

# **JUNIOR GRAND PRIX**

- \* Single seat Kiddie Car for  
for ages 5-10 years old
- \* Honda 5 horsepower 4 stroke  
motor with gear  
reduction clutch
- \* Top speed of about 9 mph
- \* Sturdy construction with spring  
steel bumper all around body
- \* Uses unleaded gas
- \* Easily adjustable speed control
- \* Single pedal operation
- \* Safe and easy to control
- \* Disk brake operates when  
throttle is released



Upon placement of order, a 50% deposit is required payable in U.S. funds.

All prices are F.O.B. Mattawan, Michigan U.S.A.

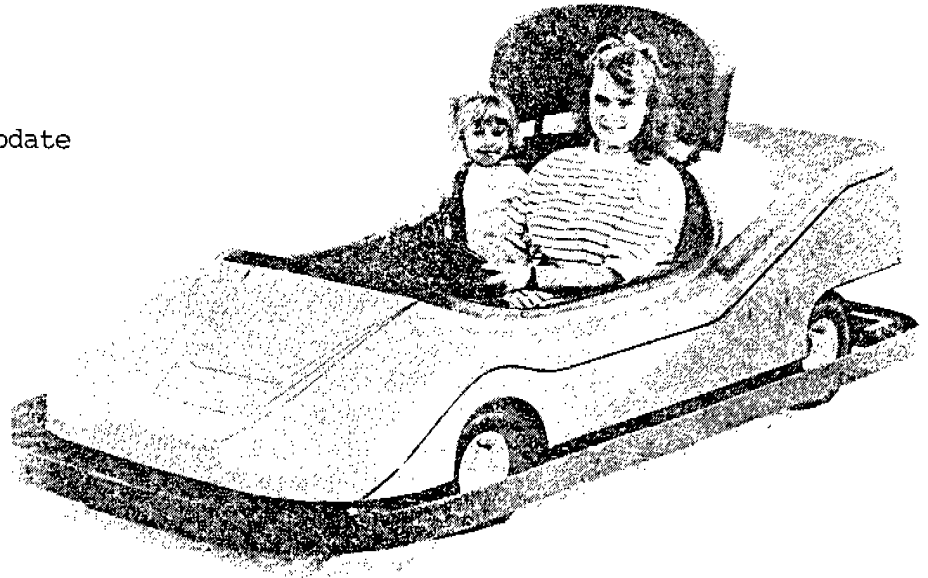
Track design and facility layout consultation are available.

## **FORMULA K RACEWAYS, INC.**

54358 North Main St. • P.O. Box 445 • Mattawan, MI 49071 • (616) 668-2002

# FORMULA K 2-SEAT GO-KART

- \* 1 piece reinforced fiberglass body
- \* Tapered roller bearing hubs
- \* Padded roll bar for neck protection
- \* Enlarged cockpit to accommodate small child
- \* Needle bearing spindles
- \* Stamped steel wheels
- \* Super quiet muffler
- \* Triple V belt or Cog belt drive system
- \* 1 or 2 wheel drive option
- \* Extra large brake pedal
- \* Padded round steering wheel
- \* Sliding motor mount for easy belt adjustment
- \* One step body removal for easy servicing and cleaning
- \* Wraparound spring steel bumper for added body protection
- \* 1½" 11 ga. square tube construction
- \* Honda GX140 5 horse power motor
- \* 1144 Stressproof axle 1" diameter keyed
- \* Extremely low center of gravity to prevent Kart from rolling over
- \* 4.5 Gallon long range fuel tank--Option



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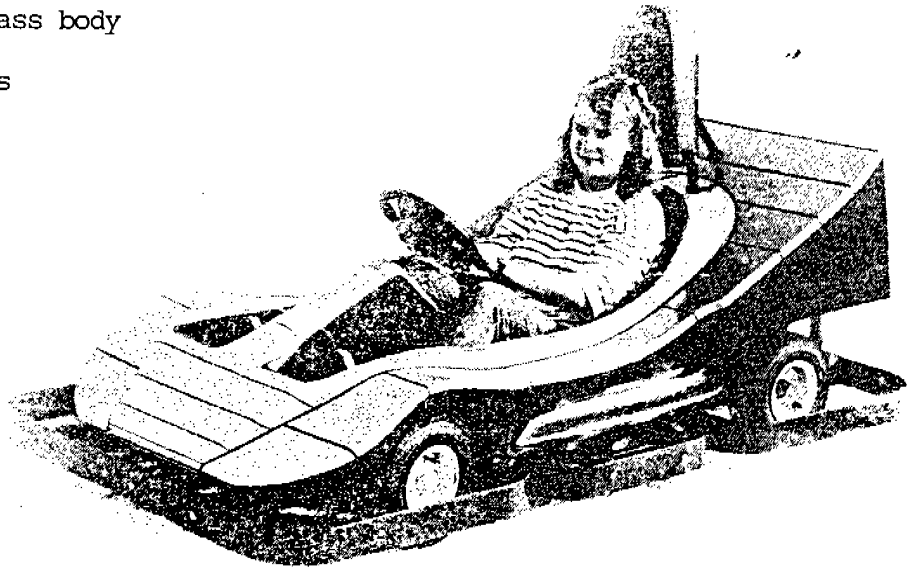
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**FORMULA K RACEWAYS, INC.**

54358 North Main St. • P.O. Box 445 • Mattawan, MI 49071 • (616) 668-2002

# SLICK TRAC CAR

- \* 1 Piece reinforced fiberglass body
- \* Tapered roller bearing hubs
- \* Padded roll bar for neck protection
- \* Needle bearing spindles
- \* Stamped steel wheels
- \* Super quiet muffler
- \* Triple V belt or Cog belt drive system
- \* 1 or 2 wheel drive option
- \* Padded round steering wheel
- \* Sliding motor mount for easy belt adjustment
- \* Wraparound spring steel bumper for added body protection
- \* 2" x 1" 11 ga. square tube construction
- \* Honda GX140 5 horsepower motor
- \* 1144 Stressproof axle 1" diameter keyed
- \* Extremely low center of gravity to prevent Kart from rolling over
- \* Heavy duty pillow block axle mount
- \* Assembled with Ny-Loc nuts and bolts
- \* All American made



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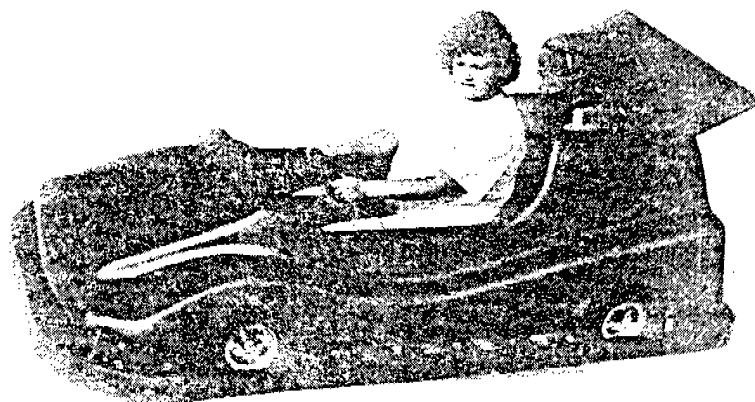
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# FORMULA K GO-KART

- \* 1 piece reinforced fiberglass body
- \* Tapered roller bearing hubs
- \* Padded chrome roll bar for neck protection
- \* Needle bearing spindles
- \* Stamped steel wheels
- \* Super quiet muffler
- \* Triple V belt or Cog belt drive system
- \* 1 or 2 Wheel drive Option
- \* Extra large brake pedal
- \* Padded round steering wheel
- \* Sliding motor mount for easy belt adjustment
- \* One step body removal for easy servicing and cleaning
- \* Wraparound spring steel bumper for added body protection
- \* 1½" 11 ga. square tube construction
- \* Honda GX140 5 horsepower motor
- \* 1144 Stressproof axle 1" diameter keyed
- \* Extremely low center of gravity to prevent Kart from rolling over
- \* 4.5 Gallon long range fuel tank--Option



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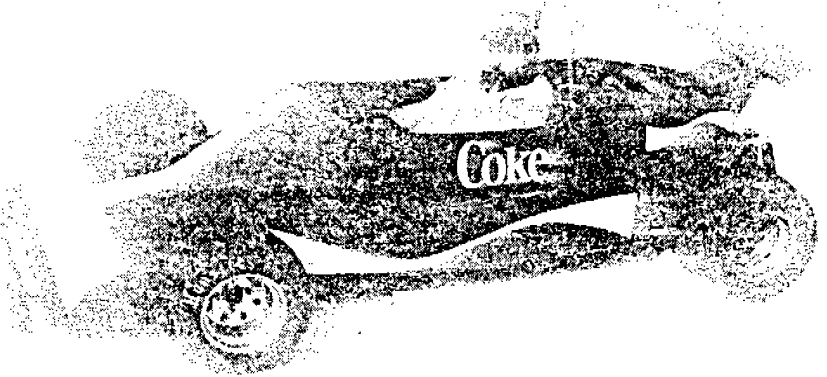
## FORMULA K RACEWAYS, INC.

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# GRAND PRIX CAR

## \* Dimensions:

Length.....124"  
Weight.....650 lbs.  
(less fuel & driver)  
Wheel Base.....76"  
Track Front.....50"  
Track Rear.....48"  
Overall.....59:5"  
Height of Cockpit.....19:5"  
Overall Height.....40"  
Width at Cockpit.....38"  
Ground Clearance.....3.5"



\*Engine is Two Cylinder/two  
cycle fan cooled  
38 horsepower  
or  
Two Cylinder; Overhead Valve  
16 horsepower Vanguard  
motor

\*Transmission is Comet Torque  
Sensitive Variable  
Ratio Belt Drive

\*Four Wheel Fully Independent Tublar A-arm Construction with Coil Spring Suspension

\*Rack and Pinion Steering

\*Four Wheel Hydraulic Drum Brakes

\*2 Piece Fiberglass Body

\*Front Tires.....18 - 9.50 X 10

\*Rear Tires.....20 - 12.00 X 10

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## FORMULA K RACEWAYS, INC.

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# FORMULA K GO-KART

- \* 1 piece reinforced fiberglass . .  
body

- \* Tapered roller bearing hubs

- \* Build in head rest

- \* Needle bearing spindles

- \* Stamped steel wheels

- \* Super quiet muffler

- \* Triple V Belt  
drive system  
or

- Cog Belt drive  
system

- \* 1 or 2 Wheel Drive  
Option

- \* Extra Large Brake Pedal

- \* Padded Round Steering Wheel

- \* Sliding Motor Mount for Easy  
Belt Adjustment

- \* One Step Body Removal for Easy Servicing and Cleaning

- \* Wraparound Spring Steel Bumper for Added Body Protection

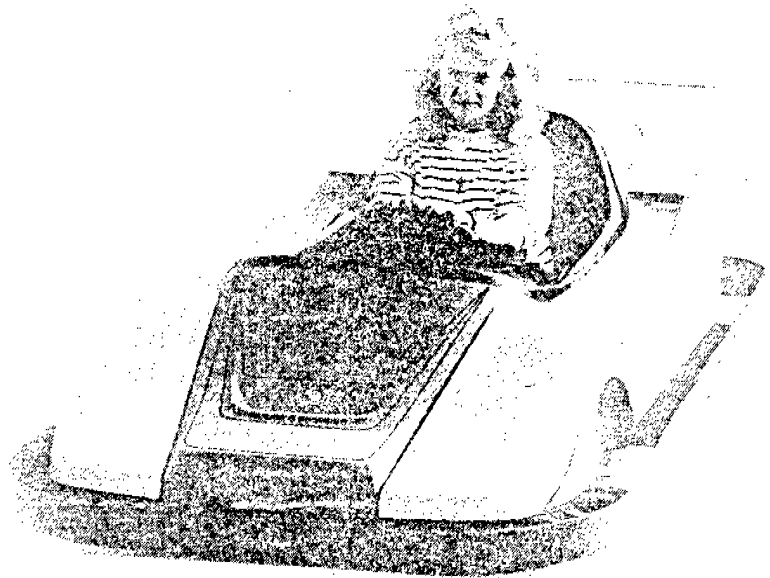
- \* 1½" 11ga. Square Tube Construction

- \* Honda GX140 5 horsepower Motor

- \* 1144 Stressproof Axle 1" Diameter Keyed

- \* Extremely Low Center of Gravity to Prevent Kart from Rolling Over

- \* 4.5 Gallon Long Range Fuel Tank--Option



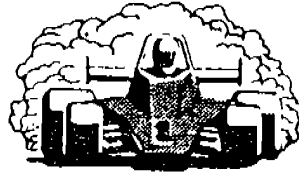
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## FORMULA K RACEWAYS, INC.

54358 North Main St. • P.O. Box 445 • Mattawan, MI 49071 • (616) 668-2002



FORMULA K RACEWAY, INC.

**KARTROL EX-56****REMOTE KART ENGINE CONTROL**

"PUTS KART CONTROL BACK IN THE HANDS OF THE TRACK OPERATOR"

**WHAT IS IT?**

The Kartrol EX-56 is a solid state electronic engine speed limiter used on Go-Kart motors to reduce the engine RPM by remote control. This gives the track operator more control over the track operation, enabling him to reduce the speed of an individual Kart, a group of Karts, or all the Karts at will. As part of the system, a device can be mounted near the pit entrance that, when activated, will reduce RPM of every Kart that passes by it, without affecting Karts elsewhere on the track. This greatly improves safety in the pit area.

The complete system consists of :

- a) 1 receiver module per Kart including simple installation instructions.
- b) 1 track mounted localized transmitter used for controlling specific track area, i.e. pit entrance.
- c) The main control console with 56 Kart capability, complete with antenna.

**FEATURES & BENEFITS**

- 1) No mechanical linkages or solenoids.
- 2) No modifications to existing engine or Go-Kart controls (unit plugs into existing ignition wiring harness).
- 3) No batteries or charging systems of any kind (low power needs are supplied by existing engine wiring with no adverse effect on engine system).
- 4) Capable of addressing up to 56 individual Karts or one or all of four groups of 14 Karts each.
- 5) Capable of resetting to normal all groups of Karts by remote control.
- 6) Fully solid state transmitter and receivers employ phase modulation technique of encoding data in the radio signal, making the Kartrol system extremely reliable.
- 7) No special skills required for installation, setup or operation.

**FORMULA K RACEWAY, INC.**

54358 North Main Street  
P.O. Box 335  
Mattawan, Michigan 49071  
(616) 668-2002

## WHAT DOES IT DO?

It allows the track operator to slow down or stop a patron who is driving dangerously or violating rules. By pressing the individual Kart number button, and then, after a few seconds, pressing the reset button the operator could slow and reset the patron, creating space between the offender and the other Karts. This effectively controls the problem without confrontation. If the problem persists, the Kart can be slowed to idle at a safe point on the track.

In the event of emergency all Karts can be reduced to idle, and once the situation has been cleared, the Karts can be reset by remote.

When the track mounted transmitting device is activated from the main control console, any Kart that passes by it will have its speed reduced to idle. This aids in creating an orderly unloading area.

## HOW DOES IT WORK?

The Kart receiver module is mounted to the Kart and the wire is plugged into the existing ignition harness. Another wire is run to ground. The unit is now ready to work. When activated by an individually coded signal or by the pit entrance device, the unit will limit the engine speed to a predetermined RPM, generally near the clutch engagement speed. The unit counts the number of ignition pulses and compares it with the RPM that has been preset. If the RPM is over that amount, The module will remove ignition pulses causing the motor to slow down. Once the motor slows to the preset speed, the module continues to monitor the RPM but does not remove ignition pulses; thus the motor will idle normally. However, if the gas pedal is depressed, the motor will not develop any higher RPM than the preset amount, which generally is not high enough for the Kart to move.

The unit uses virtually no power to operate, but what is required can be taken from excess ignition power with no loss to the motor. This means there are no batteries or charging system to contend with.

The control console has numbered buttons corresponding to the Kart numbers from 1 to 56 in four groups of 14 Karts each.

Each group of 14 Karts also has an "all stop" button which will activate all receivers in the group. There is also a group "reset" button which will reset to normal all of the Karts in that group.

By pressing the group buttons all Karts can be slowed in cases of emergency, or by pressing one or two group buttons a fleet could be brought in while another is dispatched.

## WHAT THE SYSTEM DOES NOT DO

The unit does not rapidly slow down a Kart because the engine is still running and the Kart will coast. It does not apply the brakes in any way. The operator must determine whether or not it is wise to shut down one Kart.



The unit will not adversely affect the engine or Kart operation if it fails. The engine may stop if a unit fails, but you can simply unplug the module and the engine will run normally. The engine can never rev higher than normal because of the unit, nor can carburetor linkage jam because of the system. It is not part of the carburetor system.

This system cannot replace a safe track operating procedure. If our system fails, the normal operating procedure must be adequate to safely operate the track, especially in the loading area. This system is to be used as a supplement to an existing safe operating procedure.

This system is not intended to change or alter any Go-Kart manufacturer's, track designer's, or any other related equipment manufacturer's safe operating guidelines for their equipment.

# **FORMULA 'K' RACEWAY, INC.**

54358 North Main Street  
Mattawan, Michigan 49071  
(616) 668-2002 & 668-4070

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The above named buyer hereby agrees to purchase and the above named seller, Formula 'K' Raceway, Inc., hereby agrees to sell at the prices listed below subject to the terms and conditions set forth herein, the following:

<u>QTY.</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
_____	Go-Kart--Black Gel Coat	\$ 2,295.00	\$
_____	2 Seat Go-Kart--Black Gel Coat	\$ 2,495.00	\$
_____	Slick Track Kart--Black Gel Coat	\$ 2,195.00	\$
_____	Kiddy Car--Black Gel Coat	\$ 1,395.00	\$
	Standard Equipment for Above Karts Include the GX140 Honda Motor and Cheng Shin Tires		
_____	Grand Prix Cars	\$12,000.00	\$
<b>ADDITIONAL OPTIONS AVAILABLE:</b>			
_____	4½ Gallon Gas Tank--Go-Kart & 2 Seat Go-Kart Only	\$ 90.00	\$
_____	Custom Paint--2 Colors Plus Clear Coat Per Kart	\$ 150.00	\$
_____	Custom Paint--1 Color Plus Clear Coat Per Kart	\$ 100.00	\$
_____	New Recapped Tires--4 Per Kart	\$ 32.00	\$
_____	3 Double Digit Numbers	\$ 10.00	\$
_____	Seat Belts	\$ 14.95	\$
	<b>TOTAL PURCHASE</b>		<b>\$</b>

BUYER agrees to pay 50% of the total purchase price upon execution of this Contract, and will pay the balance upon delivery, plus shipping charges.

SELLER acknowledges receipt of the sum of \$ \_\_\_\_\_ from the BUYER in the form of CASH-CHECK-MONEY ORDER as deposit on the Contract. All terms are subject to acceptance by Formula 'K' Raceway, Inc.

BUYER and SELLER agree that delivery of goods described herein shall be at the rate of \$1.45 per loaded mile F.O.B. Mattawan, Michigan.

ESTIMATED DELIVERY DATE:

APPROVED BY:

By: \_\_\_\_\_  
PURCHASER

By: \_\_\_\_\_  
SELLER  
FORMULA 'K' RACEWAY, INC.