



## blokart Association Incorporated Handbook

### **Section 1**

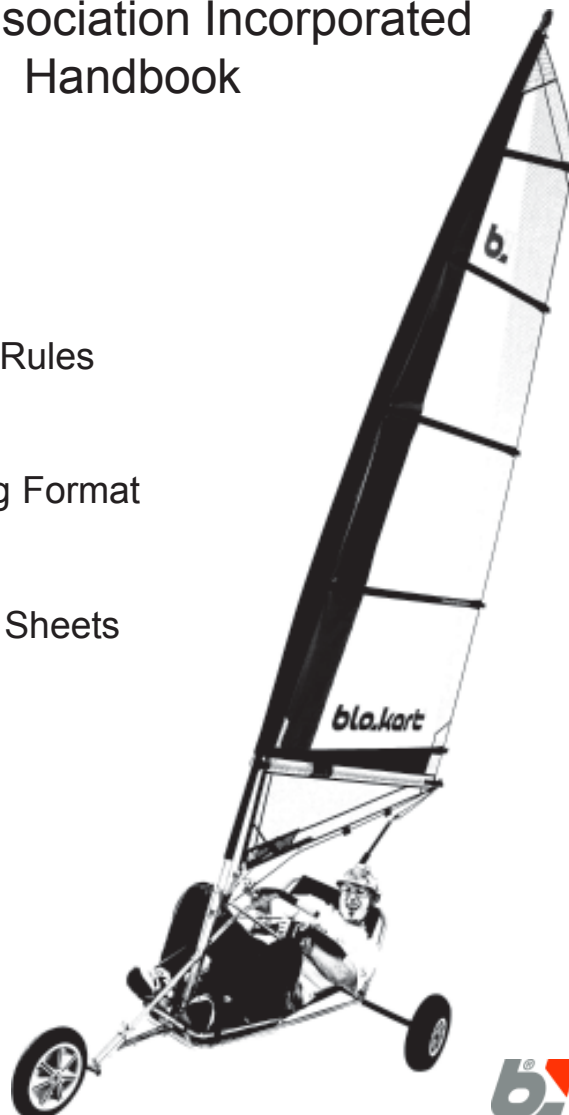
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## THE WAY OF THE BLOKART

Blokart sailing (Karting) is typified by the prevailing philosophy of compactness and convenience. Because of its physical size, ease of assembly and operation, the kart is able to be sailed both recreationally and competitively in small areas. Its dimensions are such that most adults can comfortably use it for a high degree of enjoyment and yet small enough for children to master also.

The blokart is specifically designed for the suburban setting much the same as skateboards or BMX's. The manoeuvrability of the blokart is such that it can be raced or ridden on areas such as a tennis court or small parking lot. However, it is equally at home on dry lakebeds, salt pans or fields. The round wall smooth tyres mean it is very friendly to grass.

Who uses blokart? Who doesn't?

Blokart is so versatile that anyone, from children, parents, grandparents, to the physically disabled are able to access the thrill of sailing without getting wet. Many areas do not have access to waterways and blokart has opened the experience of high performance sailing to whole new people groups.

This is not just a competitive sport but something that represents a new paradigm in team activities and one that can be used as a team and confidence building tool for corporate activities.

Blokart is a source of enjoyment and recreation for all ages and is a novel interactive sport that is becoming the fastest growing land based sail sport in the world.

# BAI One Design Class Rules



## **PRINCIPLE**

The principle of the Blokart Class Rules is that no changes to the kart are allowed unless they are specifically permitted by the class rules.

## **PART ONE**

### **OBJECTIVE**

The Blokart is a strict one-design land sailer where the true test, when raced, is between karters and not karts and equipment.

### **FUNDAMENTAL RULE**

**The Blokart shall be raced in accordance with these rules, with only the kart, equipment, fittings, spars, sail and battens as supplied by blokart international Ltd.**

**No addition or alteration may be made to the kart, construction, equipment, type of equipment, placing of equipment, fittings, type of fittings, placing of fittings, spars, sail and battens as supplied by the manufacturer except when such an alteration or change is specifically authorised by the BAI rules.**

### **CHASSIS IDENTIFICATION**

All Blokarts shall have an identification number on the chassis.

### **RACING CATEGORIES**

The blokarts shall be raced under 2 categories.

#### **1. Production.**

The karts shall be raced as they come "out of the box".

The ONLY variations allowed are to the:

- a. Pulley whip which may be a minimum length of 350mm overall, to allow for breakages.
- b. Wheel bearings may be stripped and cleaned, but outer bearing seals must be used.
- c. Any brand or type of tyre may be used, wheels must be blokart rims.
- d. Tell tales or wind indicators may be used on the sail as long as the sail is not cut and the structural integrity of the sail is not impaired.
- e. Footbar extensions may be used as there is no performance advantage.
- f. Wheel balancing is permitted.

## **2. Performance Class.**

Only genuine blokart accessories are to be used in any race.

This includes: CRB, POD, etc.

The karts are allowed to be modified in the following ways:

- a. Pulley whip may be a minimum length of 350mm overall, to allow for breakages.
- b. Wheel bearings may be stripped and cleaned, but outer bearing seals must be used.
- c. Any brand or type of tyre may be used, wheels must be blokart rims.
- d. Tell tales or wind indicators may be used on the sail as long as the sail is not cut and the structural integrity of the sail is not impaired.
- g. Any type of blocks, sheets and cleats may be used on the downhaul and mainsheet.
- h. A maximum of two finger battens per panel may be fitted to sails. They cannot extend more than 400mm forward from the trailing edge of the sail and must be taped on, not sewn.
- i. Any brand of batten may be used and tuned as required.

## **PART TWO**

### **1. SAIL REGISTRATION NUMBERS**

#### **National Ranking**

- a. All blokarts must race with their blokart chassis number on their sail.

#### **Sail Registration Numbers**

Minimum dimensions: Height 150 mm.

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- a. Space between adjoining numbers minimum 10mm.
- b. Sail numbers shall be regularly spaced.
- c. Each sail number digit shall be of one colour only.
- d. The sail numbers shall be solid and easy to read.

#### **Positioning**

- e. Numbers on the starboard side shall be placed below those on the port side.
- f. The sail numbers shall be glued on each side of the sail above and below the centre batten, with the bottom of the numbers on the port side of the sail placed along a line parallel to and 20mm (+ or - 5 mm) above the middle batten pocket .
- g. The top of the numbers on the starboard side of the sail shall be placed on a line 20mm (+ or - 5 mm) below and parallel to the batten pocket.

- h. In the case of a blokart borrowed or chartered for a specific event, and approval from the Race Committee, a competitor may use a sail with numbers that are different to those allocated.
- i. When the competitor enters non-sanctioned events and does not own a blokart, the number used on the sail shall be the chassis number of the blokart chartered.

**Recommendation:** Club, region or country colours may be flown from a small flag mounted on the Pulley-whip of blokarts.

## **2. SAILING REQUIREMENTS**

- a. The blokart shall be raced with one person aboard.
- b. In the event of a sail damaged beyond repair or damaged to the extent that it cannot be repaired before the start of the next race in a series, a competitor may use a sail with numbers that are different to the allocated with approval from the Race Committee.
- c. For the purpose of this rule, a series is deemed to be two or more individual races which count towards an overall points total.

## **3. CLASS ASSOCIATION MEMBERSHIP**

No person is permitted to race a blokart in any blokart Association sanctioned event unless they are a current member of the BAI.

## **4. ADVERTISING**

- a. Advertising may be attached to the sail or POD as required so long as it does not interfere with the sail numbers.
- b. The Race committee has the right to ban any advertising they deem inappropriate or offensive.

## **5. REPAIRS AND MAINTENANCE**

- a. Repairs and preventative maintenance to the sail, chassis, mast, boom or any fittings and fixings may be carried out without violation of these Rules provided such repairs are made in such a way that the essential shape, characteristics or function of the original are not affected.
- b. In the event of the failure of any fittings, or the replacement of fittings as authorised by these Rules, the fitting or the replacement shall be the same type as the original.
- c. A competitor may receive assistance with mechanical repairs but will be disqualified if given a push, or pull by a third party.

## **6. SAFETY EQUIPMENT**

- a. Helmets and enclosed shoes shall be mandatory for all races.
- b. Seat belts must be used for all races.
- c. Any additional equipment required by an international, national or other governing authority for safety purposes may be fitted or carried provided it is not used in contravention of the FUNDAMENTAL RULE.

## **7. EXCEPTIONS TO CATEGORIES**

If an individual is wishing to compete and is unable to because of physical disability, the race committee may sanction the use of extra seat belts, retaining straps and cleats or any other fittings, at the discretion of the race committee that may be necessary to allow the individual to compete.

# BAI One Design Racing Format



The following format is for all events sanctioned by the BAI.

Clubs may wish to devise other formats but bear in mind that any event sanctioned by the association will be run under this system.

It is recommended that Clubs develop a race committee to spread responsibilities and maximise resources.

## **Our aim is to keep it simple!**

### **ONE DESIGN**

blokarts are a one design racing machine.

Modification to blokart's racing in the Production Category that may improve performance is disallowed (see racing categories in the one design class rules).

### **THE FORMAT**

- a. Both male and female competitors may race together.
- b. Competition, fun races and freestyle events will be held.
- c. Competitors racing in the Production Class cannot race below their weight.

The competitors will be sorted into four weight divisions:

FLYWEIGHT	under 54kg
LIGHTWEIGHT	55 - 69kg
MIDDLEWEIGHT	70 - 84kg
HEAVYWEIGHT	85 - 99kg
ONE TON	100kg +

Competitors will also be sorted into two categories:

- a. Production
- b. Performance

### **Types Of Race Formats And Activities**

- a. Rolling start
- b. Standing start
- c. Le mans start
- d. Relays
- e. Deuce bar 2 hand racing
- f. Top Mark handicap racing
- g. Upwind triangle ( windward, leeward, base leg)

Freestyle events may include:

- a. Best wheelie
- b. Best 360
- c. Best stunt

### **THE COURSE**

The Race committee of the day will determine a suitable course and duration for the race.

Suitable, soft, movable cones (or similar) will be used for the course marks.

### **THE RACING**

Competitors shall be sorted into races with a maximum being decided by the race committee on the day.

A minimum of 2 competitive races shall be held in each weight division.

### **SCORING**

A point system will determine the placing in each race.

The combined tally of race points shall determine the winners of each division.

Three systems may be used, however the Bonus Point System will be used for all National and International events.

**The Low Point System** uses the karts finishing place as their race score. This is the easiest when manual lap-scoring

**The Bonus Point System** benefits the first six finishers because of the greater difficulty in advancing from 4<sup>th</sup> place to 3<sup>rd</sup>, for example, than from 14<sup>th</sup> to 13<sup>th</sup>.

<b>Finishing Place</b>	<b>Low Point System</b>	<b>Bonus Point System *</b>
<b>1st</b>	1 point	0 points
<b>2nd</b>	2 points	3 points
<b>3rd</b>	3 points	5.7 points
<b>4th</b>	4 points	8 points
<b>5th</b>	5 points	10 points
<b>6<sup>th</sup></b>	6 Points	11.7 points
<b>7<sup>th</sup></b>	7 Points	13 points
Each place thereafter	Add one point	Add one point

*\*Bonus Point System may not be compatible with some software*

## **RACING CODE**

The following code applies at any blokart association event.

The focus should always be on safe fun with a raw competitive edge!

### **1. General Rules**

- a. Have fun.
- b. Participate in an open, friendly and sportsperson like manner.
- c. Enclosed footwear and head protection are mandatory and gloves and sunscreen are recommended.
- d. Whilst racing the seatbelt must be worn.

### **2. Starting Procedure**

- a. White flag up  
3 minutes to race start  
Clear course  
Safety gear on - shoes & helmet  
Get in blokart and wear seatbelt  
Make way to start area
- b. Green flag vertical (white flag down)  
1 minute to race start  
Should be behind start line  
Jockey for position
- c. Green flag down  
Race start
- d. Chequered flag  
Race finish
- e. Orange safety flag  
All racing stops  
Clear course and assemble at start area

These signals may be accompanied by a horn, hooter or some other noise however the movement of the flag is the governing signal.

### ONE DESIGN TROPHY

The following design is to be used for trophies at all National and International BAI sanctioned events for 1st 2nd and 3rd placing's in each division.

To attract international competitors and comradiary, all National events will be raced as an Open Event. Placegetters will receive trophies no matter their Nationality.

Artwork including Event and Category sponsor's logos is to be supplied in an ai file (text saved to paths or curves) to BKI for inclusion in the trophy design.



### 3. Racing Rules

- a. Have fun.
- b. At race start you must be behind the start line.  
Rolling start: during the pre-start jockeying you may use any part of the racetrack. You may be sailing at the pre-start, or sitting stationary at least 10m away from the start line. If you are over the line on the start signal you must re-cross the start line immediately without causing interference to other racers.  
Standing start: competitors line up behind the start line prior to the race beginning. Competitors must be stationary.
- c. If you are approaching another blokart coming from the opposite direction you must keep to the right wherever practicable.

- d. If two blokarts are approaching each other from the same direction, but on opposite tacks, then the right-hand (starboard) tack blokart has right of way ie. the left-hand (port) tack blokart must give way.

**Remember:** a right-hand (starboard) tack means that the wind is coming from the driver's right and hence the sail will be set on the left side of the blokart.

- e. Hand scuffing of tyres is permitted but no foot assistance.
- f. Unless instructed to the contrary all course markers should be passed on the outside.
- g. A faster, overtaking blokart must ensure the manoeuvre is completed safely, but once the overtaking blokart has "overlap" then the slower blokart must not impede the overtaking manoeuvre.
- h. When rounding a marker, a faster blokart cannot force its way between a slower blokart and the marker within 5 blokart lengths of the marker.  
However, outside the 5 blokart lengths, once the overtaking blokart has "overlap" then the slower blokart must give the overtaking blokart room to round the marker. The overlapping blokart must call "buoy room" before undertaking the manoeuvre.

**Remember:** "overlap" occurs when any part of the passing blokart is level or in front of your rear axle.

- i. If you miss or hit a mark during racing you must return and round the mark correctly or do a deliberate 360° penalty turn as soon as possible without causing interference if you cannot return to the mark safely.
- j. Infringement of the rules, including un-sportsperson like behaviour, will be dealt with by the nominated race officials on the day.

### **RACE OFFICIALS**

At the start of any race day 2-3 race officials must be elected to oversee and uphold the racing code.

**All decisions by the race officials are final.**

**SAFETY POLICY**

The race director and/or committee will take reasonable steps to ensure the safety of competitors, the public and property.

**First Aid**

A qualified first aider must be on site at all BAI sanctioned events. It is recommended that the event committee formulate a safety plan prior to the event in case of an emergency.

**Calling off events**

Events must be cancelled or postponed if winds are so strong they may endanger participants, the public or property. The Race Director may call off an event if they feel the conditions are unsafe.

**Helmet safety standard**

Head protection must be deemed adequate by the race scrutineer or director.

# EVENT CHECKLIST

## Administration

- Formulate a Budget to ensure costs are covered and profit for club
- Written permission from land owners
- Blokart association sanctioning/approval
- Registration Race Pack

## Marketing

- Secure Sponsors
- Entry-form and poster design, printing and distribution
- Radio support/advertising
- Advise local media
- Bill Boards/Community Notices etc.
- Sponsors banners

## Event Planning

- PA System
- Commentator and Music
- Trophies
- Prizes
- Barriers, Bunting tape, stakes etc.
- Course marks
- First Aid
- Communication (2-way radios)

## Appoint Staff

- Race Director (starter, briefing,
- Scrutineer
- Shop/BBQ/Information/Lost Property
- Marshals



## Scrutineers Check Sheet

### Category 1 Production

**Description:** Standard kart as supplied by manufacturer.  
Classic, Sport, Pro.

**Exceptions:** Standard Maintenance procedures

**Sails:** Standard issue

**Battens:** Standard issue

**Mast:** Standard Issue fibreglass

**Karts:** Standard kart, no aerodynamic assistance, no chassis mods

**Wheels:** Standard blokart 6" or 8" rims, any tyres

**Bearings:** Standard bearings, outer seals must be used

**Pulley whip:** Standard blokart issue, no shorter than 350mm

**Blocks & cleats:** Standard blocks and cleats

**All components of setup and sail must be able to fit into one bag for transport**

## Scrutineers Check Sheet

### Category 2 Performance

**Description:** Standard kart with factory approved modifications.  
Classic, Sport, Pro.

**Exceptions:** Standard Maintenance procedures

**Sails:** Standard issue

**Battens:** Alternative battens may be used

**Mast:** Standard Issue fibreglass or CRB

**Karts:** blokart approved aerodynamic assistance, no chassis mods

**Wheels:** Standard blokart 6" or 8" rims, any tyres

**Bearings:** Standard size bearings, outer seals must be used

**Pulley whip:** Standard blokart issue, no shorter than 350mm

**Blocks & cleats:** Users choice of blocks and ratchets.

**All components of setup and sail must be able to fit into one bag for transport**