	<u>2.5 hrs</u>
Estimated men required	<u>2 - 3</u>

NAME OF RIDE

AUTOBAHN

FORMER NAME

Kiddie Himalaya

CONKLIN I.D. #

\_\_\_\_\_

CATEGORY

Spectacular \_\_\_\_\_

Major \_\_\_\_\_

Kiddie \_\_\_\_\_

X

Funhouse \_\_\_\_\_

HISTORY

Year Purchased \_\_\_\_\_

Purchased from

Homemade: Conklin

Amount \_\_\_\_\_

built with Schiff

Improvement \_\_\_\_\_

Space Chaser Base

Duty \_\_\_\_\_

Sales Tax \_\_\_\_\_

Address: \_\_\_\_\_

Miscellaneous \_\_\_\_\_

TOTAL COST \_\_\_\_\_

Manufacturer

Conklin Built

Year Manufactured

1984

Mfg Serial Number(s) \_\_\_\_\_

Model Number \_\_\_\_\_

VEHICLES WITH RIDE

Trailer Intrical part of Ride

Yes \_\_\_\_\_

No \_\_\_\_\_

X

Trailer Number(s)

Ref #264

Lgth

26'

Ht

12'6"

Wt

5,000 lbs

Width

8'

Loaded trailer(s) weight

23,000 lbs

Trailer(s) mounted \_\_\_\_\_

Custom Clearance

YES \_\_\_\_\_

NO \_\_\_\_\_