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2009 SOUTH AFRICAN ROTAX MAX CHALLENGE

RACE CLASSES	STATUS	PRIZES
GP Junior Minimum age: see 3.2 Minimum weight 100 Kg (including full race gear)	Challenge	ROTAX Mini Max Engine
FR125 Mini Max Minimum age: see 3.2 Minimum weight 135 Kg (including full race gear)	SA Champ	SK5 Helmet
FR 125 Junior Max Minimum age: see 3.2 Minimum weight 145 Kg (including full race gear)	SA Champ	World Final Invitation 1st and 2nd place
FR 125 Senior Max Minimum age: see 3.2 Minimum weight 165 Kg (including full race gear)	SA Champ	World Final Invitation 1st and 2nd place
FR 125 Max 175 Minimum age: see 3.2 Minimum weight 175 Kg (including full race gear)	Challenge	Plane ticket to World Final 1st place
DD2 Minimum age: year see 3.2 Minimum weight 173 Kg (including full race gear)	SA Champ	World Final Invitation 1st and 1st Over 32

NOTE: PRIZES WILL ONLY BE AWARDED TO CLASSES THAT HAVE 15 COMPETITORS AT THE NATIONAL FINAL THAT HAVE COMPETED IN AT LEAST 3 SARMC REGIONALS IN THEIR DOMICILE IN THAT SAME CLASS.

Four (4) SARMC Regional races allocated per region

Three (3) National Qualifier races	11 th April 2009	Killarney Raceway, Cape Town
	13 th June 2009	TBA
	22 nd August 2009	iDube Kart Raceway, Pietermaritzburg

One (1) National Final 3rd / 4th October 2009 Zwartkops International Kart Raceway

INFORMATION - THE CHAMPIONSHIP CO-ORDINATOR

Max Challenge Promotions cc

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SOUTH AFRICAN ROTAX MAX CHALLENGE

Regulations 2009

Version 23.01.2009

1. General

ROTAX Kart Center (<< ROTAX >>) and its authorised distributors /partners organise the ROTAX MOJO MAX Challenge Grand Finals (<<RMCGF>>), international ROTAX MOJO MAX Challenge Events (IRMCE) and national ROTAX MAX Challenges (RMC).

"ROTAX MAX Challenge", "ROTAX MOJO MAX EURO Challenge", "ROTAX MOJO MAX ASIA Challenge" and "ROTAX MOJO MAX Challenge Grand Finals" are the property of BRP-ROTAX GmbH & Co. KG (ROTAX).

All the parties concerned (FIA, CIK-FIA, ASN, Organisers, Entrants and circuits) undertake to apply and observe the rules governing the race events.

Any international ROTAX MAX Challenge event shall be run in accordance with the ROTAX MOJO MAX CHALLENGE 2009 Series Sporting Regulations, the ROTAX MOJO MAX Challenge Technical regulations and the International Sporting Code (<<ISC>>) and its appendices, with the Karting Technical Regulations and with any international regulations including these, with the general prescriptions applicable to CIK-FIA Karting international events, as well as with any supplementary regulations drawn up by the ASN concerned.

Any changes or exemptions to SARMC Sporting regulations and RMC Technical regulations require the written approval of BRP-ROTAX following the agreement of Max Challenge Promotions cc (MCP) and Motorsport South Africa (MSA)

ANYTHING WHICH IS NOT EXPRESSLY ALLOWED IS FORBIDDEN.

2. Status of the Challenge

The RMC, RMCGF are recognized by CIK-FIA according to the "2003 Karting Recognition regulations" dated 16.09.2002.

Only 1 RMC per country will be sanctioned by ROTAX for the qualification of drivers to the RMCGF . Only the authorised ROTAX distributor has the exclusive right to organise a national RMC .

The South African ROTAX MAX Challenge (SARMC) will be run as a SA National Championship Series, sanctioned by Motorsport South Africa.

2.1 Classes at the SARMC

The following ROTAX Max classes will have National Championship status in 2009, subject to them meeting the criteria of MSA Karting Commission:

At least TEN (10) competitors participating in the National Final must have done at least THREE (3) SARMC Regionals or Nationals in their prospective class.

Mini Max
Junior Max
Max Challenge
DD2

The following class(es) will run as a National Challenge Series at the same events:

Max 175
GP Junior

It is not allowed that 2 classes are racing together in the same race except if 2 classes are next to each other regarding age Micro/Mini, Mini/Junior, Junior/Senior Max or Senior Max/DD2

3. Regulations

3.1 Licence

Drivers competing at the RMCGF and/or IRMCE must hold at least an "International C Licence" and an "International Entrant Licence" delivered by an ASN which is member of the CIK-FIA. Drivers who are still under age and do not have full legal capacity cannot be their own Entrant (according to Art. 2.7 of the General Prescriptions to the CIK-FIA International Karting Regulations).

For SARMC classes a Regional Licence is required to participate in regional races and National Qualifier events in a competitor's home province. A National Licence is required for the National Qualifiers out of a competitor's domicile and for all competitors competing in the National Final at Zwartkops International Kart Raceway on 03/04 October 2008.

Any competitor wishing to take part in the SARMC who actually holds or held an international 'A' or 'B' grade kart licence during 2008 and 2007 may apply to ROTAX for a waiver. This application must be in writing stating relevant information including results and dates of CIK events participated in during the last 3 years. The application must be stamped by the ASN and the Distributor who will forward this to ROTAX. ROTAX's decision in such cases will be final and no correspondence will be entered into.

Drivers who held such a licence before 2007 are legal to take part in the RMC.

3.2 Age limits

SARMC 2009 :

GP Junior Class:

Open to all drivers from the year of their 8th birthday, to the year in which their 12th birthday occurs.

Mini MAX Class:

Open to competitors from the year of their 11th birthday to the end of their 15th year.

Junior MAX Class:

To participate in any of the events in the SARMC the driver must have his/her 13th birthday before 31/12/2009. He/she may race until the end of his/her 16th year.

MAX Challenge and DD2 Classes:

To participate in any of the events in the SARMC the driver must have his/her 15th birthday before 31/12/2009.

MAX 175 Class:

To participate in any of the events in the SARMC the driver must have his/her 26th birthday before 31.12.2009 or be over 21 years of age weighing more than 90kg in their shorts.

RMCGF 2009:

Junior Max drivers must have had their 13th Birthday by 30/09/2009 and Max Challenge and DD2 drivers must have had their 15th birthday by 30/09/2009 to qualify for the World Finals.

3.3 Race events

3.3.1 RMCGF

The RMCGF is run over one single event.

The RMCGF is an international Restricted Event (according to Article 19 of the FIA International Sporting Code), by invitations controlled by BRP-ROTAX.

Expenses for supplied karts, engines, tyres, petrol, accommodation, entry fee for qualified drivers (see 3.7) of the RMCGF are covered by BRP-ROTAX and its distributors, as long as these "SARMC Sporting regulations" and "SARMC Technical regulations" are followed in their national SARMC classes.

3.3.2 SARMC

Each race event of the SARMC consists of non-qualifying practice, qualifying practice, heats (to qualify for prefinal and final, if necessary), prefinal and final. It is possible to have 2 race events on 1 day (ie.: prefinal A, B and final A, B).

- Non-qualifying practice: certain time according to length of race track, determined by race organizer.
- Qualifying practice: certain time according to length of race track, determined by race organizer.
- Heats to qualify for prefinals: No. of heats and points according to national organizer of challenge. Min. 10 km or 15 mins.
- Pre-Final: A starting grid of max. 34 drivers and the race of min. 15km or 15 minutes. Score points 34,33,32,31,30to last place finisher. Non-finish: minus 5 points off last finisher
- Final(s)/ points: A starting grid of max. 34 drivers and the race of min. 20km or 20 minutes. Scorepoints 55, 52, 50, 49, 48, 47,... to last placed finisher. Non-finish: minus 5 points off last finisher (in case of being a half point race only 2,5 points off last finisher are given).

3.3.3 Events counting towards the SARMC

Regionals

A driver must nominate the region in which he/she wishes to score points regionally, normally the region in which he/she lives.

Each competitor will count their **three (3) best regional pre-finals and three (3) best regional finals** in his/her nominated region (This can be a combination of heats from any of the SARMC regionals participated in)

Points can be scored at the four SARMC regional races in each region with one pre-final and one final. NB! It is permitted to race outside of this region but no points can be accumulated and regional scoring will exclude participants from outside their designated region for SARMC scoring purposes.

National Qualifier Events

There will be one event at Killarney (WP), one event at iDube (KZN) and one at a venue to be announced at a later stage. All of these events are open to National license holders. Drivers domiciled in the specific region may participate in their event on a regional license. Each of these events will have two pre-finals and two finals.

It is NOT necessary that tracks be closed for two (2) weeks prior to a National SARMC event.

Each competitor will count their **two (2) best pre-finals and two (2) best finals** at any national qualifier events. (This can be chosen as a combination of more than one event)

South African ROTAX Max Challenge National Final

This event will be held on 3/4 October 2009 at Zwartkops International Kart Raceway. There will be two pre-finals and two finals - all to count. Qualifying will be 5 karts out at a

time, with each competitor doing one warm-up lap, and 2 flying laps. Their fastest lap will determine the grid for the 1st pre-final and their other lap will determine the grid for the second pre-final. The results of the pre-finals determine the grid for the respective finals.

3.4 Classification

3.4.1 RMCGF

The classification of the RMCGF will be that of the final.

3.4.2 SARMC

3.4.2.1 Points

Only points achieved at pre final(s) and final(s) of a race event count towards the overall score. (see also 3.3.2.2)

Point accumulation from Regional events and National Qualifier

Points from pre-finals and finals scored according to 3.2.2 above will be accumulated.

Number of Pre-finals and Finals to be scored

Drivers will score their best three (3) pre-finals and best three (3) finals from any of the SARMC Regional qualifier events and best (2) pre-finals and best two (2) finals from any of the SARMC National qualifier events.

Bonus Points awarded

Drivers who take part in National Qualifiers will receive 1 (one) bonus points for each final heat participated in.

Drivers who take part in Regional Qualifiers will receive 1 (one) bonus point for each final heat participated in in their domicile.

Points carried forward to the National Final at Bridgestone Zwartkops International Kart Raceway

The sum of points obtained in the best three (3) regional pre-finals and finals and best two (2) pre-finals and finals at a national qualifier event will be divided by five (5).

The accumulated bonus points will be added to this average score and brought forward to the National Final event.

Final Classification

The sum of the points carried forward (from regional and national qualifiers as calculated above), together with the points obtained in the two (2) pre-finals and two (2) finals at the SARMC National Final will determine the

- South African Champions
- series winners in the case of GP Junior and Max 175
- drivers qualifying for invitations to the RMCGF

The point's standings in the SARMC will be published on the www.kart.co.za web-site.

In case of 2 or more drivers finish the season with same number of points, the higher place in the championship will be awarded to:

- the holder of the greatest number of first places in final races, if the number of first places is the same, the holder of the greatest number of second places in final races and so on until a winner emerges.
- If it is not possible to break a tie with results of the final races the holder of the greatest number of first place in prefinal races, if the number of first places is the same, the holder of the greatest number of second places in prefinal races and so on until a winner emerges.

- If this procedure fails to produce a result BRP-ROTAX will nominate the winner according to such criteria as it deems fit.

3.5 Starting procedure

3.5.1 RMCGF and RMCEC

For RMCGF and RMCEC the regulations for "Rolling starts for karts with clutches and without gearboxes" of the CIK-FIA general regulations apply for all RMC categories.

3.5.2 SARMC

Two (2) grid; One (1) warm up lap, followed by One (1) formation lap (strictly no overtaking) and rolling start.

3.6 Entry fee

Entry fee for RMCGF is free of charge. Entry fee for SARMC events will be determined by the race organisers in their specific regions.

It is compulsory that all drivers participating in the SARMC register with Max Challenge Promotions cc. Class representatives in each region may assist with this process. The registration fee for 2009 is R 300.00 including VAT. Registration can also be done on www.kart.co.za and needs to be done before the date of the last Regional Qualifier in the driver's domicile.

3.7 Eligible drivers for RMCGF 2009

The total number of drivers, that can qualify for the RMCGF 2009 will be:

Junior MAX	72
MAX	72
DD2	72

The qualified drivers of RMCGF Junior MAX, MAX and DD2 class will run on one brand chassis per category, supplied by ROTAX or it's partner(s).

3.7.1 Qualification mode for RMCGF

Following drivers will be qualified:

Junior class:

The overall winner of the SARMC 2009 Junior MAX class which got authorized in writing by BRP-ROTAX as well as the 2nd placed driver in the SARMC 2009 Junior MAX class.

MAX class:

The overall winner of the SARMC 2009 MAX class which got authorized in writing by BRP-ROTAX as well as the 2nd placed driver in the SARMC 2009 MAX class.

DD2 class:

The overall winner of the SARMC 2009 DD2 class which got authorized in writing by BRP-ROTAX as well as the overall winner of the SARMC 2009 DD2 Masters class.

Other rules:

If a **driver** is qualified from an international ROTAX MAX CHALLENGE series and from the SARMC at the same time, the qualification at international level has higher priority for the qualification to the RMCGF. In such a case the next placed driver of the SARMC will qualify for the RMCGF.

If a **driver** is qualified from 2 or more different national/zone ROTAX MAX CHALLENGE series or the SARMC at the same time,, BRP-ROTAX reserves the right to decide from what series or SARMC he will qualify for the RMCGF.

If a driver is **qualified in 2 categories** he/she can participate at the finals in the higher

ranked category only.

Ranking is as following: (DD2 / MAX / DD2 Masters / Junior)

ROTAX reserves the right to grant additional drivers from different classes to different countries under certain conditions to participate at the RMCGF 2009.

Prize giving

The first 3 competitors must wear their overalls zipped up at prize giving ceremonies.

3.8 **Minimum weight**

At all times, the minimum weight for the kart, including driver and all required safety equipment (helmet, overall, gloves, etc.) is:

GP Junior	100 kg
Mini Max	135 kg
Junior MAX class:	145 kg
MAX class:	165 kg
MAX 175 class:	175 kg
DD2 class:	173 kg
DD2 Master class:	173 kg

3.9 **Advertising on karts**

RMCGF

Sponsor stickers supplied by the race organiser are optional to be placed on all karts participating in RMCGF events according to the supplementary regulations for each event.

ROTAX reserves the right to specify additional sponsor stickers. Additional stickers of other personal sponsors allowed, as long as those are not in conflict with existing sponsors stickers on the bodywork or covering those.

Sponsors regulations (voluntary scheme to be determined) must be in compliance with CIK-FIA sporting code and General Prescriptions.

SARMC

All drivers are required to have the following stickers on their karts at any SARMC events:

The ROTAX MAX CHALLENGE SOUTH AFRICA stickers must be displayed on the side of each side pods in a visible position

www.kart.co.za stickers must be displayed on the front and rear number plates of all karts in a visible position

Any additional sponsor stickers can be placed in a 10x25 cm area on the Front Nose Cone and 3 stickers up to 10x25 cm on the side pods

Drivers may be required to wear sponsors caps during prize giving and ceremonies.

Use of additional sponsor stickers (non-conflicting) is allowed on other areas.

All drivers agree that ROTAX and its sponsors may use photographs of RMC races (including names and photographs of drivers) for advertising, publicity and public relations purposes.

All vested rights in respect of the ROTAX MAX CHALLENGE in South Africa will be legally protected. Copy right subsists in this material.

A) **SOUTH AFRICAN ROTAX MAX CHALLENGE**
Supplementary Technical Regulations 2009
Version 23.01.2009

1. Technical regulations

Composite materials (carbon fiber, etc) are banned, except for the seat.

2. Numbers and Number plates

Competition numbers are issued by Jennifer Verheul at 012 374 0129.

MAX Challenge class:	165 kg (Black backing with white numbers)
MAX 175 class:	175 kg (Yellow backing with black numbers)
MAX Junior class:	145 kg (Green backing with white numbers)
Mini MAX class:	135 kg (Blue backing with white numbers)
DD2 class:	173 kg (Red backing with white numbers)

3. Chassis

All current and previously MSA homologated chassis are permitted. Rear axle diameter maximum 50mm and wall thickness according to CIK-FIA rules as from 01 May 2003. Front brakes are not allowed in any class except in the DD2.

4. Engines, clutch, ignition, carburetor, intake silencer, exhaust pipe

FR 125 MAX and DD2 engine, not to be modified in any way – see 'Technical Specification of ROTAX engine type FR 125 MAX and DD2'. Because of the long periods between engine rebuilds it was possible to introduce a new sealing system for FR 125 MAX engines. Each engine is delivered with its own engine passport. Only engines sealed by the "Authorized Southern African ROTAX Distributor" and their Authorized ROTAX "Service Centers" are allowed to be used in SARMC events. These engines are sealed after carefully checking the engine according to the 'Technical Specification for the ROTAX FR 125 MAX' engine which you can find on our homepage www.maxchallenge-rotax.com. Special ROTAX seals (black anodized aluminum seal with "ROTAX" logo and a 6 digit number) with a steel cable must be used. At scrutineering the driver has to present the engine with undamaged seal and the engine passport, showing the matching engine serial number, seal number, stamp and signature of the company which sealed the engine. This procedure helps to reduce scrutineering times at races. Nevertheless it is possible to open and recheck the engines by Scrutineers before or after the race in case of a protest and reseal the engine after checking it step by step by staff of the "Authorized ROTAX Service Centre or Distributor" according to the "Technical Specification". Only the following spark plugs may be used Denso IW...

5. Tyres

The only tyres permitted are as per MSA 2008/9 Karting Handbook.

Strictly no modifications or tire treatment allowed.

6. Petrol and Oil

Commercial quality petrol from a roadside petrol station only, maximum 95 Octane mixed with synthetic 2-stroke lubricant at 40:1. Unless the organizers of an event stipulate otherwise, LIQUI MOLY RACING SYNTHETIC 2T oil mixed with 95 Octane unleaded fuel will be used to replace any competitors' fuel as directed by the organizers.

7. Rear Bumpers and chain guards are as per MSA Karting regulations 2008/9.

8. Front Brakes are not allowed in Mini Max, Junior Max, Max Challenge and Max 175. You must however use front brakes in the Rotax DD2 class.

INFORMATION - THE CHAMPIONSHIP CO-ORDINATOR

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DATES OF EVENTS COUNTING TOWARDS SARMC 2009

NORTHERN REGIONS

- 14th March 2009 - Zwartkops International Kart Raceway
- 24th May 2009 - Bridgestone Adrenalin Raceway (Vereeniging)
- 19th July 2009 - Zwartkops International Kart Raceway
- 19th September 2009 - Zwartkops International Kart Raceway

WESTERN PROVINCE – KILLARNEY

- 20th June 2009 - WPMC
- 18th July 2009 - WPMC
- 15th August 2009 - WPMC
- 5th September 2009 - WPMC

KWA-ZULU NATAL

- 19th April 2009 - iDube
- 10th May 2009 - iDube
- 16th August 2009 - iDube
- 20th September 2009 - iDube

EASTERN PROVINCE

- 14th March 2009 - Celso Scribante
- 23rd May 2009 - Celso Scribante
- 18th July 2009 - Celso Scribante
- 19th September 2009 - Celso Scribante

FREE STATE

- 14th February 2009 - Bloemfontein
- 18th April 2009 - Bloemfontein
- 23rd May 2009 - Bloemfontein
- 19th September 2009 - Bloemfontein

NATIONAL QUALIFIER EVENTS

- 10th to 12th April 2009 - Cape Town
- 12th to 14th June 2009 - TBA
- 21st to 23rd August 2009 - iDube

NATIONAL FINAL

2nd to 4th October 2009

BRIDGESTONE ZWARTKOPS INTERNATIONAL KART RACEWAY