

NATIONAL AUTOGRASS SPORT ASSOCIATION LTD



SCRUTINEERS ZOOM COMMITTEE MEETING

REF: ZMS6MIN111022/GIJ

TUESDAY 11 OCTOBER 2022 - 7.00pm

Contemporary notes from Zoom meeting.

Present

Name		League
J. Knipe	16	CGTRO(LINCOLN)
D. George	14	EAST ANGLIA
S. Heath	01	EAST MIDLANDS
	24	FENLAND
J. Bennet	02	GLOUCESTER
	18	KENT
N. Grasby	07	MIDLAND AP
P. Cooper	09	NORTH WESTERN
	21	NORTHERN IRELAND
G. Blackburn	10	NORTH YORKSHIRE
	25	SCOTTISH LEAGUE
B. Gould	15	SHROPSHIRE AA
S. Ford	05	SOUTHERN
P. Meli	04	SOUTH WALES
C. Allanson	19	THE DALES
A. O'Neill	23	IRELAND
A. Murray	06	WEST MIDLANDS
R. Gurney	22	WILTSHIRE
G. Green	12	YORKSHIRE
Mr R. Wyeth		NASA Director
Mr C. Allanson		NASA Director
M H. Luck		NASA Director & Stock Hatch SC
Mr D. George		NASA Scrutineer.
Mr A. Taylor		NASA Scrutineer.
Mr N. Taylor		NASA Scrutineers
Mr G. I. Jones		NASA Scrutineers Secretary.
Mr P. Peek		Stock Hatch SC

Mr A. Taylor welcomed all.

Social Media.

Concerns expressed regarding ill-informed comments and abuse on social media platforms, some by non-members. Reminder that comments should be passed via correct channels to officials. Abuse by members is a disciplinary matter.

Items from previous meeting.

Saloons - Non-proprietary wings/panels.

A sample of Yaris door skins been made – Has been checked and is to be permitted. They will be complete with the particular makers stamp and cost will be approx. £80 per pair.

Mudguards – Safety & Marshalls Committee.

Specials – Mr G. Berrisford has manufactured a prototype (similar to speedway type as originally suggested to safety committee) affixed to rear suspension arms and has been tested at recent BAS. Many positive comments. Other constructors are interested in providing samples for testing.

Tests will be carried out during 2023 to assess whether they are to be made mandatory.

Class 1 – Micra – 175/65x14 Tyres Trial.

So far not much difference in performance. Trial will continue for 2023, more volunteers required. However, the trial will not include any BAS/UKAC and/or Nationals qualifying rounds.

Seats

1. “Indi” seat – foam fill.

Example was checked at recent BAS. Many positive comments regarding support and comfort of driver. May help to ensure correct driver fit into seat.

Agreed to permit use for 2023.

2. Cushion removal.

Concern expressed regarding removal of “fixed in” seat cushions thus leaving a bare seat and removing driver support. Possibly a feature involved in recent back injury claims (Seats to be checked). Reminder that prohibition of modification of seat includes removal of fixed seat pads etc.

Agreed to amend rules to include confirmation of prohibition of removal of fixed pads etc.

3. Identification.

Concern expressed regarding use of unidentifiable seats that are claimed to be “motorsport” types.

Agreed to amend rules to include requirement for seat identification labels to be present.

4. Excess mounting holes.

Concern expressed regarding number of holes cut into seat – to be monitored and if regarded as excessive prohibited.

Class 2 – Experiment/Trialling of new cars.

The Suzuki Swift 1.3 16v. – Granted.

Fly By Wire Systems.

Discussion – Agreed to monitor for 2023 season. ECU’s may be inspected on certain vehicles for slew rate/map file/rev limit etc; settings.

Component Fit for Purpose.

Concern regarding some “drive flanges” have failed on track due to being lightened.

Constructor concerned has agreed to cease lightening to previous extent.

Reminder that all components must be fit for purpose.

Class 1 & 2 – removal of brackets.

Confirmed that the removal of “welded on” brackets prohibited.

Class 1 – Mini

Request to allow modified camshafts to allow greater competitiveness with modern cars. – Request denied.

Brakes – Line Lock Systems.

Confirmation that these are prohibited. Isolation of any part of a braking system is prohibited. Brakes on all wheels must work at all times.

Rule amendments for 2023.

There have been zoom meetings with Board and Class 3 and Specials constructors where the following have been considered and agreed in principle. There is a further meeting regarding Class 3 shortly.

Tagging - The tag colours may change in future.

Saloon Roll Cage Uprights.

Rules being clarified to confirm that uprights must be as close as possible to A and B pillars.

Vehicles that have gaps regarded as excessive will be subject to a NASA designated ballast/weight penalty.

Smoking/fuming vehicles.

Where making/producing smoke is deemed as excessive a vehicle may be subject to race disqualification.

Component Type & Material – All Classes

All components must be fit for purpose.

All nuts and bolts including half nuts must be of steel.

As of January 2025, the use of titanium fixings/mountings, suspension, wheel hub and steering components prohibited.

Internal engine components and exhaust systems may continue to be used.

Seats.

All seats must be complete with identification labels. Removal of fixed in cushions & padding prohibited. Proprietary chemical/foam infill permitted.

Seat support bars can only be drilled for fitting of welded inserts also alternatively seat mounting plates of specified size to be fitted.

Fuel Delivery.

Notification that whether the use of pre-programmed and/or programmable including fly-by-wire systems are to be controlled/permitted.

Brakes – All Classes

Start-line handbrakes are mandatory for 2023.

Conversion of a std. handbrake to a “Fly-off” type by repositioning ratchet permitted.

Brakes – Classes 3, 4, 5, 6, 7, 8, 9, 10.

Transmission “lock” brake on automatic vehicles permitted and may be used as a startline brake.

Tyres.

NASA Board issued tyre requirements incorporated into tyre rules. Where duplication existed to be deleted.

ATV and Quad Bike tyres prohibited. Aggressive tread block patterned tyres prohibited.

Option B tyre cost increase to £70 inc. VAT.

Classes

Class 1 – Aygo/C1/107 - Vehicle minimum weight reduced from 685Kg to **670Kg**.

Class 2 – Restrictor & Carburettor

Secondary devices after restrictor prohibited. Tubing between restrictor and manifold must be plain.

Carburettor must be complete with fuel delivery connection, throttle/accelerator cable connection, and working air inlet butterfly control.

Use of a fuel injection throttle body on an original standard production carburetted vehicle prohibited.

Bumpers. - For a Micra K10 an original rear bumper may be fitted as a replacement for a original front bumper.

Class 3.

Rule 2.7. Height of rear cross member confirmed to be 250mm (10”) from rearmost lowest horizontal point on floorpan.

Class 4.

Mini – 8 Port Cylinder head confirmed as prohibited.

All vehicles – Confirmation of conversion of a “side-draught” port cylinder head to a “down-draught” port cylinder head and/or vies-versa prohibited.

Exhaust.

Rule 15.2 - Confirmation that the floorpan is not deemed as part of the bodyline for the purpose of rule.

Stock Hatch

Rule 1.4 - VW and Seat Post 1983 Type 020 Gearbox.

The inner hub flange conical springs and conical thrust washers must be removed.

Rule 2.1 – Sound Deadening material and underseal if removed must be done by wire brushing or scrapping/scouring. Chemical dipping and/or shot/bead/sand blasting prohibited.

Rule 11.9- Oil Filter

Standard production original and direct proprietary replacement oil filter only permitted

Peugeot/Citroen Vehicles only.

The non-metal oil filter may be removed and replaced with a metal oil filter.

To achieve this, for Phase 2 and Phase 3 vehicles, the standard Phase 2 and Phase 3 exhaust manifold, downpipes and non-metal oil filter may be removed and replaced with the Mk1 exhaust manifold, downpipes and metal oil filter assembly.

No other modification is permitted.

Check Sheet – Peugeot Rally engines prohibited.

Specials

Use of mudflaps will be trialled in 2023 to assess their future use.

Chassis Panels. - Lower leg panel thickness to be specified – See Protection.

Protection

Rule 13.5 – Chassis side panelling forward of front roll cage upright to front of chassis to be of either 1mm thick steel or minimum 2mm ally thickness.

Suspension – Slider Clamps.

Rule 14.4 – Slider clamps must be fixed by a minimum of 6 number 8mm bolts/set screws.

Junior Specials – Weight limit increase. - *Committee Vote: (League Reps only) 14 FOR 1 ABST.*

Rule 8.2 - The total weight of the complete vehicle including driver at any time must be of an absolute minimum of **525 Kg.**

Note.

The weighing of a vehicle and driver separately rather than as a combination is restricted and must only be carried out with the permission of the competitor's parent/guardian. *(NB If this is ever carried out the competitor's weight must remain confidential between the parent/guardian and NASA weighing official/scrutineer).*

Tyres

Rule 25.1 – Notice that NASA is considering introduction of a specified control tyre for 2024 onwards.

Ballast

Rule 27.1 – Use of ballast to be permitted at specified locations on vehicle. Centrally at between foot pedals and chassis front and/or behind seat. Maximum permitted ballast weight = 25Kg.

Ballast fixings to be as previous "Specials rules" however, with addition of seal provision.

Class 8.

Rule 27.1 - Notice of NASA considering the introduction of a minimum weight limit. To be inclusive of vehicle and driver – Ballast location to be as Junior Specials.

Meeting Closed 10.30pm.

Copy of rule change wording to be attached to meeting notes upon distribution.

Class 3 Zoom meeting – TUESDAY 18 OCTOBER.

FUTURE ZOOM SCRUTINEERS COMMITTEE MEETINGS: TUESDAY 15 NOVEMBER @ 7.00pm.