



WORLD OF MOTORSPORT ZA

P.O. Box 12387, Brakpan North, 1545
18 Main Reef Rd Brakpan (on the premises of Rock Raceway)
Tel: 011-740 1206 / 740 8315 Fax: 086 508 2388 email: womza@telkomsa.net
www.womzasa.co.za

NINJA MIDGET CLASS (NMT) TAR 2017

Introduction:

Competitor age restriction: Only competitors from the age of 6 years till the end of year in which he / she turns 13 years are permitted to enter into this class.

Reference on lengths and widths, shall be determined as follows:

Lengths – from the front bumper to the rear bumper;

Width – From the left to the Right wheel;

Only modifications specifically stated shall be allowed, anything not listed is not permitted

NO COMPETITOR MAY COMPETE WITHOUT AN ENGINE THAT IS NOT OFFICIALLY SEALED BY SHANE DE BEER AT ANY EVENT UNLESS THE SEAL IS SPECIFICALLY REMOVED IN THE PRESCENCE OF THE SCRUTINEER OR CLERK OF THE COURSE.

IN INSTANCES WHEN THIS HAPPENS AT A PRACTICE PRIOR TO AN EVENT THESE OFFICIALS MUST SEAL THIS ENGINE THEMSELVES OR WITHHOLD THE ENGINE UNTIL RACE DAY. UPON CONCLUSION OF THE EVENT THE ONUS IS ON THE COMPETITOR TO GET THIS ENGINE SEALED BEFORE THE NEXT EVENT

A R2000.00 FINE IS APPLICABLE TO ANY OFFICIAL, COMPETITOR OR PROMOTER THAT ALLOWS OR USES THE UNSEALED ENGINE DURING AN EVENT.

COMPETITORS MAY PRACTICE WITH UNSEALED ENGINES HOWEVER THEY ARE RESPONSIBLE TO ENSURE THE ENGINE ARE CHANGED BEFORE THE RACING COMMENCES.

Minimum weight 115 kg

NMT 1.

Eligibility of Vehicle

1.1

Only genuine manufactured junior kart chassis are permitted

1.2

The chassis must comply with their respective specification sheet

1.3

All components must be the same make and type as original equipment as per the Karting Commissions accredited Dealers except for hubs; axles; wheels; sprockets and carriers (provided these are aluminium) as well as seats; bearings (provided these are the same type); steering wheels and bumper.

<p>1.4</p> <p>1.5</p> <p>1.6</p> <p>1.7</p> <p>1.8</p> <p>1.9</p>	<p>The axle shaft must not exceed 32mm in diameter, and be manufactured from a magnetic material not exceeding 1m in length.</p> <p>The rear axle bearing carriers may be slotted for the purpose of aligning the axle.</p> <p>The fitting of non-standard additional seat stays support is permitted.</p> <p>The base gasket must be a type and fitted in such a way (adhesive on not more than one site) that it will not become damaged upon removal and re-fitment of the cylinder during scrutinizing / eligibility checks.</p> <p>In the event that damage does occur and, upon re-fitment of the cylinder using the damage gasket, the combustion chamber volume is found to be less than the permitted minimum, the competitor will automatically be excluded and all the points up to that point will be forfeited</p> <p>A mixture of approximately 50:50 2-stroke oil / petrol will be used too check the combustion chamber volume.</p>
<p>NMT 2.</p> <p>2.1</p> <p>2.2</p> <p>2.2.1</p> <p>2.2.2</p> <p>2.2.3</p> <p>2.2.4</p> <p>2.2.5</p> <p>2.2.6</p>	<p><u>Safety and General</u></p> <p>Seat Belts must be a minimum three point and mounted on the Chassis, no loose end close to the chassis</p> <p>All Competitors must be equipped with</p> <p>Neck Braces</p> <p>Karting Overhauls</p> <p>Racing Shoes or closed sneakers</p> <p>Only full face helmets are permitted. All helmets will be in a good condition, The only helmet that will be approved has to bear the SABS or of a higher standard and a type that is suitable for highway usage;</p> <p>No pushing up of sleeves whilst racing</p> <p>Fire Retardant Gloves are Compulsory. Open Finger type are not Permitted</p>
<p>NMT 3</p> <p>3.1</p> <p>3.2</p>	<p><u>Numbers</u></p> <p>Must be on the outside of both wings and on top face of the wing</p> <p>Size of the number on the outside wing – 300 mm in height with a font stroke of 50 mm</p>
<p>NMT 4.</p> <p>4.1</p> <p>4.2</p> <p>4.2.1</p> <p>4.2.2</p> <p>4.2.3</p> <p>4.2.4</p> <p>4.2.5</p>	<p><u>Roll Cage and Body kit:</u></p> <p>The roll cage must be made out of a minimum of 16 x 1.6 mm tubular steel (aluminium not permitted)</p> <p>Body kit consist out of the following:</p> <p>1 x nose cone – please note that the “long track” nose cone is permitted. Nose cone must remain as per manufacturers spec.</p> <p>1 x rear cone / bonnet</p> <p>2 x side bumper / side pods may be fibre glass</p> <p>1 x front bumper</p> <p>Only the lower partition of the left side must be covered with a metal or aluminium side panel.</p> <p>Window Nets to be affixed to both open sides of the cockpit. Net to be</p>

<p>4.2.6</p> <p>4.2.7</p>	<p>secured using T120 cable ties that can be ripped off on case of an accident.</p> <p>Clearance of at least 75 mm between the top of the child’s helmet and the top of the roll cage (not the wing) in the normal sitting position is required.</p> <p><u>NO COMPETITOR MAY RACE WITHOUT A NOSE CONE OR SIDE PODS. ANY COMPETITOR THAT LOSES ONE OF THESE IN A RACE WILL BE EXCLUDED IMMEDIATELY FOR A MECHANICAL DEFECT.</u></p>
<p>NMT 5.</p> <p>5.1</p>	<p>Wings:</p> <p>Wings are compulsory and are not adjustable. Maximum wing sizes are 750 x 550 mm</p>
<p>NMT 6.</p> <p>6.1</p> <p>6.2</p> <p>6.3</p>	<p>Brakes:</p> <p>Must be effective and operated by foot pedal mechanically on both wheels simultaneously.</p> <p>Only 60 cc Brakes may be used.</p> <p>Original kart hydraulic brake systems are permitted.</p>
<p>NMT 7.</p> <p>7.1</p> <p>7.2</p>	<p>Steering:</p> <p>Must be controlled by a steering wheel, which must have a completely closed circular shape.</p> <p>All parts of the steering must have a method of attachments offering maximum safety (split pins; self-locking nuts or bolts)</p>
<p>NMT 8.</p> <p>8.1</p> <p>8.2</p> <p>8.3</p>	<p>Engine and Transmissions:</p> <p>As per the Comer Specifications – attached</p> <p>Only a W60 or S60 Comer engine will be permitted</p> <p>The drive of the transmission shall always be to the rear wheels</p>
<p>NMT 9.</p> <p>9.1</p>	<p>Exhausts:</p> <p>Must be the standard W60 exhaust.</p>
<p>NMT 10.</p> <p>10.1</p> <p>10.2</p> <p>10.3</p> <p>10.4</p>	<p>Carburetors:</p> <p>Only the Tillitson HL166B and the Tryton carburetors will be permitted not exceeding 18mm ID at the throat of the unit.</p> <p>The Tryton carburettor venturi must have the standard factory cast finish (not polished) and flashing trimmed to size by the factory</p> <p>Fuel orifice size – standard</p> <p>Idle – 0.70mm max</p>
<p>NMT 11.</p> <p>11.1</p> <p>11.1.1</p> <p>11.1.2</p> <p>11.2</p> <p>11.2.1</p> <p>11.2.2</p>	<p>Sprockets:</p> <p>W60:</p> <p>Front: 12</p> <p>Rear: 88 or 89 or 90</p> <p>S60:</p> <p>Front: 12</p> <p>Rear: 74</p>

NMT 12. 12.1	<u>Seat:</u> The seat must be rigidly located on the chassis, it must be so designed as that the driver is securely located to resist movement when cornering or braking. Seat to be modified to support drivers Head
NMT 13. 13.1	<u>Chain guard:</u> A chain guard is compulsory and must efficiently cover the engine sprocket and axle sprocket down a line at least level with the centre of both front and rear sprocket.
NMT 14. 14.1	<u>Pedals:</u> The pedals may not protrude forward of the front bumper
NMT 15. 15.1 15.2 15.3	<u>Fuel and Oil:</u> The only fuel permitted to be used is freely and commercially available, pump fuel (highest 95 UPL) The addition of any additive other than 2-stroke lubrication oil to either the fuel or air is prohibited. Drivers need to declare fuel mix and present one <u>sealed</u> bottle of such when requested should control fuel be implemented.
NMT 16 16.1 16.2 16.2.1 16.2.2 16.3	<u>Tyres:</u> Make – open. Limited to one race set and one spare for front and one for rear. <u>Size:</u> Front – 10 x 4.00 (or 5.00) Rear – 11 x 5.00-5 Wet weather tyres are permitted if racing in rain or wet track. This may only happen when the Clerk of the Course declares a wet race. A 15 minute time frame for this procedure will be given.
NMT 17 17.1	<u>Titanium:</u> The use of titanium for any parts of a kart is forbidden
NMT 8 18.1 18.2 18.3	<u>Additional rules:</u> Repairs and postponements – only the C.O.C can decide on time of postponements of any race and time of any repairs Parents/Mechanics/Mentors are advised that the Competitor they support may be warned, lose points or be excluded for the behaviour of the Parents/Mechanics or Mentors. <u>ONLY 1 PERSON PER COMPETITOR MAY BE ON THE INFIELD. A Competitor could be excluded for additional persons on the infield. EACH PERSON MUST WEAR A REFLECTIVE VEST AND THE FOLLOWING CODE OF CONDUCT APPLIES</u>

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| | <ul style="list-style-type: none">- NO SECRET HAND SIGNALS TO COMPETITORS MAY BE MADE
- A KART MAY NOT LEAVE THE TRACK AND RECEIVE A 'QUICK TUNE UP' BEFORE REJOINING THE RACE. THIS IS CONSIDERED OUTSIDE HELP AND IS PROHIBITED
- ONLY A MARSHALL MAY REMOVE A DAMAGED PART FOR THE COMPETITOR TO CONTINUE.
- NO VERBAL OR PHYSICAL ALTERCATIONS ARE PERMITTED. THE ASSOCIATED COMPETITORS WILL BE EXCLUDED OR BANNED FOR THESE ACTIONS
- YOU MAY NOT ADMONISH A COMPETITOR WHO MAY HAVE BEEN INVOLVED IN AN INCIDENT WITH THE COMPETITOR THAT YOU SUPPORT <u>AT ANY STAGE</u>. THIS IS THE DUTY OF THE OFFICIALS |
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