REPCO RELIABILITY TRIAL
30th ANNIVERSARY
RERUN

ORGANISED BY
THE HISTORIC RALLY ASSOCIATION (INC)

SUPPLEMENTARY REGULATIONS
1. THE EVENT
The event shall be known as the 30th Anniversary REPCO RELIABILITY TRIAL RERUN, hereinafter referred to as “the event”.
The event will celebrate the 30th anniversary of the 1979 Repco Reliability Trial.
The event will be a Club Touring Road Event conducted over public and private roads in Victoria, South Australia and New South Wales between the 8th of August and the 17th of August 2009.
The event is open to financial members of The Historic Rally Association (Inc.).

2. SCHEDULE OF DATES
Entries Open: ................................. Upon publication of these Regulations
Entries Close: ........................................ 1st July 2009
Further Instructions issued: .................... 1st August 2009
Scrutiny: ............................................ 1st August 2009
Event Start: ........................................ 8th August 2009
Event Finish: ....................................... 17th August 2009

3. AUTHORITY
The event shall be run under the general provisions of:
a. The International Sporting Code (ISC) of the FIA
d. The National Touring Road Event Regulations.
e. The Khanacross and Motorkhana Regulations
f. The Autocross Regulations
g. The Hillclimb Regulations
h. The Club Rules of the Historic Rally Association
i. These Supplementary Regulations, any Further Regulations, Instructions, Event Bulletins and Route Instructions, which may be issued.
The CAMS permit number 309/1608/04 authorising this event will be displayed at the start.
This Event will be conducted under and in accordance with CAMS OH&S and Risk Management Policies, which can be found on the CAMS website at www.cams.com.au

4. ORGANISATION
4.1 The event shall be organised and promoted by: The Historic Rally Association (Inc.) PO Box 631 Camberwell Vic 3124
4.2 In accordance with CAMS NCR 59, the organisers reserve the right to postpone, abandon or cancel the event if in their opinion the entries are insufficient or by “Force Majeure”. The organisers reserve the right to postpone, abandon, cancel, terminate or alter the event at any time.

5. KEY PERSONNEL
Event Director:
Graham Wallis  CAMS Lic 887029
14 Rookwood St. Nth. Balwyn Victoria 3104
H: 03 9859 1412  Mob: 0429 939 619
ewal7731@bigpond.net.au

Assistant Clerks of Course:
Richard Davies  CAMS Lic 9729655
Matt Philip  CAMS Lic 886501
Phil Torode  CAMS Lic 9944011

Event & Compliance Checkers:
Rick Hartmann  CAMS Lic 9338350
Rick Bainbridge  CAMS Lic 883652

Stewards:
Allan Horsley  CAMS Lic 1023283
Liz Partington  CAMS Lic 1031273

6. CREW ELIGIBILITY
6.1 Crews shall consist of at least two persons. The maximum number of persons in the crew shall be subject to vehicle capacity and relevant civil regulations. The driver(s) must hold a current civil driving licence.

6.2 The competitor and crew members shall be required to hold a current CAMS Level 2S (crew members not intending to drive in the Speed Sub Events will only be required to hold a 2NS) or superior licence.
In accordance with Appendix I, CAMS Personal Accident Insurance is included in the CAMS licence fee.

6.3 It is highly recommended that all crews have a current Ambulance membership or equivalent.

6.4 The competitor (formerly entrant) and all crew members must be financial members of the Historic Rally Association Inc. The event will be open to all grades of competitors.

7. VEHICLE ELIGIBILITY
7.1 Vehicles must be in a roadworthy condition at all times during the event.

7.2 Vehicles are generally limited to 2wd models produced before 1980; other entries may be accepted at the discretion of the organisers taking into account historical significance of car or crew. Please contact the Clerk of the Course if you have any queries on vehicle suitability.

Modifications of all types are permitted but the car must be registered (or have a historic/rally permit) and be road legal. Engine and chassis numbers must agree with certificate of registration (or permit). Club plated vehicles within NSW, VIC and ACT are all eligible. The use of an Unregistered Vehicle Permit is also permitted. Vehicles will be scrutineered for safety and compliance with these supplementary regulations prior to the start and during the event. Vehicles must be adequately muffled to comply with noise restrictions. Fuel must comply with Schedule G of the current CAMS Manual.


7.4 All vehicles must comply with the requirements of Schedule R of the current CAMS manual, the Touring Road Event Regulations and the Victorian Rally Bulletin.
8. ENTRIES
8.1 Entries will be only accepted on the official entry form, complete in all details, save that car details will not be required until nearer the start.

8.2 The entry fee is $1800 for the complete event including special tests.

The entry fee includes:
- CAMS permit fees, including public liability insurance
- Rally entry (including hire of venues and safety equipment)
- One set of official maps and instructions
- Set of car numbers, personal identification badges, caps and other paraphernalia
- 2 lunches per crew member
- 2 dinners per crew member
- Use of luggage transport truck

For prospective competitors who are not able to participate in the full 10 days, there is the option of a three day event. This will consist of the first three days of the complete event and will finish with a presentation function in Renmark.

The entry fee for this three day option will be $600 and will include one lunch and one dinner per crew member.

Competitors will be required to organise and pay for their own accommodation, food and fuel. Block bookings will be arranged for many evening functions. Any significant surplus in finances may be returned to the competitors by way of further paid for meals or other means.

8.3 Entries must be forwarded to the Event Secretary and accompanied by the entry fee.

Cheques should be made payable to “HRA Special Events Inc”

If electing to pay by electronic deposit you MUST attach a copy of the EFT receipt to the entry form. In the payment description field, please use the three letter event code “REP” followed by the “Competitor’s Surname”:

8.4 Competitors under the age of 18 must have the written consent of a parent or guardian to enter and participate.

8.6 The organisers reserve the right to refuse any entry.

8.7 General entries are limited to 80, accepted in order of receipt.

Notwithstanding the above, up to 10 additional historically significant entries may be accepted at the discretion of the organisers.

Electronic Funds Transfer Details:
Account Name: HRA SPECIAL EVENTS (INC)
BSB: 033 389
Account No: 228900

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9. STARTING ORDER
The starting order will be determined and allocated by the organisers.

10. SCRUTINY, EQUIPMENT & PAPERWORK
10.1 Official scrutiny will be conducted at locations to be notified in Further Instructions. Competitors not close to official locations will be advised of regional scrutineers in their area.

10.2 Vehicles must be presented at scrutiny in a clean and “ready to start” condition.

Compulsory equipment will be checked, as follows:
- Seat belt of least three point mounting for each occupant
- Two (2) safety triangles
- Mud flaps of stout material for both rear wheels. (Also for the front wheels if they are the driving wheels)
- A first aid kit, St John Motorists Kit is an appropriate example of this

10.5 No special car preparation, except for the vehicle requirements stipulated in these regulations will be required, although cars will need to be in good mechanical condition.

11. RUNNING DETAILS
11.1 The event will start from the Melbourne Showgrounds at 09:30 on the 8th of August. Cars will be booked out at 30 second intervals.

11.2 The event will be run over 4500 km of sealed roads, unsealed roads, tracks & private property.

11.3 There will be overnight stops at Ballarat (8th), Mt Gambier (8th), Renmark (10th), Nuriootpa (11th), Broken Hill (12th & 13th), Parachilna (14th), Coober Pedy (15th), Port Augusta (16th).

11.4 The competitive event will finish at Parachilna with a trophy presentation. The final two days will be run as a straight tour with no control points or scoring.

11.5 No special car preparation, except for the vehicle requirements stipulated in these regulations will be required, although cars will need to be in good mechanical condition.

11.6 The event will consist in the main, of Touring Sections following the route of the original 1979 Repco Reliability Trial. Various competitive sub events will also take place around the course. These are described below.
**Sub Events**

You gain demerit points (see below) in accordance with your placing in each sub event. If you don’t participate you will simply receive the maximum points loss for that sub event.

1. **Speed Events.** These will be in the form of Hillclimbs, and Autocross, held at appropriate private venues. These events will be timed to the tenth of a second. Helmets, ankle to neck to wrist non-flammable clothing and enclosed footwear will be required for these events.

2. **Motorkhana or Khanacross.**

3. **Road Events.** These are in addition to the overall touring sections. These may take the following forms: Timed to the minute mapped sections, mainly on private property. These will have a required average speed of less than 60km/h. Regularity sections on both private property and/or public roads.

**11.7** The road rules must be obeyed at all times during the event with exception of the Motorkhana, Khanacross or Speed Tests.

**11.8** During any event, consumption of alcoholic beverages in the paddock, pits or any other portion of the competition venue under the control of the officials is expressly forbidden until all practice or competition activity is concluded for each day. Any driver or crew member who is found to be affected by alcohol on the day of the event or practice therefore shall not be permitted to participate. Refer NCR 145A of the Current CAMS Manual. In addition, the persons concerned will be subject to the Articles of the Standard Operating Procedure for Alcohol Testing and CAMS Anti-Doping Policy. Competitors, crews or officials may be randomly tested for alcohol by a CAMS Accredited Testing Official (CATO) or other drugs at any time during the event(s). The CAMS Anti Doping Policy, as appears in the CAMS Manual of Motor Sport and as amended from time to time, is recognised as an integral component of the NCR and is duly authorised as such. In any areas where the National Competition Rules and the CAMS Anti Doping Policy conflict, the CAMS Anti Doping Policy will take precedence.

**12. SUB EVENT REGULATIONS**

Places shall be determined by the application of all the penalties set out below; the crew having completed all the divisions with lowest number of points shall be placed first.

1. **12.1 Speed Events**

   **Autocross:** A single-car speed event on a gravel or earth surfaced circuit.

   **Hillclimb:** A single-car speed event on a sealed surface, not a circuit format and usually involving a significant climb.

   **Timing:** Each lap or run will be measured by electronic equipment and/or hand-operated watches, and scored to 0.1 of a second.

   **Procedure:** Competitors will be advised at drivers’ briefing as to direction of travel, flag signals, mode of competition, the number of vehicles on the course simultaneously, the number of laps per “run”, starting order, starting procedure and procedure for returning to the pits.

   Competitors will attempt one run only at each venue.

   **Penalties.** Penalties comprise:

   - 5 seconds for striking any penalty marker
   - Double fastest time for shortening or not completing the course.

   **Speed Limit:** A limit of 10 km/h applies in paddock areas.

   **Competitor Safety**

   Safety helmets as specified must be worn by drivers whenever competing on the circuit/track. Clothing must extend from ankles to neck to wrists. Clothing and footwear of flammable synthetic material, such as nylon, is not acceptable.

   A qualified first aid officer will be in attendance at all speed sub events.

   **Timing:** The competing cars may be timed either by automatic means or by hand-operated stop watches. If a driver fails to complete a run due to any other cause outside the driver’s control, he shall be permitted a re-run.

2. **12.2 Motorkhana and Khanacross sub events**

   These will be held on private property on a grass or dirt surface. These events require maneuverability rather than speed for success.

   **Timing:** Timing is to 0.1 of a second and will commence when the non driven wheels start to turn. Timing ceases when the front of the car passes through the front of the garage. The car must then stop within 10 seconds and without passing through the end of the finish garage.

   **Penalties:**

   - Hitting any course marker; +5 seconds per marker
   - Car not fully garaged; +5 seconds
   - Wrong direction; slowest time +5 seconds. (not including any penalties)
   - Not stopping completely in the finish garage, or a stop start garage; slowest time +5 seconds. (not including any penalties)
   - Not starting or failing to complete a test; slowest time +5 seconds. (not including any penalties)
If a test marker has been displaced from its original position by a vehicle during an attempt at a test, and if the vehicle is required to negotiate that marker again during the attempt, the driver must then proceed according to the original position of the marker. Provided the vehicle covers the entire required course of a test, even if this entails some retracing of an incorrect path, that attempt shall be accepted as valid.

Competitor Safety: Seat belts must be worn in the Motorkhana and Khanacross tests. Helmets must be worn in the Khanacross events. Except for when actually competing, a speed limit of 10 km/h applies whilst driving around the venue. The penalty for breaking this regulation will be exclusion from the results of the sub event. Directions and requests by an official must be obeyed. All drivers must behave in a safe and responsible manner.

Co-drivers/navigators may be carried in the motorkhanas as long as they are officially entered in the event, no passengers may be carried in the khanacross events.

12.3 Timed Navigation and Regularity sub events
These are road events held both on public roads and private property. They will be timed to the minute and will be scored as follows:
- Observation recorded correctly ……. 0 points per instance
- Observation recorded incorrectly ….. 30 points per instance
- Observation not recorded……………. 30 points per instance
- Manned passage control correct entry …0 points per instance
- Manned passage control wrong direction entry……15 points per instance
- Manned passage control missed…..30 points per instance
- Detected breaches of traffic regulations 30 points per instance
- Missed major control……………………60 points
- Late at major control …………………….1 point per minute, up to a maximum of 60 points
- Late or early at timed Passage Control……..1 point per minute

These scores apply to the regularity and timed navigation sub events only and will be used to calculate a placing for the sub event. Points lost for the sub event (Khanacross, Autocross or Timed Regularity/Navigation) placing will then be added into the touring points losses as listed below.

The optional un-timed navigation sub event (Dunkeld to Mt Gambier) will be scored to the same rules as above except that there will be no specified time allowed. However, it will still be required to arrive at the finish of the sub event with in the specified time window for this major control – see below.

12.4 Touring sections will not be timed but will be scored as a 60 minute penalty for missed time controls. These time controls will be open for a certain period of time and crews will be permitted to book in and out at any time during that time “window” Liberal amounts of time will be allowed for these sections, points should only be dropped if the competitors have problems. Navigation will generally be very simple, most of the time the original Repco Road Book, with modifications, will be used.

Control points will be located at many, but not all of the original locations. Of course there will be controls at new locations.

If you arrive at the time control at the end of a Touring section very late it may have closed and you will be deemed to have missed the control. If you miss a time control you will be required to report your whereabouts to the event organisers.

Summary of scoring for Touring Sections
- Missed major control: …………………….20 points per instance
- Wrong direction Major Control…………10 points per instance
- Missed observation:……………………..5 points per instance
- Missed Passage Control:…………………5 points per instance
- Wrong direction Passage Control…………5 points per instance

13. SCORING
Each run of each Sub-Event of the Event will be scored individually. Points will be awarded in order of finishing from highest to lowest as follows:
1st = 0 points, 2nd = 1 point, 3rd = 2 points, 4th = 3 points, and so on down to the last competitor. In the event of “Tied Places”, the average of the scores for those places will be awarded to each Crew. Thus, if three crews tied for second place, add 1+2+3 = 6, divided by 3 = 2 points per Crew.

Points lost on touring sections and those lost after sub event placings have determined will be added together to give the competitors total points loss for the event at that point.

14. JUDGES OF FACT
Control officials will be deemed judges of fact with respect to time and direction of entry to controls and passage controls, activity in control and exhaust system efficiency.

15. OFFICIAL MAPS
Maps will supplied by the organisers when accuracy is required. For the overall event the organisers have been using and recommend the RACV road maps of Victoria and South Australia but other maps such as the HEMA road atlas will suffice.

16. PROTESTS
Must be lodged in accordance with Part XII of the National Competition Rules.

17. COMMUNICATION
As much of the event will be outside mobile phone coverage, UHF CB radios are recommended equipment. These were used in the 1995 Mobil 1 Trial event and added greatly to the safety and enjoyment of competitors.

16. TRAINING SESSION
A Training and Information session will be held on Friday the 7th of August 2009 at a place and time to be advised.

18. AWARDS
Trophies will be awarded for the first three place getters in both the overall and the three day event. Further awards will be published in further regulations/instructions and will reflect the nature of the entries received.