



# NATIONAL AUTOGRASS SPORT ASSOCIATION LTD.

NASA --- SCRUTINEERS COMMITTEE MEETING

REF: S3MIN0614

SATURDAY, 28th JUNE 2014 - 12 NOON

METRO INN WALSALL.

Present

C. SCRUTINEERS	No.	LEAGUE	SCRUTINEERS CLUB
Y	16	CGTRO(LINCOLN)	CGTRO
*	25	C. SCOTLAND	TA
+Y	14	EAST ANGLIA	Wsx
Y	01	EAST MIDLANDS	
Y	11	ESSEX	
Y	24	FENLAND	
+Y	02	GLOUCESTER	
	18	KENT	
Y	07	MIDLAND AP	
*	09	NORTH WESTERN	
*	21	NORTHERN IRELAND	
Y	10	NORTH YORKSHIRE	
*	15	SHROPSHIRE AA	
Y	04	SOUTH WALES	
Y	19	THE DALES	
Y	05	SOUTHERN	
*	23	IRELAND	
Y	13	WEST WALES	
Y	06	WEST MIDLANDS	
*	22	WILTSHIRE	
Y	12	YORKSHIRE	

NASA Chief Scrutineer/Director

NASA National Scrutineer/Scrutineering Assistant

NASA National Scrutineer/Scrutineering Assistant

NASA Scrutineers Sec

APOLOGIES: Mr WB (Dir.). EAL C. Scrutineer. NWL C. Scrutineer.

Scrutineers marked + are Club scrutineers representing League in place of League Chief Scrutineer.

VISITORS:

**ASSOCIATION OF  
AUTHORISING  
BODIES**

Office: 46 Brookside, Alconbury, Huntingdonshire PE28 4EP  
Registered in England and Wales – Company No. 1716574

## 1. INTRODUCTION.

The NASA Chief Scrutineer welcomed those present, and thanked them for attending.

## 2. MINUTES OF PREVIOUS MEETING - 12/04/14 and MATTERS ARISING:

### Page 1. – Delegated powers.

WW Rep & National Scrutineer enquired of the current situation.

The NASA Chief Scrutineer explained that that this was still at Board. Ideally the National Scrutineers should be able to make scrutineering decisions on in the absence of, and thus behalf of The Chief Scrutineer. He and previous Chief Scrutineers were happy to allow delegation in absence, however since the Articles of Association had been changed the Board had to investigate further.

Brief discussion followed including reference to scrutineering queries by phone regarding Class 1 and others at BAS etc.

### Page 1. – Specials Steering rack mounting.

The Sp TL commented that the mountings causing concern were off the front bulkhead/chassis uprights.

In the event of a front impact the uprights deform and move back and the whole rack is then also pushed back into the driver's feet and the steering column/wheel pushed back into driver's chest area. Ideally there should be at least 50mm clear between the front and the rack to minimise this movement.

The NASA Chief Scrutineer confirmed that the rack should be mounted off the bottom chassis rails and not off the chassis upright bars.

See A.O.B.

### Page 1. – Measuring Equipment.

The NASA Chief Scrutineer explained that investigations were continuing. No decision had been made yet regarding purchase.

### Page 2. – Class 1 & 2 - Head Gaskets - Competition.

The WML Rep. enquired which ones were regarded as competition types. For the Mini a copper sandwich type was standard production and standard production replacement.

The NASA Chief Scrutineer confirmed that use of the copper "Sandwich" type (Copper/Heat resistant material/Copper) were permitted as they are a standard production item. The solid one piece types are competition only and cannot be used in any Class 1 car – Mini/Peugeot/Citroen/Micra/Yaris.

### Page 2. – Rear Beam – Competitor Mr. CM.

The EM Rep. confirmed that he had checked the beam and found it to be compliant.

### Page 2. - Class 1 – Mini 2 piece exhaust.

The WML Rep. enquired as to situation.

The NASA Chief Scrutineer confirmed they were permitted.

There were no other matters arising.

PROPOSED: CGTRO Rep.

SECONDED: EA Rep.

That the minutes be accepted as a true record.

**UNANIMOUS**

**CARRIED**

## 3. CORRESPONDENCE:

1. Email from Mr WB (Dir.).

a. Situation regarding lady driver seat on LM19.

It was explained that the seat (1 bolt) and harness had not been fitted correctly.

The NASA Chief Scrutineer recommended that lady drivers attend scrutineering at same time as men to ensure correct fitment.

b. UKAC.

Roll cages stopping non compliant and any issues with checked cars.

The Glos Rep. confirmed there was one vehicle but it had been dealt with.

2. Roll Cage Survey.

A letter to all league chairmen/ reps/ scrutineer from Leicester Club Chair was handed for information.

Its contents were noted.

The NASA Chief Scrutineer explained that the Board had made their decision. The required 2 years notice had been given for the roll cage requirements from January 2015.

The Y Rep. enquired of the sizes.

The NASA Chief Scrutineer confirmed the rule book states a minimum thickness of 2.5mm. Any cage found to be less will fail. The 3mm specified may due to manufacturing tolerances be below 3mm but will always meet the 2.5mm requirement. If a "2.5mm" tube is purchased due to manufacturing tolerances it may be below the required 2.5mm thickness – the risk is with the purchaser.

Samples of roll cage tubing passed around for all to see.

Discussion followed including reference to. Types of tube available. Methods of welding. Cars affected.

The NASA Chief Scrutineer recommended that 3mm thickness is always asked for.

The NASA Chief Scrutineer confirmed that the "Specials" classes are unaffected by the change to 30mm box. However the 2.5mm minimum is still a requirement.

The Y Rep. enquired if seat support bar is part of roll cage.

The NASA Chief Scrutineer explained that it may be dependant upon type of construction. If it also supports the harness then it is.

There was no other correspondence received.

#### **4. VEHICLE CONSTRUCTION RULES & REGULATIONS.**

##### **a. Class 1 & 2**

###### **i. Experimental vehicles / Trials.**

The NASA Chief Scrutineer confirmed that a DOHC 1.25 16v Fiesta had been issued with the number NASA 47. The vehicle had raced but required a roof number display panel to be fitted. It seemed to be performing OK with mid-field placing's.

###### Yaris Vehicles.

###### Air intake ducting.

The CGTRO Rep. enquired if any of the intake system can be removed. He passed around two photos of different cars engine bays. One with full intake system other with intake ducting system cut off at entry point into air box.

The NASA Chief Scrutineer confirmed that the intake system must be complete for all class 1 cars (*See Rule 1.10 Page 24*). See scrutineering information on last page of previous meeting minutes regarding Yaris. Of the two photos the vehicle with complete intake complies, the other must have system re-fitted correctly prior to racing again.

**Vehicles with modified or non- standard or cut or shortened intake systems cannot race.**

###### Yaris Wheels/Tyres.

It was confirmed that the Yaris was fitted with both 13" and 14" wheels as standard depending upon grade of model. The gearbox (C551) is the same regardless of wheel size.

The tyre size differs. The 13" have 155/70 or 155/80 tyres. The 14" have 165/65 or 175/65 tyres. The rolling radius is almost identical. – See Class 1 rules - *Rule vi on page 51*.

i.e. The tyre sizes must match those stated in the rules. The 13" wheels must have .../70 or .../80 profile tyres and the 14" must have .../65 profile tyres. Use of .../70 or .../80 profile tyres or 185 tyres on 14" wheels prohibited.

###### Micra Wheels/Tyres

The Micra could only use 13" rims at present.

(The later models (Beyond the cut off date) were fitted with 14" wheels but again the tyres were of lower profile and similar rolling radius as similar to Yaris).

###### Micra gearbox & CWP.

The NASA Chief Scrutineer confirmed that the correct gearbox & differential as per rule book must be fitted.

##### **b. Tyres – Update.**

The Tyre Co-ordinator & EM Rep. explained that nothing had changed since last meeting. However the Class 1 drivers were asking if specified patterns could be introduced. i.e. One that could fit all class 1 cars. He is investigating this further and felt that the Alaska 1 pattern would suit.

### **c. Chief Scrutineers Report.**

#### Scrutineering Standards.

The NASA Chief Scrutineer expressed concern that from attendance at race meetings and observing photographs placed upon the internet it is plain that the standard of scrutineering varies across the country from poor to good. There seem to be many cars racing that are plainly non-compliant.

This situation cannot continue as it is a potential source of difficulties insurance wise and other.

Seemingly vehicles are allowed to race despite non-compliant issues noted in licence from previous meetings the vehicle has attended not been dealt with. If a vehicle is incorrect and or previous noted defects not made compliant it cannot race.

Discussion followed including reference to. Various problematic competitors vehicles. Derogatory comments being made against officials of "Facebook" etc. Certain Club & league chairmen putting undue pressure on scrutineers to allow a non-compliant vehicle to race.

The NASA Chief Scrutineer explained that the "Facebook" type comments can be dealt with via NASA disciplinary procedures but they must be reported. The names of chairmen either League or Club that are putting pressure on scrutineers must be forwarded to him. He can then take action as necessary.

#### Stock hatch & F600.

The NASA Chief Scrutineer expressed concern regarding the lack of info being passed on to him regarding the additional rules for these classes as they were amended. As far as he was concerned they were either Class 6 (Stock Hatch) or Class 8 (F600) vehicles. Difficulties were arising due to the extra rules these formula have that he is unaware of. The situation where NASA scrutineers are seemingly overruled by these formulae officials is unacceptable.

The TD rep. commented that the classes' rules were available on the website, and the classes were gaining in popularity. However he would arrange for information to be sent to the NASA Chief Scrutineer.

#### Stature of Drivers.

The NASA Chief Scrutineer explained that a situation had arisen where "Larger" drivers were finding it difficult to enter and leave a race vehicle. Consequently they had had to cut down the passenger (nearside) door to allow them safe access and egress.

Whilst the cutting down of the passenger (nearside) door by ¼ is permitted for "normal" seat position vehicles, for "centrally seated" vehicles it is not. Some of the affected competitors are using "centrally seated" vehicles. They had also made the window net bigger to suit the extra opening and this did not visually prejudice the vehicle silhouette.

As this made some vehicle technically non-compliant advice was being sought from the insurers as there were many issues involved including egress from the vehicle following an on-track incident.

He invited comments.

Discussion followed including reference to. Number of "large" persons competing. Difficulties some have entering and leaving vehicle unaided. Issuing a letter or certificate of dispensation or exemption for each individual concerned that must be renewed annually for as long as person able to race or a set time period – only for "centrally seated" types. Permitting cut down doors for all vehicles.

#### Glass Tailgates.

The NASA Chief Scrutineer explained that there were now several vehicles fitted with a tailgate that was completely glass. The Scrut. Sec. explained that the CGTRO Rep. had raised the issue via email and that he (Scrut. Sec.) had carried out some investigation on the vehicles involved.

The vehicles known to be affected were. Toyota AYGO. Citroen C1. Peugeot 107. VW Up.

The NASA Chief Scrutineer explained that a draft rule saying that a vehicle with more than 2/3 glass required cross bars was to be discussed at Board.

The CGTRO Rep. explained that one of these vehicle was being used in Class 4 and the whole rear was open to the track. He felt that fitting crossbars or a safety bar as per Tigra cars would help to minimise the risk to the driver in the event of a severe rear impact.

The NASA Chief Scrutineer confirmed that the situation be monitored for future reference.

### **National Autograss Championships 2014 Scrutineers.**

A letter is sent in April/May to each League Chief Scrutineer requesting names, for duties at the NAC's.

Some Leagues have already replied - Any more??

Only 6 Leagues in total had bothered to reply out of 22. This was a very poor response.

For allocation list - See page 12. *Note. Volunteer scrutineers will be given gate refund and award for "Working" at NAC's.*

The gasket costs will only be paid for vehicles stripped on the day on the field.

Up to a maximum of : Class 1 & 2 £50, Class 3 - 10 £50.

Oil allowance of: All Classes - £20.

Bay 1 - Host league to supply 6 persons for brake/safety checks.

Bay 2 – Host league to supply 10 no "Signing on" persons – 1 per class.

General discussion followed on duties and workload at nationals.

See Scrutineering times guide in reminders section at end of minutes.

### **"Men's" Nationals.**

"Brake testing" personnel approx 6 persons required from "Host" league to assist NASA Scrutineers.

### **Noise**

The WW (Host League) Rep. explained that whilst the local council have been supportive to the racing they are insisting that the NASA noise regulations are policed correctly. Hence all race vehicles must comply. Silencers must have internal padding. Exhaust outlet must be pointing down as per 30 degree rule.

Council personnel may also be on site taking noise readings.

Non-compliant cars will not race.

### **"L & J" Nationals.**

"Brake testing" personnel approx 6 persons required from "Host" league to assist NASA Scrutineers.

The Club will be providing required personnel to assist NASA Scrutineers.

*Note. Pre-check sheets will be available for 2014 Nationals for competitors/officials.*

*They are on NASA website and will be attached to website version of minutes for downloading.*

*2 pages per Class. First page = Main compliant sheet for "Signing of". Second Page = Items for checking and "signing off".*

*Alternatively League scrutineers that have been sent copies may forward on to competitors..*

### **d. Rules Clarification requests from League Scrutineers.**

Class 1 – Mini ride height – Front.

Is there a limit on how low the front of a mini can be?

The NASA Chief Scrutineer explained that there was no stated measurement. However as a "Rule of Thumb" there must always be a clearance between the top of the tyre and the wheel arch. There must be sufficient clearance "As raced" for the wheel to turn and steer. The clearance can be checked with wood block, fingers (carefully), steel rule etc.

Class 1 – Kent cams.

The NASA Chief Scrutineer confirmed that the Class 1 Kent Cam was now cross-drilled and was acceptable for use.

Class 1 – Micra – Fuel Pump cover

The NASA Chief Scrutineer confirmed that the fuel pump cover must be retained.

Class 1 – Micra – Steering Column

The NASA Chief Scrutineer confirmed that the steering wheel height adjustment bracket must be "Welded up" as there is a potential for it to become loose whilst racing.

Class 2 – Micra - Alloy Rocker covers

The CI2 TL explained he had been approached by company wishing to produce alloy rocker covers for the MK1 Micra. They will be complete with breather.

Vote:

**FOR = 7**

**AGAINST = 3**

**ABSTENTION = 4**

**CARRIED.**

Class 3 – A35 – Rear Seating

The use of these vehicles seems to be blurring the line as to where the rear seat is.

Brief discussion followed including reference to. Most sat in rear foot-well forward of actual rear seat bench. Is this beyond original front seat adjustment?

The NASA Chief Scrutineer asked that all A35 race cars be checked for compliance.

#### Class 3 – Spaceframing.

Can an original RWD vehicle have a floor-frame with lift of bodyshell.

The NASA Chief Scrutineer confirmed “No” if a vehicle is made from an original RWD bodyshell then the bodyshell must be welded to the floor frame chassis. It may be constructed as a separate chassis and body but the body must then be re-fitted and welded on. It cannot remain as “Lift off”.

Also the vehicle must have the front engine compartment inner wings fitted.

#### Class 4 – Cylinder Head

Can port location be changed in the cylinder head. E.g. From side entry to top entry (Side-draught to down-draught).

The NASA Chief Scrutineer confirmed that “No” the ports must remain in the same plane of the head as original standard production.

#### Roll Cages – FIA Types

The NY Rep. enquired as to situation regarding FIA cages. A competitor wished to use one and insisted that it was legal for all motorsport (being FIA) including Autograss.

The NASA Chief Scrutineer confirmed that NASA Autograss is policed by NASA not FIA. FIA rules do not overrule NASA rules.

All cages must be NASA Rule compliant. NASA rules do not permit FIA cages. Therefore such a cage cannot be used for NASA Autograss racing.

### **5. DRAFT RULE CHANGES:**

The NASA Chief Scrutineer explained that the rule changes for 2015 were due for discussion at Board.

- a. Rule change requests from Leagues. – None
- b. Rule change requests from Chief Scrutineer. – None additional to above.
- c. Rule change requests from Board of Directors. – None additional to above.

### **6. ANY OTHER BUSINESS:**

#### Steering Columns – Collapsible types.

The NASA Chief Scrutineer enquired, in view of the discussion on steering rack movement, what was the feeling regarding use of collapsible steering columns.

General discussion followed including reference to. Types of columns used – Straight & direct from rack centre or with bend via hooks joints from side connection racks. Some competitors use vehicle standard production column that includes collapsible component and there has not been any recent cause for concern.

It was agreed that the use of suitable collapsible/crushable sections fitted into direct columns was acceptable.

#### Overalls – Two Piece types.

The NY Rep. enquired if two piece overalls were permitted.

The NASA Chief Scrutineer confirmed that “Yes” these can be used. A note to that effect is to be placed on the NASA website.

#### Licences.

Would it be possible to amend the layout of the licence page to allow space for seal numbers and club scrutineering stamps.

The NASA Chief Scrutineer will raise it at Board.

#### GDI Engines

The MAP Rep. enquired as to the situation regarding these engines. Concerns had been expressed within League regarding the high pressure used and results of a broken or damaged pipe.

Gasoline Direct Injection (GDI), also known as Petrol Direct Injection or Direct Petrol Injection or Spark Ignited Direct Injection (SIDI) or Fuel Stratified Injection (FSI), is a variant of [fuel injection](#) employed in modern [two-stroke](#) and [four-](#)

stroke gasoline engines. The gasoline is highly pressurized, and injected via a common rail fuel line directly into the combustion chamber of each cylinder, as opposed to conventional multi-point fuel injection that happens in the intake tract, or cylinder port.

In some applications, gasoline direct injection enables a stratified fuel charge (ultra lean burn) combustion for improved fuel efficiency, and reduced emission levels at low load.

The NASA Chief Scrutineer confirmed that further investigation is required. In the meantime GDI engines will not be permitted.

#### Hybrid Engines

The MAP Rep. enquired as to the situation regarding these engines. They have a fitment either built in or as an additional item or motor that stores electrical energy and then sends that energy back to the engine when required. It can provide a "power boost" at a time selected by the driver.

The NASA Chief Scrutineer confirmed that further investigation is required. In the meantime Hybrid engines or additional parts or motors that provide power other than via an aspirated system will not be permitted.

#### ECU – Modification of.

The Y Rep. enquired if it was not time to allow slight modification of ECU's. For some classes whereas previously off the start-line vehicles became spread out and did not "bunch" at the first corner. Now because they have virtually identical standard ECUs and engine power/gearing they arrive at the first corner say 5 abreast with multiple car incidents occurring. E.g. Recent incident at "Stock Hatch Nationals" resulting in hospitalisation of personnel.

The NASA Chief Scrutineer agreed to raise this at Board.

Meeting Closed 2.30 p.m.

N.B. REMINDERS:

1. **Next Meeting:**

2. **Rule Book & Licence.**

All members must be accompanied by their Rule Book and Licence at all times at a race meeting. Both the members Rule Book and Licence must be presented at "Scrutineering" and "Signing on" There must be a photograph of the member placed on the Licence.

4. **JUNIORS - Rule Book & Licence.**

All Junior Drivers must be accompanied by their Letter/Form of consent to race and Rule Book and Licence at all times at a race meeting.

The Letter/Form of Consent, Rule Book and Licence must be presented at "Scrutineering" and "Signing on"

There must be a photograph of the member placed on the Licence.

**"Orange" "Official" scrutineers jackets**

Not all "orange" "official" scrutineers jackets have been returned to Mr G. Jones following the previous years National Championships. Could they please be returned as soon as possible or brought to the National Championships for re-use.

**These jackets are intended for use at the National Championship Meetings only.**

They have not been generally issued to Clubs or Leagues for use locally.

If any are seen at race meetings then the Leagues concerned will be charged a certain sum of money and the jackets confiscated.

**2014 National Autograss Championships**

St Florence.  
Nr Tenby, Pembrokeshire  
SA70 8SY  
[www.2014nationals.co.uk](http://www.2014nationals.co.uk)

1<sup>st</sup> 2<sup>nd</sup> & 3<sup>rd</sup> August 2014.

Scrutineering times:  
(All to be confirmed)

FRIDAY: Noise Testing 2.00 p.m. -- 3.30 p.m. (Break 3.30 - 4.30)  
4.30 p.m. -- 7.30 pm.  
FRIDAY: Scrutineering 2.00 p.m. -- 4.00 p.m. (Break 4.00 – 5.00)  
5.00 p.m. -- 8.00 pm  
SATURDAY: Noise Testing 7.30 a.m. -- 8.30 a.m.  
SATURDAY: Scrutineering 7.30 a.m. -- 8.15 a.m.  
SUNDAY: Scrutineering 8.30 a.m. -- 9.00 a.m.  
(Repaired vehicles only)

**2014 Ladies & Junior National Autograss Championships**

Magor Raceway. Nr  
Newport, Monmouthshire.  
NP26 3RA (Off Jn. 23a M4)  
[www.2014nationals.co.uk](http://www.2014nationals.co.uk)

29<sup>th</sup> 30<sup>th</sup> & 31<sup>st</sup> Aug 2014.

Scrutineering times:  
(All to be confirmed)

FRIDAY: Noise Testing 2.00 p.m. -- 3.30 p.m. (Break 3.30 - 4.30)  
4.30 p.m. -- 7.00 pm.  
FRIDAY: Scrutineering 2.00 p.m. -- 4.00 p.m. (Break 4.00 – 5.00)  
5.00 p.m. -- 7.30 pm  
SATURDAY: Noise Testing 7.30 a.m. -- 8.00 a.m.  
SATURDAY: Scrutineering 7.30 a.m. -- 8.00 a.m.  
SUNDAY: Scrutineering 8.30 a.m. -- 9.00 a.m.  
(Repaired vehicles only)

**NOTE:**

Any scrutineer who wishes to take part in scrutineering duties at the NAC's must attend at least one scrutineers committee meeting.



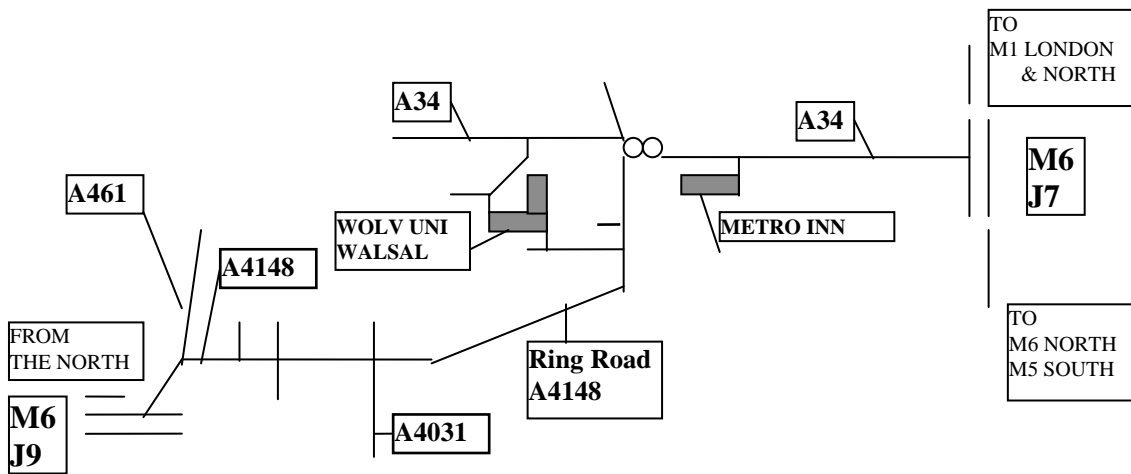
1. Scrutineers must give all assistance required to drivers/constructors in preparing vehicles to comply with the 2014 Edition Rule Book.
2. For future reference: **WANTED:**  
Details, photographs, etc. of reasons for vehicles to fail scrutineering, examples of incorrect or dangerous practices.
- 3 **FUTURE MEETINGS: 11.00 am**  
**Metro Inn, Birmingham Rd, Walsall WS5 3AB**

SATURDAY

04th OCTOBER

2015 Rules - Confirmation

**NASA AGM 30 November 2014**



People attending the meeting must park their vehicles in CAR PARK. PLEASE DO NOT PARK ON THE GRASS.

Follow signs to RECEPTION, a porter will then direct you to the correct room.

**You are advised to bring your own refreshments.**

**The premises has a NO-SMOKING rule.**

4. Comments required from leagues on:  
NASA Rules & Regulations - Clarification's, Changes for future etc.

=====

## 2014 NATIONAL AUTOGRASS CHAMPIONSHIPS - GENERAL SCRUTINEERING INFORMATION SHEETS.

The following is what is generally required at the NAC's.

The independent measurers for post final checking of vehicles, which should be available from 4.00pm to 12 Midnight on Sunday.

NAC:- Host League & NASA Officials.

Ladies & Junior NAC:- Host League & NASA Officials.

They will only measure and provide figures, actual engine cc is to be calculated by NASA Scrutineering Officials.

Also they will not necessarily measure the bore/stroke etc. of every vehicle, due to number of vehicles to be checked and short period of time available some measuring will be done by NASA Scrutineers, in the event of a dispute the independent measurer can check measurements taken by NASA Scrutineers. There is a temperature gauge available to obtain the temperature of the measured parts if necessary.

b). Scrutineering system.

As outlined in the NAC File with must be adhered to. Formal pre-checking of vehicles introduced.

**For the Men's NAC:-** 10 lanes are required, one per class - each lane to be 10 ft wide.

**For the Ladies & Jnr NAC:-** - Each scrutineering lane to be 10 ft wide and depending on the number of vehicles entered some classes may share lanes i.e. 2 Class 1 lanes, Class 2, Class 3 & 7, Class 4,5, & 6, Classes 8,9, & 10.

Where a vehicle is shared both drivers must be with vehicle when it is scrutineered. e.g. Class 1 Jnr. & Lady driver's. This to ensure the safety harness, crash helmet, seat, headrest etc. properly fit both driver's.

Both drivers must undergo a brake test.

Ambulance/First aid facilities to be available from start of scrutineering in case of injury/accidents in check lanes.

Scrutineering PASS stickers (pre-adhesived) for vehicles must be provided by host League, they are to be as NASA approved design and delivered to Scrutineers Secretary well in advance of start of scrutineering at each NAC.

**Scrutineering cannot begin until the stickers are available for use by the scrutineers.**

Host League scrutineers responsible for 1st safety check lane, under the control of Host League Chief Scrutineer.

Host League C. Scrutineer to be available at all times, with a league rep available to liaise as required throughout the meeting.

NASA scrutineers responsible for 2nd general check lanes, with National Scrutineers for lanes 1 - 5, and responsible for lanes 6 - 10, with The NASA Chief Scrutineer in overall charge.

If any Scrutineer has a query the first contact is the National Scrutineer for the class involved, if answer cannot be given/agreed The NASA Chief Scrutineer will be contacted to give final ruling.

**Scrutineering System - for Friday/Saturday checks the driver will be given the form at Bay 1 – Brake and safety checks, Scrutineers sign form state if passed/failed. If passed driver will present to Bay 2 scrutineer. Scrutineers checks vehicle. Once driver have been given a "Pass" the 'Bay 1 & 2' form is handed to signing on person.**

**If the driver loses the form then the vehicle will be completely re-scrutineered.**

**Sunday. If the vehicle is to be re-scrutineered for any reason then a new form will filled in accordingly and the vehicle re-checked using that form.**

Host League to provide a 'signing on' marshal at end of each 2nd check lanes. Also, each 'signing on' marshal to be provided (by Host League) with a suitable clipboard, pen, and container/plastic bag for scrutineering forms.

All 'Bay 1 & 2' scrutineering forms to be returned to Scrutineers Secretary after scrutineering ceases on each day.

If inclement weather forecasted then it is recommended that end of 2nd check lanes to be provided with waterproof covering. e.g. scaffolding and tarpaulin cover.

All 2nd check lanes shared i.e. not wholly manned by scrutineers from same league.

Scrutineers cannot check their qualified class, or that of their partner/child, if they or their partner/child is racing at the NAC's.

Driver to be in race trim i.e. with overalls, helmet on, vehicles to be without tools, spare wheels, jacks, etc.

### **VEHICLE IDENTIFICATION CLUB LETTERS & NUMBERS TO BE PLAIN BLACK ON WHITE PANEL - AS SHOWN ON DIAGRAM IN RULE BOOK.**

**(No shading, blocking, outlining, leaning, "Stock Car" styling, etc.).**

When dealing with drivers etc. all scrutineers must try to be as tactful and as helpful as possible.

If a driver is abusive, scrutineers can refuse to check his/her vehicle and the driver will be reported for disciplinary action by NASA.

Vehicles in doubt to be directed to one side, to prevent build up of queues etc.

**Marshals (minimum 10 No.) required from Host League to keep out Mechanics, Drivers family, friends, children and all other spectators etc.**

### **RESERVE vehicles may be scrutineered on the Friday evening.**

Reserve vehicles will be scrutineered, then directed to a separate holding area until they are informed whether they are required, Drivers are advised to stay with their vehicles.

Substitute vehicles must have the correct form with them otherwise they cannot be scrutineered. **SUBSTITUTE vehicles may be scrutineered on the Friday .**

Substitute vehicles will be directed to the pits.

Refreshments must be available to scrutineers from start of scrutineering, on Friday eve up to and including the end of Post Race scrutineering on Sunday evening.

Scrutineers will be given passes etc. Host League C. Scrutineers to check arrangements for refunds etc. to Officials at each NAC. NAC treasurers to liaise with Scrutineers Secretary regarding numbers of scrutineers eligible for refund.

**N.B. : All Scrutineers must pay the race meeting entry charges, unless they are given complementary tickets. Men's NAC: Scrutineers who "work" on Friday afternoon/eve only and disappear for rest of NAC's will not be eligible for refund.**

Separate camping will be provided for Officials including scrutineers, to allow minimum disturbance to other campers etc.

Camping site open : NAC: **Thursday** to **Thursday**  
Ladies/Jnr NAC: **Thursday** to **Monday**

Host Leagues to confirm Officials camping areas & dates/times to all NASA Leagues etc.

The pits/vehicle storage areas:

These will be patrolled during the nights. For vehicles not racing at the Men's NAC's but racing locally after Men's NAC's a separate compound may be made available for storage, such vehicles will not be permitted to be stored in campsite. ---- Host League C. Scrutineer/L. Chairman to confirm & advise.

Scrutineers & Officials own vehicles to be given priority at scrutineering, as this will release them for scrutineering & official duties as soon as possible, otherwise unnecessary delays may occur.

Scrutineers vehicles will be checked by the NASA Chief Scrutineer and National Scrutineers.

All vehicles will have raced and therefore should be legal. Vehicles with major faults should not have qualified.

**Scrutineers to check qualified vehicles before the NAC's & ensure that defects were fixed.**

Should any vehicle fail completely to pass Pre - Race scrutineering all defects must be listed in both the Licence and Rule Book of the driver, this will prevent such vehicles racing until faults corrected.

The welding bay costs must be on display, e.g. cost per foot of metal, etc. and will be reasonable.

Class 2 restrictors will be paint sealed at pre-race scrutineering.

#### **Post Race Scrutineering:**

Ambulance/First aid facilities to be available in case of injury/accidents in scrutineering area.

Marshals to be provided by host league to keep spectators etc. out of scrutineering areas.

Those attending including competitors, mechanics, must sign the attendance sheet for identification purposes.

Badges will be provided for post race scrutineering, in order to identify those people that are entitled to be there, all others will be told to leave the checking area.

Marquee will be provided for scrutineers, with tables & chairs and plywood floor etc.

Following to be provided:-

Engine hoist - 2 No to be provided by host league.  
Sturdy Benches for engines.  
Lighting for evening use.  
Containers/boxes required for waste oil, parts etc.  
Rags etc. to be provided.

A few tools to be provided by host league.

All must be marked as property of host league to prevent them going "missing". Some items have disappeared at previous NAC's. i.e.

- |                          |                                    |                         |
|--------------------------|------------------------------------|-------------------------|
| a) Mini flywheel puller. | b) 2 No. Valve spring compressors. | c) Spark plug spanners. |
| d) Hammer.               | e) Set Screwdrivers                | f) Set Metric spanners. |
| g) Set AF spanners.      | h). 32mm socket for Mini.          |                         |

Scrutineers to keep vehicles under observation; - to prevent drivers altering/removing illegal items. etc.

Independent measurer - provided by Host league. - see earlier discussion.

Strip downs - Depending on time available, type of engines and weather conditions etc.

All finalists in Class 1.

All finalists in Class 2 will have their restrictors checked and bore/stroke & Palgrave checks as required.

If conditions and time etc caused the all Class 2 Finalists to be not checked the remainder will be sealed.

First and second in class 3, 4, 5, 8 & 9 will have bore/stroke check and or be sealed.

Second in the above classes is checked as a precaution in case the first place vehicle is found not to comply with the cc rules.

First in Class 6, 7, &10. - Depending on types of engines.

The principal Class Scrutineers must be with the respective class vehicles during post race scrutineering.

**N.B. Vehicle driver & mechanic to provide own tools(including any specialist tools required) and remove items as directed by scrutineers.**

**Vehicles must be checked prior to removal from race meeting, otherwise any prizes etc. will be forfeited.**

**Abuse from Driver/mechanic, families, club/league officials will be noted and passed on to NASA Directors for disciplinary action.**

**If a driver/mechanic persists in being abusive the Scrutineering Officials can refuse to proceed with the check, and the vehicle will be deemed illegal, and all prizes forfeit.**

There may be NASA Directors in the area to observe, in order that they glean a clear picture of events to assist them in making decisions should any vehicle be reported to them for irregularities, and if there are any appeals.

Should any vehicle fail Post - Race scrutineering all defects must also be listed in both the Licence and Rule Book of the driver, this will prevent such vehicles racing until faults corrected (see also reference to form VL1).

All scrutineers etc; to emphasise the above to qualified drivers in own leagues.

The same system of post race scrutineering forms would be used as in previous years.  
This involved the issue of various forms to the drivers of vehicles attending post race scrutineering.

**Form D1:**

Will be issued to drivers of vehicles found not to comply with rules, listing faults and stating that vehicle cannot be raced again until it complies with rules.

**Racing under appeal".**

At NASA events there is no such thing as 'Racing under appeal', if a vehicle has been reported for failing post race scrutineering then it **CANNOT** race at **ANY** race meeting until the defects have been corrected, and form VL1 filled in.

**Form VL1.**

Will be issued with form D1, to be filled in by local League Chief Scrutineer once vehicle has been checked and found to comply with rules.  
There is a tear off strip at bottom of form to be returned to Scrutineers Secretary for information.

The remaining part of the form to be retained by the driver and kept with his licence to be produced at scrutineering every time the vehicle is raced until the end of the year.

(This to prove to others that any faults found have been corrected to prevent the driver being "victimised" at race meetings following the NAC's)

**Form AP1.**

Is issued with form D1 and VL1 should the driver wish to appeal, to be returned to NASA Secretary within 7 days.

Copies of any of the above issued at the NAC's will be passed to NASA Secretary and Local League Chairmen etc.

**Form CL1.**

For legal vehicles, drivers will be given this form for claiming oil allowance and cost of gaskets.  
To be returned to NASA Secretary complete with receipt for gaskets within 7 days.

**N.B. The gasket costs will only be paid for vehicles stripped on the day on the field.  
Up to a maximum of : Class 1 & 2 £50, Class 3 - 10 £50.  
Oil allowance of: All Classes - £20.**

**Where a driver insists on having the engine checked at the vehicle's owners garage/engine builders premises, the driver must pay in advance the NASA approved scrutineers travelling costs, at the NASA approved rate per mile.**

**This check must be done within 14 days of the NAC concerned.**

**If the driver refuses to pay, the vehicle will be deemed as being illegal and all prizes forfeit.**

**The driver may subject to the NASA Directors and the NASA Chief Scrutineer's approval, be checked at the NASA approved scrutineers premises.**

**CLASS SCRUTINEERS:**

**Orange Officials Jackets:**

Any jackets "borrowed" at previous years NAC's be returned at this years NAC's please. Some have been seen in use at various League Open meetings.

**Leagues will be charged for them if not returned.**

**Scrutineers.**

A letter is sent in April/May to each League Chief Scrutineer requesting names, for duties at the NAC's. The listing shown is based on returned information.

**Scrutineering:**

<b>MEN'S</b>	(All to be confirmed)	<b>LADIES &amp; JUNIOR</b>	(All to be confirmed)
<b>FRIDAY: Noise Testing</b>	<b>2.00 pm – 3.30 p.m.</b>	<b>FRIDAY: Noise Testing</b>	<b>2.00 pm – 3.30 p.m.</b>
<b>FRIDAY: Scrutineering</b>	<b>2.00 pm – 4.00 p.m.</b>	<b>FRIDAY: Scrutineering</b>	<b>2.00 pm – 4.00 p.m.</b>
	<b>5.00 pm – 8.00 p.m.</b>		<b>5.00 pm – 7.30 p.m.</b>
<b>SATURDAY: Noise Testing</b>	<b>7.30 am – 8.30 am</b>	<b>SATURDAY: Noise Testing</b>	<b>7.30 am – 8.00 am</b>
<b>SATURDAY: Scrutineering</b>	<b>7.30 am – 8.15 am</b>	<b>SATURDAY: Scrutineering</b>	<b>7.30 am – 8.30 am</b>
<b>SUNDAY: Noise Testing</b>	<b>As required</b>	<b>SUNDAY: Noise Testing</b>	<b>As required</b>
<b>SUNDAY: Scrutineering</b>	<b>8.30 am – 9.00 am</b> <b>(Repaired vehicles only)</b>	<b>SUNDAY: Scrutineering</b>	<b>8.30 am – 9.00 am</b> <b>(Repaired vehicles only)</b>

**Bay 1:** Host League members: Host Leagues to forward list of names a.s.a.p. Minimum = 6 Scrutineers & 4 Marshals Total = 10.

**Bay 2:** Host League members: "Signing On" personnel - Minimum = 1 per lane Total = 10.

**Bay 2 : NASA CLASS SCRUTINEERS LIST PROVISIONAL**

CLASS	MEN'S		LADIES & JNR	
	SCRUTINEER	CLUB/LEAGUE	SCRUTINEER	CLUB/LEAGUE
<b>1</b>	V. Wallis	SS	V. Wallis	SS
	S. Knott	YD	S. Knott	YD
	Dave Digby	SN	Dave Digby	SN
	<i>A.N. Other</i>		<i>A.N. Other</i>	
<b>2</b>	M. Bevans	WW	M. Bevans	WW
	R. Lillington	S	R. Lillington	S
	B. Lewis	Pac	B. Lewis	Pac
	M. Uka	Pac	M. Uka	Pac
	J. Mason	BH	J. Mason	BH
<b>3</b>	D. George	EA	D. George	EA
	R. Simmonds	L	R. Simmonds	L
	T. Simmonds Grant	SN	T. Simmonds Grant	SN
<b>4</b>	K Jones	SW	K Jones	SWL
	N. Lewis	Pac	N. Lewis	Pac
	G. Major	Pen	G. Major	Pen
	<i>A.N. Other</i>		<i>A.N. Other</i>	
<b>5</b>	J Knipe	CGTRO	J Knipe	CGTRO
	D. Creed	BH	<i>A.N. Other</i>	
	O. Marks	SW	<i>A.N. Other</i>	
	<i>A.N. Other</i>		<i>A.N. Other</i>	
<b>6</b>	R. Corbett	Pac	R. Corbett	Pac
	N. Reed	SW	N. Reed	SWL
	M. James	Cm	M. James	Cm
	<i>A.N. Other</i>		<i>A.N. Other</i>	
<b>7</b>	G. Bennetto	GLOS	G. Bennetto	GLOS
	G. Pemberton	CA	G. Pemberton	CA
	I Fay	WS	I. Fay	WS
	D. Neville	Ca	D. Neville	Ca
<b>8</b>	P. Cooper	NW		
	T. Allen	EM	<b>J.Sp</b>	
	J. Heseltine		K. Taylor	CA
<b>9</b>	<i>A.N. Other</i>	CA	<i>A.N. Other</i>	
	<i>A.N. Other</i>		<b>8/9/10</b>	
	<i>A.N. Other</i>		R. Hazard	S/CGTRO
	<i>A.N. Other</i>		S. Rawsthorne	Nott
<b>10</b>	R. Hazard	S/CGTRO	T. Allen	EM
	S. Rawsthorne	Nott		
	<i>A.N. Other</i>			
	<i>A.N. Other</i>			

**NOISE:** P. Pearce A.N. Other

**Note:- Other Scrutineers are required to replace 'A.N. Other' and welcome to turn up on day & volunteer. Each Scrutineer will be given refund & award to commemorate work at NAC's.**

Scrutineers to remain within allocated lanes. They must not congregate around vehicles in neighbouring lanes. This may give a mistaken impression that the vehicles concerned are illegal when they may be not.

**ROLL CAGES** :- Random checks to be done in Bay 2.

ROLL CAGE checks to be random as it is not practical to check every bar on every roll cage. Also local scrutineers should have already checked them.

The list is provisional, there will be a meeting of scrutineers at approx. 1.45 p.m. on Friday eve to confirm class allocation, as not all scrutineers listed may be available.

If any other scrutineers not mentioned wish to help at the NAC's then would they please contact Scrutineers Secretary as soon as possible.

**Class 2:**

All restrictors will be paint sealed in Bay 2. The seals cannot be broken without the presence of a Class 2 Scrutineer. If a seal is found to be broken without authorisation then the vehicle will immediately be disqualified from the NAC.

**Duty Scrutineers:**

There will be two scrutineers on duty at all time during the NAC's, to re-scrutineer vehicles following accidents, roll over's etc. They will be picked for a 2 hourly shift basis on each day.

De brief Meeting:

After each scrutineering session there will be a short meeting of scrutineers to discuss problems etc. at the NAC's.

**Start-line:**

As each Class is in the in the starting bay area, there will be the Class scrutineers available to ensure that helmets, and safety harnesses are a good fit on the driver, and to check that the vehicles have not been subject to an illegal modification to gain advantage etc. e.g. removal of silencers. Scrutineers whose Class is not in the areas must not congregate in the Start-line areas.

Repairs to vehicles cannot be done in Start-line area.

Host League to ensure that there are enough Start-line personnel to line up vehicles etc. in the past scrutineers have often ended up doing it.

**Re-run lane: Repairs to vehicles:**

The Chief Marshal agrees repairs will only be done in the re-run lane, within his specified time limit. Only Driver and 1 Mechanic allowed. If the vehicle is not ready then the re-run will continue without affected vehicle. Also any vehicle needing major repairs as a result of taking part in a race must be re-scrutineered following repair and before being permitted to enter re-run or any other race.

**NOISE: - Noise tests will be carried out.**

Person responsible for noise testing is to be confirmed. A team of approx. 3 helpers is required for the NAC's.

There will also be random noise tests upon vehicles during the race meeting.

There will be no tolerance on the NASA set noise level of 102 dBA.

It was pointed out that at previous NAC's certain drivers had altered their exhausts after passing the noise test but prior to a race to remove or amend modifications necessary to pass the noise tests.

**ANY DRIVER DOING THIS WILL BE IMMEDIATELY DISQUALIFIED FROM THE RACE HEAT or FINAL CONCERNED.**

**Also the chief marshal may request a noise check for certain vehicles as they leave the race track to enter the pits. If they are found to be above the noise limit they will be disqualified from that race.**

To ensure that there are no failures due to excessive noise it is recommended that vehicles are tested at local level, any vehicles found to be on the limit are encouraged to increase the amount silencing fitted.

**NOISE:**

- i. Recommended that all start line scrutineers/personnel wear ear defenders/ear plugs as the noise levels can be above a limit of 90 dBA/per hour, which if a person is continually exposed to may cause permanent hearing damage.
- ii. Classes 7, 8 and 10 particularly motorbike engined vehicles have been found to be close to or above the limits, the original bike engine silencer is not always sufficient to ensure compliance with noise limit. This to be drawn to the attention of the vehicles driver's.

**HEADRESTRAINTS:**

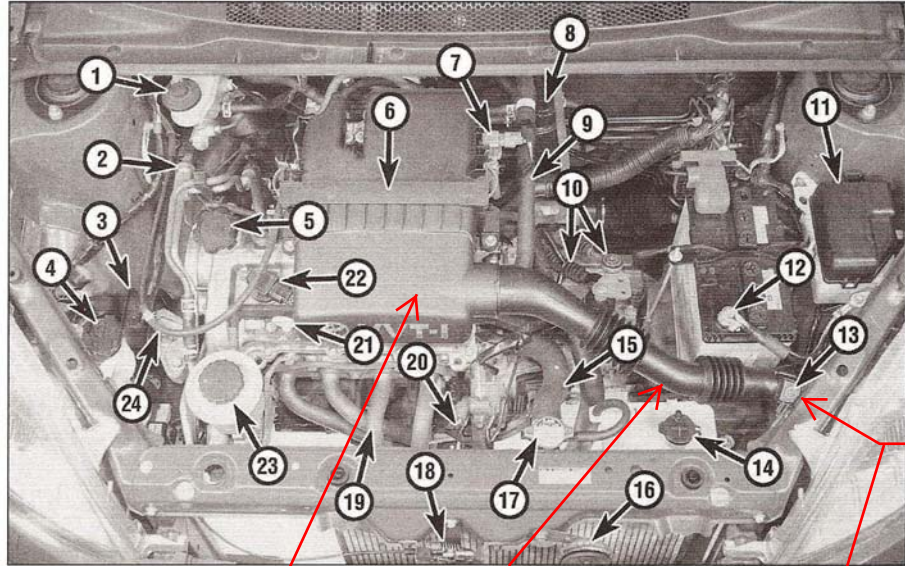
- i. Particular attention will be paid to head restraints for all vehicles, please ensure compliance to rules for all vehicles, including those fitted with high back competition type seats. The head restraint of such seats is not always high enough and an additional head restraint may need to be fitted, this is easier to do at home, rather than in a panic at the NAC's.

**NOTE.** The practise of allowing temporary modifications to enable head restraints to comply will not be permitted.

TOYOTA YARIS - Under bonnet View.

Underbonnet view of a 1.0 litre engine model

- 1 Brake/clutch fluid reservoir
- 2 Power steering pressure switch
- 3 Engine right-hand mounting
- 4 Washer fluid reservoir
- 5 Engine oil filler cap
- 6 Air cleaner housing
- 7 Canister purge valve
- 8 Charcoal canister
- 9 Heater hose
- 10 Gearchange cables
- 11 Engine compartment fusebox
- 12 Battery negative terminal
- 13 Air inlet duct
- 14 Coolant expansion tank
- 15 Radiator top hose
- 16 Horn
- 17 Radiator pressure cap
- 18 Bonnet lock
- 19 Exhaust manifold
- 20 Clutch bleed screw
- 21 Engine oil dipstick
- 22 Ignition coil
- 23 Power steering fluid reservoir
- 24 Accelerator cable



Scrutineering check:  
Duct must have trumpet type end and must terminate approx this point.

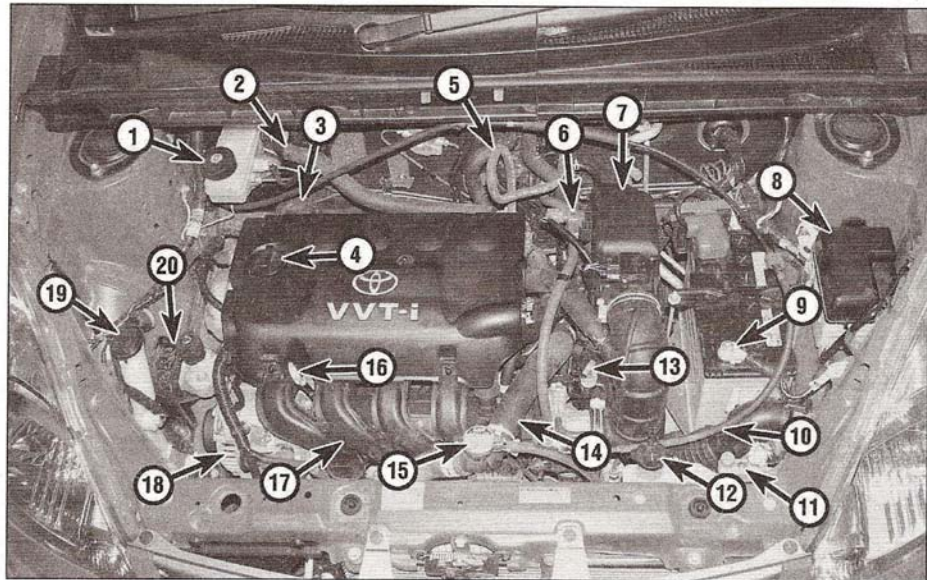
Scrutineering check:  
Check filter housing for any cuts or holes.

Scrutineering check:  
Check duct has not been shortened or has been cut or holes drilled/cut into it. Check flexibles for razor blade cuts.



Underbonnet view of a 1.3 litre (2NZ-FE) engine model

- 1 Brake/clutch fluid reservoir
- 2 Brake servo vacuum hose
- 3 Power steering fluid reservoir
- 4 Engine oil filler cap
- 5 Fuel supply hose
- 6 Canister purge valve
- 7 Air cleaner housing
- 8 Engine compartment fusebox
- 9 Battery negative terminal
- 10 Accelerator cable
- 11 Air conditioning sight glass
- 12 Coolant expansion tank
- 13 Automatic transmission fluid dipstick
- 14 Radiator hose
- 15 Radiator pressure cap
- 16 Engine oil dipstick
- 17 Inlet manifold
- 18 Alternator
- 19 Washer fluid reservoir
- 20 Engine right-hand mounting



1.3 engine not allowed in Class 1.

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

**CLASS:** 1

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b>	<b>PASS</b>	<b>COMMENTS</b>
MAX = 102 Db (A)		
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b>	<b>PASS</b>	<b>COMMENTS</b>
AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE		

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and separately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.





**NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**CLASS:** **1 JNR**

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

**CLASS 1 - JNR NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<b>GENERAL</b>			No.	<b>DRIVERS COMPARTMENT</b>		
		P	F			P	F
1	NOISE + BRAKE TEST PASS STICKER.....			47	CRASH HELMET BS NUMB'RS.....		
2	IDENTIFICATION TYPE OK.....			48	CRASH HELMET NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			49	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			50	SAFETY HARNESS MIN 5 PT FIX.....		
5	BODYSHELL COMPLETE.....			51	NOT CUT/DAMAGED,BUCKLE OK.....		
6	ORIGINAL BONNET.....			52	HEAD RESTRAINT.....		
7	BOOTLID/TAILGATE/VALANCE WINGS.....			53	ARM RESTRAINT SYSTEM OK.....		
8	NO SKINNING.....			54	SEAT CORRECT.....		
9	STD REPLACEMENT PANELS.....			55	SEAT SUPPORT+MOUNTINGS.....		
10	NO REINFORCEMENT.....			56	FIRE EXTINGUISHER CORRECT.....		
11	ALL DOORS WELDED.....			57	FIXED & WITHIN DRIVER REACH.....		
12	DRIVER'S DOOR MNF'RD HEIGHT.....			58	IGN SWITCH WITHIN DRIVER REACH.....		
13	PASS'NGR DOORS 3/4 MNF'R HGHT.....			59	NO HOLES IN FLOOR.....		
14	TOWING EYE 50mm @ FRONT + REAR.....			60	BULKHEAD COMPLETE.....		
15	SCREEN MESH 1" * 1"(25mm * 25mm).....			61	ORIGINAL FLOORPAN.....		
16	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			62	FLOORFRAME OK.....		
17	ROLL CAGE DESIGN + FIT OK.....			63	FUEL TANK SHIELDED.....		
18	DOOR BARS/BRACE BARS OK.....			64	FUEL/OIL/WATER PIPES COVERED.....		
19	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....			65	MICRA+YARIS - HANDBRAKE OK.....		
20	ROLL CAGE NASA FULLY WELDED.....			66	STD STEERING SYSTEM.....		
21	ROLL CAGE OTHER BOLTED/WELDED.....			67	SINGLE COLUMN LOWER'G BRKT.....		
22	ROLL CAGE FEET / F Frm PLATED.....			68	MICRA - COLUMN PADDED.....		
23	BUMPERS OK.....			69	MICRA - PANHARD ROD OK.....		
24	NO FRONT PROTECTION.....			70	ALL CARS - SHOCKS + SPRINGS OK.....		
25	REAR PROTECTION.....						
26	FUEL/OIL TANK PROTECTION.....				<b>ENGINE COMPARTMENT:</b>		
27	BATTERY CUT OFF SWITCH WORKING.....				<b>CYLINDER HEAD CAST No's</b>		
28	BATTERY BOX/TRAY (All BATT's) OK.....			71	MINI 1000cc - 12A1456 / CAM4810.....		
29	FUEL TANK 2 GALL MAX.....			72	HEAD CASTING OK.....		
30	TAP IF FITTED INTEGRAL.....			73	MINI - ROCKER GEAR OK.....		
31	VENT PIPE TO BELOW FLOOR.....			74	MINI - SINGLE VALVE SPRINGS.....		
32	FIRE HOLE IF ENCLOSED.....			75	MINI - BY-PASS HOSE OK.....		
33	NO FUEL/OIL/WATER LEAKS.....			76	STD ENGINE STABILISER/MTGS.....		
34	FUEL PUMP TYPE OK.....			77	CARB RETURN SPRING.....		
35	WHEELS & TYRES COVERED 2"(50mm).....			78	STD AIR FILTER BOX.....		
36	WHEEL TYPE + WIDTH OK.....			79	STD CARB/FI.....		
37	WHEEL STUDS FULL NUT THREAD.....			80	AX/106 AIR INTAKE DUCT/VENTURI OK.....		
38	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....			81	MICRA+YARIS - AIR INTAKE DUCT OK.....		
39	WHEEL SPACERS MINI BL 1/8" ONLY.....			82	MICRA+YARIS - NO OIL RAD/COOLER.....		
40	ALL WHEELS SAME SIZE.....			83	DISTRIBUTOR OK.....		
41	TYRES Option 'A' or 'B' only.....			84	ENG/G'BOX SEALING WIRE HOLES.....		
42	TYRES - NO BULGES/CUTS.....			85	STD INLET / EXHAUST MANIFOLD/SYSTEM.....		
43	MINI TYRES 145 * 10 or 145 / 155 * 12.....			86	RADIATOR/HEATER MATRIX STD, IN ORIGINAL POSITION.....		
	AX/SXO/106 - 145 / 155-70 *13.....			87	ALL CARS - GEARBOX CORRECT.....		
	Micra - 135-80 / 145-80 / 155-70 *13.....			88	ALL CARS - DIFF TURNS FREE.....		
	Yaris-155-70/155-80*13or165-65/175-65*14.....						
44	SECONDARY FASTENINGS OK.....						
45	NO SHARP PROJECTIONS.....						
46	NO BALLAST.....						

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

**NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**CLASS:** 2

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____	Db (A) @ _____	REVS / MIN _____

<b>GENERAL INSPECTION</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>
---	-------------	-----------------

<b>NOISE TEST &amp; GENERAL INSPECTION</b> ITEMS	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.  
  
The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

CLASS 2 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE - CHECK LIST - 2014

\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \*

No.	GENERAL	P	F	No.	DRIVERS COMPARTMENT	P	F
1	NOISE + BRAKE TEST PASS STICKER.....			49	CRASH HELM'T BS NUMBERS.....		
2	IDENTIFICATION OK.....			50	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			51	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			52	SAFETY HARNESS MIN 5 PT FIX.....		
5	BODYSHELL SAL/H/BACK COMPLETE.....			53	NOT CUT/DAMAGED,BUCKLE OK.....		
6	TAILGATE/BOOTLID,VALANCE, WINGS.....			54	HEAD RESTRAINT OK.....		
7	ORIGINALENGINE COVER/BONNET.....			55	ARM RESTRAINT SYSTEM OK.....		
8	STD REPLACEMENT PANELS.....			56	SEAT CORRECT.....		
9	CORRECT LIMITED SKINNING.....			57	SEAT SUPPORT+MOUNTINGS.....		
10	NO REINFORCEMENT.....			58	FIRE EXTINGUISHER CORRECT.....		
11	AIR COOLING HOLES OK.....			59	FIXED & WITHIN DRIVER REACH.....		
12	ALL DOORS WELDED.....			60	IGN SWITCH WITHIN DRIVER REACH.....		
13	DRIVER'S DOOR MNF'RD HEIGHT.....			61	NO HOLES IN FLOOR.....		
14	PASS'NGR DOORS 3/4 MNF'R HGHT.....			62	NO SHARP PROJECTIONS.....		
15	TOWING EYE 50mm @ FRONT + REAR.....			63	ORIGINAL FRONT/REAR BULKHEAD COMPLETE.....		
16	SCREEN MESH 1" * 1"(25mm * 25mm).....			64	NO HOLES.....		
17	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			65	ORIGINAL FLOORPAN & BOOT FLOOR COMPLETE.....		
18	ROLL CAGE DESIGN + FIT OK.....			66	FLOOR FRAME OK.....		
19	DOOR BARS/BRACE BARS OK.....			67	FUEL TANK SHIELDED.....		
20	ROLL CAGE NOT MEDIUM FOR WATER FUEL / ELECTRICS.....			68	FUEL/OIL/WATER PIPES COVERED.....		
21	ROLL CAGE NASA FULLY WELDED.....			69	EXHAUST TO REAR, EXIT OK.....		
22	ROLL CAGE OTHER BOLTED/WELDED.....			70	EXHAUST SHIELDED.....		
23	ROLL CAGE FEET / F Frm PLATED.....			71	<b>ENGINE: 1300cc MAX</b>		
24	NO FRONT PROTECTION.....			72	BONNET/ENGINE COVER ST'D		
25	REAR PROTECTION.....			73	NO BULGE/AIR BOX ETC.....		
26	NO BALLAST.....			74	WIRE SEALING HOLES.....		
27	SECONDARY FASTENINGS OK.....			75	STD ENGINE/GEARBOX M'T'GS.....		
28	BATTERY CUT OFF SWITCH WORKING.....			76	RADIATOR: NOT COMMERCIAL VEHICLE TYPE.....		
29	BATTERY BOX (ALL BATTERIES) OK.....			77	STD DISTRIBUTOR.....		
30	FUEL TANK 2 GALL MAX.....			78	CARB RETURN SPRING.....		
31	TAP IF FITTED INTEGRAL.....			79	<b>RESTRICTOR PLATE:</b>		
32	VENT PIPE TO BELOW FLOOR.....			80	32mm Dia.....		
33	FIRE HOLE IF ENCLOSED.....			81	4mm MIN / 10mm MAX THICK.....		
34	NO FUEL/OIL/WATER LEAKS.....			82	WIRE SEAL.....		
35	WHEELS & TYRES COVERED 2"(50mm).....			83	PAINT SEAL.....		
36	WHEEL STUDS FULL NUT THREAD.....						
37	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....						
38	WHEEL SPACERS ONE PIECE SOLID.....						
39	WHEEL SIZE OK-FWD 13/14" RWD MX17".....						
40	TYRES Option 'A' or 'B' only.....						
41	TYRES - NO BULGES/CUTS.....						
42	STD STEERING SYSTEM.....						
43	STD/QUICK RACK.....						
44	ORIGINAL SUSPENSION MOUNTINGS..... WEDGES ONLY.....						
45	ADDITIONAL/ALTERNATIVE SPRINGS/ SHOCK ABSORBERS ONLY.....						
46	ADJUST PLATFORM FRONT OK.....						
47	DISC BRAKES OK - NOT THINNED.....						
48	NO TRACTION ENHANCERS.....						
				84	NO "QUICKSHIFT" GEAR LEVER.....		
				85	STD GEARBOX/AXLE.....		
				86	STD DRIVE SHAFTS.....		
				87	LOWERING BLOCKS OK.....		
				88	NO TRACTION CONTROL.....		
				89	<b>FWD - NO LOCKED DIFF</b> .....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

CLASS: 3

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

**NOISE TEST**  
MAX = 102 Db (A)

<b>PASS</b>

**COMMENTS**

NOISE READING \_\_\_\_\_ Db (A) @ \_\_\_\_\_ REVS / MIN

**GENERAL INSPECTION**  
**ITEMS**  
AS LISTED ON INSPECTION SCHEDULE  
ON NEXT PAGE

<b>PASS</b>

**COMMENTS**

**NOISE TEST & GENERAL INSPECTION**  
**ITEMS**

<b>FAIL</b>

**COMMENTS**

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

**CLASS 3 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<u>GENERAL</u>	P	F
1	NOISE + BRAKE TEST PASS STICKER.....		
2	IDENTIFICATION OK.....		
3	CLARITY OF NUMBERS/LETTERS.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....		
5	BODYSHELL ORIG RWD SAL/H'BACK ..... OR APPROVED FWD CONVERSION.....		
6	BODYSHELL COMPLETE.....		
7	TAILGATE/BOOTLID,VALANCE, WINGS.....		
8	ORIGINAL ENGINE COVER/BONNET.....		
9	STD REPLACEMENT PANELS.....		
10	CORRECT SKINNING.....		
11	NO REINFORCEMENT.....		
12	AIR COOLING HOLES OK.....		
13	ALL DOORS WELDED.....		
14	DRIVER'S DOOR MNF'RD HEIGHT.....		
15	PASS'NGR DOORS 3/4 MNF'R HGHT.....		
16	TOWING EYE 50mm @ FRONT + REAR.....		
17	SCREEN MESH 1" * 1"(25mm * 25mm).....		
18	PERSPEX OUTSIDE FRONT SCREEN ONLY.....		
19	ROLL CAGE DESIGN + FIT OK.....		
20	DOOR BARS/BRACE BARS OK.....		
21	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....		
22	ROLL CAGE NASA FULLY WELDED.....		
23	ROLL CAGE INTEGRAL FLOOR FRAME.....		
24	ROLL CAGE FEET / F Frm PLATED.....		
25	NO FRONT PROTECTION.....		
26	REAR BUMPERS / PROTECTION OK.....		
27	FRONT BUMPERS + SUP'T BAR OK.....		
28	BALLAST TYPE OK.....		
29	BATTERY CUT OFF SWITCH WORKING.....		
30	BATTERY BOX TYPE & SIZE OK.....		
31	FUEL TANK 2 GALL MAX.....		
32	TAP IF FITTED INTEGRAL.....		
33	VENT PIPE TO BELOW FLOOR.....		
34	FIRE HOLE IF ENCLOSED.....		
35	NO FUEL/OIL/WATER LEAKS.....		
36	WHEELS & TYRES COVERED 2"(50mm).....		
37	WHEEL STUDS FULL NUT THREAD.....		
38	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....		
39	WHEEL SPACERS ONE PIECE SOLID.....		
40	TYRES Option 'A' or 'B' only.....		
41	TYRES - NO BULGES/CUTS.....		
42	SECONDARY FASTENINGS OK.....		
43	NO SHARP PROJECTIONS.....		
44	NO TRACTION CONTROL.....		

No.	<u>DRIVERS COMPARTMENT</u>	P	F
45	CRASH HELMET BS NUMBERS.....		
46	CRASH HELM'T NOT PAINTED, 47 STICKERED, DAMAGED.....		
48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
49	SAFETY HARNESS MIN 5 PT FIX.....		
50	NOT CUT/DAMAGED,BUCKLE OK.....		
51	HEAD RESTRAINT.....		
52	ARM RESTRAINT SYSTEM OK.....		
53	SEAT CORRECT.....		
54	SEAT SUPPORT+MOUNTINGS.....		
55	FIRE EXTINGUISHER CORRECT.....		
56	FIXED & WITHIN DRIVER REACH.....		
57	IGN SWITCH WITHIN DRIVER REACH.....		
58	STEERING FRONT WHEELS ONLY.....		
59	ORIGINAL or STEEL FRONT BULKHEAD COMPLETE.....		
60	NO HOLES.....		
61	ORIGINAL or STEEL TRANSMISSION TUNNEL COMPLETE NO HOLES.....		
62	ORIGINAL or STEEL FLOORPAN & BOOT FLOOR COMPLETE NO HOLES...		
63	FLOOR FRAME OK.....		
64	LOWER X MEMBER 38mm X 38mm.....		
65	EXHAUST THRU' BULKHEAD OK.....		
66	EXHAUST TO REAR, EXIT OK.....		
67	EXHAUST SHIELDED.....		
68	FUEL TANK OK & SHIELDED.....		
69	FUEL/OIL/WATER PIPES COVERED.....		
70	<b>ENGINE TYPE - 2V/4V CYL OK.....</b>		
71	ENGINE NOT M'BIKE DERIVED.....		
72	ENGINE LOCATION - No1 PLUG + FRONT HUBS RELATIONSHIP OK.....		
73	NO TURBO / SUPERCHARGER.....		
74	CARB / Finj RETURN SPRING.....		
75	BONNET/ENGINE COVER ST'D.....		
76	BULGE/AIR BOX OK.....		
77	INNER WINGS (Orig. RWD) OK.....		
78	<b>GEARBOX/AXLE Type OK.....</b>		
79	ENGINE to G'BOX AD'PTOR 350mm OK.....		
80	NO TRANSAXLE.....		
81	AXLE LOCATION OK.....		
82	DIFF LOCATION OK.....		
83	REAR WHEEL HUBS LOCATION OK.....		
84	WHEELBASE OK.....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

CLASS: 4

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.



**CLASS 4 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<u>GENERAL</u>	P	F	No.	<u>DRIVERS COMPARTMENT</u>	P	F
1	NOISE + BRAKE TEST PASS STICKER.....			46	CRASH HELM'T BS NUMBERS.....		
2	IDENTIFICATION OK.....			47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			49	SAFETY HARNESS MIN 5 PT FIX.....		
5	BODYSHELL COMPLETE.....			50	NOT CUT/DAMAGED,BUCKLE OK.....		
6	TAILGATE/BOOTLID,VALANCE, WINGS.....			51	HEAD RESTRAINT.....		
7	ORIGINAL ENGINE COVER/BONNET.....			52	ARM RESTRAINT SYSTEM OK.....		
8	STD REPLACEMENT PANELS.....			53	SEAT CORRECT.....		
9	CORRECT SKINNING.....			54	SEAT SUPPORT+MOUNTINGS.....		
10	NO REINFORCEMENT.....			55	FIRE EXTINGUISHER CORRECT.....		
11	FLICH PANEL REMOVED 1" BOX.....			56	FIXED & WITHIN DRIVER REACH.....		
12	AIR COOLING HOLES OK.....			57	IGN SWITCH WITHIN DRIVER REACH.....		
13	ALL DOORS WELDED.....			58	ORIGINAL or STEEL FRONT BULKHEAD COMPLETE.....		
14	DRIVER'S DOOR MNF'RD HEIGHT.....			59	NO HOLES.....		
15	PASS'NGR DOORS 3/4 MNF'R HGHT.....			60	ORIG or STEEL FLOOR TO REAR ROLL CAGE FEET.....		
16	TOWING EYE 50mm @ FRONT + REAR.....			61	FLOOR FRAME OK.....		
17	SCREEN MESH 1" * 1"(25mm * 25mm).....			62	LOWER X MEMBER 38mm X 38mm...		
18	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			63	UPPER X BRACE 1" X 1".....		
19	ROLL CAGE DESIGN + FIT OK.....			64	END PLATES 3" X 3" INSIDE.....		
20	DOOR BARS/BRACE BARS OK.....			65	FWD - UPPER BULKHEAD/ FULL FIRE SHIELD.....		
21	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....			66	RWD - ORIGINAL or STEEL LOWER FRONT BULKHEAD.....		
22	ROLL CAGE NASA FULLY WELDED.....			67	RWD - REAR BULKHEAD / FIRE SHIELD OK.....		
23	ROLL CAGE FEET / F Frm PLATED.....			68	FUEL/OIL TANK SHIELDED.....		
24	NO FRONT PROTECTION.....			69	FUEL/OIL/WATER PIPES COVERED.....		
25	FRONT BUMPERS + SUP'T BAR OK.....			70	EXHAUST TO REAR, EXIT OK.....		
26	REAR BUMPERS / PROTECTION OK.....			71	EXHAUST SHIELDED.....		
27	BATTERY CUT OFF SWITCH WORKING.....			72	FLYWHEEL SHIELD/PROT'N.....		
28	BATTERY BOX (ALL BATTERIES) OK.....			73	<u>ENGINE: TYPE OK</u>		
29	BOX NOT OVERSIZE.....			74	LOCATION OK FOR B'SHELL.....		
30	FUEL TANK 2 GALL MAX.....			75	NO TURBO / SUPERCHARGER.....		
31	TAP IF FITTED INTEGRAL.....			76	BONNET/ENGINE COVER ST'D		
32	VENT PIPE TO BELOW FLOOR.....			77	BULGE/AIR BOX OK.....		
33	FIRE HOLE IF ENCLOSED.....			78	NO BULKHEAD MODIFICATION.....		
34	NO FUEL/OIL/WATER LEAKS.....			79	CARB RETURN SPRING.....		
35	SECONDARY FASTENINGS OK.....			80	PROV FOR ENGINE SEALING.....		
36	WHEELS & TYRES COVERED 2"(50mm)....			81	ENGINE CAPACITY LABEL.....		
37	WHEEL STUDS FULL NUT THREAD.....			82	ENGINE/G'BOX CRADLE OK.....		
38	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....				<u>CYLINDER HEAD:</u>		
39	WHEEL SPACERS ONE PIECE SOLID.....			83	ORIGINAL MATERIAL.....		
40	TYRES Option 'A' or 'B' only.....			84	NO OF PORTS AS ORIGINAL.....		
41	TYRES - NO BULGES/CUTS.....			85	POSITION OF PORTS IN HEAD FACE AS ORIGINAL.....		
42	BALLAST TYPE OK.....						
43	NO SHARP PROJECTIONS.....						
44	ENGINE /GEARBOX IN ORIG COMP'T.....						
45	NO TRACTION CONTROL.....						

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

**CLASS:** 5

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION</b> <b>ITEMS</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION</b> <b>ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

CLASS 5 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \*

GENERAL		P	F	DRIVERS COMPARTMENT		P	F
No. 1	NOISE + BRAKE TEST PASS STICKER.....			No. 46	CRASH HELM'T BS NUMBERS.....		
2	IDENTIFICATION OK.....			47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			49	SAFETY HARNESS MIN 5 PT FIX.....		
5	BODYSHELL COMPLETE.....			50	NOT CUT/DAMAGED,BUCKLE OK.....		
6	TAILGATE/BOOTLID,VALANCE, WINGS.....			51	HEAD RESTRAINT .....		
7	ORIGINAL ENGINE COVER/BONNET.....			52	ARM RESTRAINT SYSTEM OK .....		
8	STD REPLACEMENT PANELS.....			53	SEAT CORRECT.....		
9	CORRECT SKINNING .....			54	SEAT SUPPORT+MOUNTINGS.....		
10	NO REINFORCEMENT.....			55	FIRE EXTINGUISHER CORRECT.....		
11	FLICH PANEL REMOVED 1" BOX.....			56	FIXED & WITHIN DRIVER REACH.....		
12	AIR COOLING HOLES OK.....			57	IGN SWITCH WITHIN DRIVER REACH.....		
13	ALL DOORS WELDED.....			58	ORIGINAL or STEEL STEEL FRONT BULKHEAD COMPLETE.....		
14	DRIVER'S DOOR MNF'RD HEIGHT.....			59	NO HOLES.....		
15	PASS'NGR DOORS 3/4 MNF'R HGHT.....			60	ORIG or STEEL FLOOR TO REAR ROLL CAGE FEET.....		
16	FULL HEIGHT IF CENTRAL SEAT.....			61	FLOOR FRAME OK.....		
17	TOWING EYE 50mm @ FRONT + REAR.....			62	LOWER X MEMBER 38mm X 38mm.....		
18	SCREEN MESH 1" * 1"(25mm * 25mm).....			63	UPPER X BRACE 1" X 1".....		
19	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			64	END PLATES 3" X 3" INSIDE.....		
20	ROLL CAGE DESIGN + FIT OK.....			65	FWD FRONT ENGINE: UPPER BULKHEAD/FULL FIRE SHIELD.....		
21	DOOR BARS/BRACE BARS OK.....			66	FWD - SLIGHT LOCAL MODS TO		
22	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....			67	LOWER BULKHEAD.....		
23	ROLL CAGE NASA FULLY WELDED.....			68	RWD FRONT ENGINE:- SLIGHT LOCAL MODS TO FRONT B'KHEAD..		
24	ROLL CAGE FEET / F Frm PLATED.....			69	RWD MID/REAR ENGINE: SAFETY/FIRE SHIELD OK.....		
25	NO FRONT PROTECTION.....			70	FUEL/OIL TANK SHIELDED.....		
26	FRONT BUMPERS + SUP'T BAR OK.....			71	FUEL/OIL/WATER PIPES COVERED.....		
27	REAR BUMPERS / PROTECTION OK.....			72	EXHAUST TO REAR, EXIT OK .....		
28	BATTERY CUT OFF SWITCH WORKING.....			73	EXHAUST SHIELDED.....		
29	BATTERY BOX (ALL BATTERIES).....			74	FLYWHEEL SHIELD/PROT'N.....		
30	BOX NOT OVERSIZE.....			75	ENGINE: 2 VALVE/CYL.....		
31	FUEL TANK 2 GALL MAX.....			76	ENGINE NOT M'BIKE DERIVED.....		
32	TAP IF FITTED INTEGRAL .....			77	BONNET/ENGINE COVER ST'D BULGE/AIR BOX OK.....		
33	VENT PIPE TO BELOW FLOOR.....			78	PROV FOR ENGINE SEALING.....		
34	FIRE HOLE IF ENCLOSED.....			79	ENGINE CAPACITY LABEL.....		
35	NO FUEL/OIL/WATER LEAKS.....			80	NO TURBO/SUPERCHARGER.....		
36	SECONDARY FASTENINGS OK.....			81	CARB / Flnj RETURN SPRING.....		
37	WHEELS & TYRES COVERED 2"(50mm).....			82	ENGINE/G'BOX CRADLE OK.....		
38	WHEEL STUDS FULL NUT THREAD.....						
39	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....						
40	WHEEL SPACERS ONE PIECE SOLID.....						
41	TYRES Option 'A' or 'B' only.....						
42	TYRES - NO BULGES/CUTS.....						
43	NO SHARP PROJECTIONS.....						
44	BALLAST TYPE OK.....						
45	NO TRACTION CONTROL.....						

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

CLASS: 6

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

**CLASS 6 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<b>GENERAL</b>	P	F
1	NOISE + BRAKE TEST PASS STICKER.....		
2	IDENTIFICATION OK.....		
3	CLARITY OF NUMBERS/LETTERS.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....		
5	BODYSHELL COMPLETE.....		
6	TAILGATE/BOOTLID,VALANCE, WINGS.....		
7	ORIGINAL ENGINE COVER/BONNET.....		
8	STD REPLACEMENT PANELS.....		
9	CORRECT SKINNING.....		
10	NO REINFORCEMENT.....		
11	FLICH PANEL REMOVED 1" BOX.....		
12	AIR COOLING HOLES OK.....		
13	ALL DOORS WELDED.....		
14	DRIVER'S DOOR MNF'RD HEIGHT.....		
15	PASS'NGR DOORS 3/4 MNF'R HGHT.....		
16	TOWING EYE 50mm @ FRONT + REAR.....		
17	SCREEN MESH 1" * 1"(25mm * 25mm).....		
18	PERSPEX OUTSIDE FRONT SCREEN ONLY.....		
19	ROLL CAGE DESIGN + FIT OK.....		
20	DOOR BARS/BRACE BARS OK.....		
21	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....		
22	ROLL CAGE NASA FULLY WELDED.....		
23	ROLL CAGE FEET / F Frm PLATED.....		
24	NO FRONT PROTECTION.....		
25	FRONT BUMPERS + SUP'T BAR OK.....		
26	REAR BUMPERS / PROTECTION OK.....		
27	BATTERY CUT OFF SWITCH WORKING.....		
28	BATTERY BOX (ALL BATTERIES) OK.....		
29	BOX NOT OVERSIZE.....		
30	FUEL TANK 2 GALL MAX.....		
31	TAP IF FITTED INTEGRAL.....		
32	VENT PIPE TO BELOW FLOOR.....		
33	FIRE HOLE IF ENCLOSED.....		
34	NO FUEL/OIL/WATER LEAKS.....		
35	SECONDARY FASTENINGS OK.....		
36	WHEELS & TYRES COVERED 2"(50mm).....		
37	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....		
38	WHEEL SPACERS ONE PIECE SOLID.....		
39	TYRES Option 'A' or 'B' only.....		
40	TYRES - NO BULGES/CUTS.....		
41	NO SHARP PROJECTIONS.....		
42	BALLAST TYPE OK.....		
43	NO TRACTION CONTROL.....		

No.	<b>DRIVERS COMPARTMENT</b>	P	F
44	CRASH HELM'T BS NUMB'RS.....		
45	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
46	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
47	SAFETY HARNESS MIN 5 PT FIX.....		
48	NOT CUT/DAMAGED,BUCKLE OK.....		
49	HEAD RESTRAINT.....		
50	ARM RESTRAINT SYSTEM OK.....		
51	SEAT CORRECT.....		
52	SEAT SUPPORT+MOUNTINGS.....		
53	FIRE EXTINGUISHER CORRECT.....		
54	FIXED & WITHIN DRIVER REACH.....		
55	IGN SWITCH WITHIN DRIVER REACH.....		
56	ORIGINAL or STEEL FRONT BULKHEAD COMPLETE.....		
57	NO HOLES.....		
58	ORIG or STEEL FLOOR TO REAR ROLL CAGE FEET.....		
59	FLOOR FRAME OK.....		
60	LOWER X MEMBER 38mm X 38mm.....		
61	UPPER X MEMBER 1" X 1".....		
62	END PLATES 3" X 3" INSIDE.....		
63	FRONT ENGINE: UPPER BULKHEAD/FULL FIRE SHIELD.....		
64	SLIGHT LOCAL MODS TO LOWER BULKHEAD.....		
65	FUEL/OIL TANK SHIELDED.....		
66	FUEL/OIL/WATER PIPES COVERED.....		
67	EXHAUST TO REAR, EXIT OK.....		
68	EXHAUST SHIELDED.....		
69	FLYWHEEL SHIELD/PROT'N.....		
70	ENGINE + FRONT SUSPENSION FRAME + CRADLE OK.....		
71	<b>ENGINE: TYPE OK</b>		
72	NOT M'BIKE DERIVED.....		
73	ENGINE: NOT AS CL2 or 4 or 5.....		
74	FULL FIRE SHIELD.....		
75	BONNET/ENGINE COVER ST'D.....		
76	BULGE/AIR BOX OK.....		
77	CARB / Flnj RETURN SPRING.....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

CLASS: 7

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

CLASS 7 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \*

No.	GENERAL	P	F	No.	DRIVERS COMPARTMENT	P	F
1	NOISE + BRAKE TEST PASS STICKER.....			46	CRASH HELM'T BS NUMBERS.....		
2	IDENTIFICATION OK.....			47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			49	SAFETY HARNESS MIN 5 PT FIX.....		
5	BODYSHELL COMPLETE.....			50	NOT CUT/DAMAGED,BUCKLE OK.....		
6	TAILGATE/BOOTLID,VALANCE, WINGS.....			51	HEAD RESTRAINT .....		
7	ORIGINAL ENGINE COVER/BONNET.....			52	ARM RESTRAINT SYSTEM OK .....		
8	STD REPLACEMENT PANELS.....			53	SEAT CORRECT.....		
9	CORRECT SKINNING .....			54	SEAT SUPPORT+MOUNTINGS.....		
10	NO REINFORCEMENT.....			55	FIRE EXTINGUISHER CORRECT.....		
11	FLICH PANEL REMOVED 1" BOX.....			56	FIXED & WITHIN DRIVER REACH.....		
12	AIR COOLING HOLES OK.....			57	IGN SWITCH WITHIN DRIVER REACH.....		
13	ALL DOORS WELDED.....			58	ORIGINAL or STEEL FRONT BULKHEAD COMPLETE.....		
14	DRIVER'S DOOR MNF'RD HEIGHT.....			59	NO HOLES.....		
15	PASS'NGR DOORS 3/4 MNF'R HGHT.....			60	ORIG or STEEL FLOOR TO REAR ROLL CAGE FEET.....		
16	TOWING EYE 50mm @ FRONT + REAR.....			61	FLOOR FRAME OK.....		
17	SCREEN MESH 1" * 1"(25mm * 25mm).....			62	LOWER X MEMBER 38mm X 38mm.....		
18	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			63	UPPER X MEMBER 1" X 1".....		
19	ROLL CAGE DESIGN + FIT OK.....			64	END PLATES 3" X 3" INSIDE.....		
20	DOOR BARS/BRACE BARS OK.....			65	FUEL/OIL TANK SHIELDED.....		
21	ROLL CAGE NOT MEDIUM FOR WATER /ELECTRICS.....			66	FUEL/OIL/WATER PIPES COVERED.....		
22	ROLL CAGE NASA FULLY WELDED.....			67	EXHAUST TO REAR, EXIT OK .....		
23	ROLL CAGE FEET / F Frm PLATED.....			68	EXHAUST SHIELDED.....		
24	NO FRONT PROTECTION.....			69	<b>ENGINE: SINGLE/TWIN</b>		
25	FRONT BUMPERS + SUP'T BAR OK.....			70	FRONT ENGINE: NOT AS CL3 or 5 CLASS cc N. ASP MIN: 1421cc FORCED IND MINcc:FREE M'BIKE MINcc:FREE		
26	REAR BUMPERS / PROTECTION OK.....			71	SLIGHT LOCAL MODS TO FRONT BULKHEAD.....		
27	BATTERY CUT OFF SWITCH WORKING.....			72	FULL SAFETY/FIRE SHIELD.....		
28	BATTERY BOX (ALL BATTERIES).....			73	FLYWHEEL SHIELD/PROT'N.....		
29	BOX NOT OVERSIZE.....			74	MID/REAR ENGINE: FULL SAFETY/FIRE SHIELD.....		
30	FUEL TANK 2 GALL MAX.....			75	BONNET/ENGINE COVER ST'D BULGE/AIR BOX SIZE OK.....		
31	TAP IF FITTED INTEGRAL .....			76	CARB / FI RETURN SPRING.....		
32	VENT PIPE TO BELOW FLOOR.....			77	CARB / FIinj PROTECTION BAR.....		
33	FIRE HOLE IF ENCLOSED.....			78	ENGINE/G'BOX CRADLE OK.....		
34	NO FUEL/OIL/WATER LEAKS.....						
35	SECONDARY FASTENINGS OK.....						
36	WHEELS & TYRES COVERED 2"(50mm).....						
37	WHEEL STUDS FULL NUT THREAD.....						
38	WHEELS - CENTRE NOT CRACKED.....						
39	WHEELS - CENTRE NOT CRACKED + RIM OK - NO DAMAGE.....						
40	WHEEL SPACERS ONE PIECE SOLID.....						
41	TYRES Option 'A' or 'B' only.....						
42	TYRES - NO BULGES/CUTS.....						
43	NO SHARP PROJECTIONS.....						
44	BALLAST TYPE OK.....						
45	NO TRACTION CONTROL.....						

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

**NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**CLASS:** **Junior Special**

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____		REVS / MIN _____

<b>GENERAL INSPECTION</b> ITEMS AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>

<b>NOISE TEST &amp; GENERAL INSPECTION</b> ITEMS	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS"      THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR  
AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC  
before proceeding to BAY 2.

For "FAIL"      FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN  
REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and separately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.



**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<b>GENERAL</b>		
		P	F
1	NOISE + BRAKE TEST PASS STICKER.....		
2	IDENTIFICATION OK.....		
3	CLARITY OF NUMBERS/LETTERS.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....		
<b>CHASSIS CONSTRUCTION: -</b>			
5	STEEL SPACEFRAME.....		
6	WITHSTAND COLLISION/ROLL ETC.....		
7	ROLL CAGE + BRACE BARS OK.....		
8	ROLL CAGE NOT MEDIUM FOR WATER..... / ELECTRICS.....		
9	ROLL CAGE FULLY WELDED.....		
10	ROOF WIDTH ABOVE 20"(510mm).....		
11	ROOF HEIGHT ABOVE 42"(1066mm).....		
12	REAR BRACE BAR 18"(457mm).....		
13	DIMENSION 'W' BELOW 2"(50mm).....		
14	FRONT BRACE BAR 4"(100mm).....		
15	SIDE PANEL 6"(150mm) ABOVE ELBOWS....		
16	DRIVER COMPARTMENT WIDTH (DIMENSION 'U') 24"(600mm) AT TOP.....		
18	DRIVERS HIPS DISTANCE 'V' 50mm.....		
19	SIDE PODS/BARS.....		
20	TOWING EYE 50mm @ FRONT + REAR.....		
21	FRONT FLAT+SIZE 8"(203mm) * 24"(600mm).....		
22	WHEEL CENTRE TO FRONT 24"(600mm).....		
23	DRIVERS FEET TO FRONT 9"(230mm).....		
24	NO FRONT PROTECTION.....		
25	REAR PROTECTION OK.....		
26	FUEL/OIL TANK PROTECTION.....		
27	BATTERY BOX (ALL BATTERIES).....		
28	BATTERY CUT OFF SWITCH WORKING.....		
29	SCREEN MESH 1" * 1"(25mm * 25mm).....		
30	PERSPEX OUTSIDE FRONT SCREEN ONLY.....		
31	RADIATOR HEIGHT + FIT WITHIN AREA.....		
32	RADIATOR PROTECTION.....		
33	FUEL TANK & INTEGRAL TAP.....		
34	10 LITRE CAPACITY LIMIT.....		
35	VENT PIPE TO BELOW FLOOR.....		
36	FIRE HOLE IF TANK ENCLOSED.....		
37	NO FUEL/OIL/WATER LEAKS.....		
38	WHEEL STUDS FULL NUT THREAD.....		
39	WHEELS - CENTRE NOT CRACKED..... RIM OK - NO DAMAGE.....		
40	WHEEL SPACERS ONE PIECE SOLID.....		
41	TYRES Option 'A' or 'B' only.....		
42	TYRES - NO BULGES/CUTS.....		
43	SIZE Min 145x13 - Max 185x13 Or 185x14.....		
44	SECONDARY FASTENINGS OK.....		
45	NO SHARP PROJECTIONS.....		
46	NO TRACTION CONTROL.....		

No.	<b>DRIVERS COMPARTMENT</b>		
		P	F
47	CRASH HELM'T BS NUMB'RS.....		
48	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
49	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
50	SAFETY HARNESS MIN 5 PT FIX.....		
51	NOT CUT/DAMAGED,BUCKLE OK		
52	HEAD RESTRAINT.....		
53	ARM RESTRAINT SYSTEM OK.....		
54	SEAT CORRECT.....		
55	SEAT SUPPORT+MOUNTINGS.....		
56	FIRE EXTINGUISHER CORRECT.....		
57	FIXED & WITHIN DRIVER REACH.....		
58	IGN SWITCH WITHIN DRIVER REACH.....		
59	STEEL FLOOR 2mm.....		
60	NO HOLES IN FLOOR.....		
61	AIR SCOOP 3"(75mm) * 18"(457mm).....		
62	BRAKE PIPES SHIELDED		
63	<b>WEIGHT MIN 455Kg OK.....</b>		
64	SUMP GUARD OK.....		
65	NO BALLAST.....		
66	LIFTING EYE OK.....		
<b>REAR OF ROLL CAGE</b>			
67	BATTERY.....		
68	FUEL TANK.....		
69	ENGINE.....		
70	GEARBOX - ALSO TYPE OK.....		
71	EXHAUST.....		
72	RADIATOR OK.....		
73	RADIATOR STD TYPE.....		
74	REAR SUSP MTGS OK.....		
75	FULL SAFETY/FIRE SHIELD.....		
76	FLYWHEEL SHIELD/PROT'N OK.....		
77	<b>ENGINE: SINGLE VAUXHALL</b> CLASS cc : 1196cc		
78	CARB/Flnj STD.....		
79	CARB RETURN SPRING.....		
80	AIR INTAKE 55mm.....		
81	1 ECU.....		
82	REV LIMIT 6250.....		
83	PROV FOR ENGINE SEALING.....		
84	STD EXHAUST MANIFOLD OK.....		
85	EXHAUST WITHIN SET AREA.....		
86	SILENCER OK.....		
87	OUTLET HORIZ / 30 Deg.....		
<b>REAR SUSPENSION</b>			
88	STD VAUXHALL TIE BARS.....		
89	STD VAUXHALL STRUTS OR PERMITTED REPLACEMNT ONLY.....		
90	REAR BRAKE DISC SIZE OK.....		
91	H'BRAKE OK.....		
92	DIFF TURNS FREE.....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

**CLASS:** 8

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>
<b>ITEMS</b>		

<b>NOISE TEST &amp; GENERAL INSPECTION</b> <b>ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a PASS / FAIL as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a PASS / FAIL as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

**CLASS 8 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<b>GENERAL</b>	P	F
1	NOISE + BRAKE TEST PASS STICKER.....		
2	IDENTIFICATION OK.....		
3	CLARITY OF NUMBERS/LETTERS.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....		
<b>CHASSIS CONSTRUCTION: -</b>			
5	STEEL SPACEFRAME.....		
6	WITHSTAND COLLISION/ROLL ETC.....		
7	ROLL CAGE + BRACE BARS OK.....		
8	ROLL CAGE NOT MEDIUM FOR WATER..... / ELECTRICS.....		
9	ROLL CAGE FULLY WELDED.....		
10	ROOF WIDTH ABOVE 20"(510mm).....		
11	ROOF HEIGHT ABOVE 42"(1066mm).....		
12	REAR BRACE BAR 18"(457mm).....		
13	DIMENSION 'W' BELOW 2"(50mm).....		
14	FRONT BRACE BAR 4"(100mm).....		
15	SIDE PANEL 6"(150mm) ABOVE ELBOWS.....		
16	DRIVER COMPARTMENT WIDTH		
17	(DIMENSION 'U') 24"(600mm) AT TOP.....		
18	DRIVERS HIPS DISTANCE 'V' 50mm.....		
19	SIDE PODS/BARS.....		
20	TOWING EYE 50mm @ FRONT + REAR.....		
21	FRONT FLAT+SIZE 8"(203mm) * 24"(600mm)		
22	WHEEL CENTRE TO FRONT 24"(600mm).....		
23	DRIVERS FEET TO FRONT 9"(230mm).....		
24	NO FRONT PROTECTION.....		
25	REAR PROTECTION OK.....		
26	FUEL/OIL TANK PROTECTION.....		
27	BATTERY BOX (ALL BATTERIES) OK.....		
28	BATTERY CUT OFF SWITCH WORKING.....		
29	SCREEN MESH 1" * 1"(25mm * 25mm).....		
30	PERSPEX OUTSIDE FRONT SCREEN ONLY.....		
31	RADIATOR HEIGHT + FIT WITHIN AREA.....		
32	RADIATOR PROTECTION.....		
33	FUEL TANK & INTEGRAL TAP.....		
34	10 LITRE CAPACITY LIMIT.....		
35	VENT PIPE TO BELOW FLOOR.....		
36	FIRE HOLE IF TANK ENCLOSED.....		
37	NO FUEL/OIL/WATER LEAKS.....		
38	WHEEL STUDS FULL NUT THREAD.....		
39	WHEELS - CENTRE NOT CRACKED..... RIM OK - NO DAMAGE.....		
40	WHEEL SPACERS ONE PIECE SOLID.....		
41	TYRES Option 'A' or 'B' only.....		
42	TYRES - NO BULGES/CUTS.....		
43	SECONDARY FASTENINGS OK.....		
44	BALLAST OK.....		
45	NO SHARP PROJECTIONS.....		

No.	<b>DRIVERS COMPARTMENT</b>	P	F
46	CRASH HELM'T BS NUMB'RS.....		
47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
49	SAFETY HARNESS MIN 5 PT FIX.....		
50	NOT CUT/DAMAGED,BUCKLE OK		
51	HEAD RESTRAINT.....		
52	ARM RESTRAINT SYSTEM OK.....		
53	SEAT CORRECT.....		
54	SEAT SUPPORT+MOUNTINGS.....		
55	FIRE EXTINGUISHER CORRECT.....		
53	FIXED & WITHIN DRIVER REACH.....		
57	IGN SWITCH WITHIN DRIVER REACH.....		
58	STEEL FLOOR 2mm.....		
59	NO HOLES IN FLOOR.....		
60	FUEL/OIL/WATER PIPES COVERED.....		
61	FUEL TANK SHIELDED.....		
62	OIL/DRY SUMP TANK SHIELDED.....		
63	EXHAUST SHIELDED.....		
64	BRAKE PIPES SHIELDED		
65	AIR SCOOP 3"(75mm) * 18"(457mm).....		
<b>EXTERNALLY AT SIDE OF DRIVERS COMPARTMENT:</b>			
66	OIL/FUEL TANKS & BATTERIES ENCLOSED: MIN 20mm BOX / 25mm CIRC. STEEL.....		
<b>ENGINE:</b>			
67	CLASS cc LIMIT 1420cc Car Eng. 1350cc M'Bike Eng		
68	BORE/STROKE/cc LABEL TAG.....		
69	CARB / Flnj RETURN SPRING.....		
70	CARB / Flnj PROTECTION BAR.....		
71	PROV FOR ENGINE SEALING.....		
72	FULL SAFETY/FIRE SHIELD.....		
73	EXHAUST SYSTEM OK.....		
74	EXHAUST WITHIN SET AREA.....		
75	SILENCER OK.....		
76	OUTLET HORIZ / 30 Deg .....		
77	CHAIN GUARD.....		
78	ROTATING PULLEYS GUARD.....		
79	FLYWHEEL SHIELD OK.....		
80	NO TRACTION CONTROL.....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

**CLASS:** 9

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b> MAX = 102 Db (A)	<b>PASS</b>	<b>COMMENTS</b>
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION</b> AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE	<b>PASS</b>	<b>COMMENTS</b>
<b>ITEMS</b>		

<b>NOISE TEST &amp; GENERAL INSPECTION</b> <b>ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

CLASS 9 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \*

No.	GENERAL	P	F	No.	DRIVERS COMPARTMENT	P	F
1	NOISE + BRAKE TEST PASS STICKER.....			46	CRASH HELM'T BS NUMB'RS.....		
2	IDENTIFICATION OK.....			47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
3	CLARITY OF NUMBERS/LETTERS.....			48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....			49	SAFETY HARNESS MIN 5 PT FIX.....		
	<b>CHASSIS CONSTRUCTION: -</b>			50	NOT CUT/DAMAGED, BUCKLE OK		
5	STEEL SPACEFRAME.....			51	HEAD RESTRAINT.....		
6	WITHSTAND COLLISION/ROLL ETC.....			52	ARM RESTRAINT SYSTEM OK.....		
7	ROLL CAGE + BRACE BARS OK.....			53	SEAT CORRECT.....		
8	ROLL CAGE NOT MEDIUM FOR WATER..... / ELECTRICS.....			54	SEAT SUPPORT+MOUNTINGS.....		
9	ROLL CAGE FULLY WELDED.....			55	FIRE EXTINGUISHER CORRECT.....		
10	ROOF WIDTH ABOVE 20"(510mm).....			56	FIXED & WITHIN DRIVER REACH.....		
11	ROOF HEIGHT ABOVE 42"(1066mm).....			57	IGN SWITCH WITHIN DRIVER REACH.....		
12	REAR BRACE BAR 18"(457mm).....			58	STEEL FLOOR 2mm.....		
13	DIMENSION 'W' BELOW 2"(50mm).....			59	NO HOLES IN FLOOR.....		
14	FRONT BRACE BAR 4"(100mm).....			60	FUEL/OIL/WATER PIPES COVERED.....		
15	SIDE PANEL 6"(150mm) ABOVE ELBOWS....			61	FUEL TANK SHIELDED.....		
16	DRIVER COMPARTMENT WIDTH			62	OIL/DRY SUMP TANK SHIELDED.....		
17	(DIMENSION 'U') 24"(600mm) AT TOP.....			63	EXHAUST SHIELDED.....		
18	DRIVERS HIPS DISTANCE 'V' 50mm.....			64	BRAKE PIPES SHIELDED		
19	SIDE PODS/BARS.....			65	AIR SCOOP 3"(75mm) * 18"(457mm)..		
20	TOWING EYE 50mm @ FRONT + REAR.....				<b>EXTERNALLY AT SIDE OF DRIVERS COMPARTMENT:</b>		
21	FRONT FLAT+SIZE 8"(203mm) * 24"(600mm)..			66	OIL/FUEL TANKS & BATTERIES ENCLOSED		
22	WHEEL CENTRE TO FRONT 24"(600mm).....			67	MIN 20mm BOX / 25mm CIRC. STEEL.....		
23	DRIVERS FEET TO FRONT 9"(230mm).....			68	<b>ENGINE: SINGLE</b> CLASS cc LIMIT 1421 - 2070cc.		
24	NO FRONT PROTECTION.....			69	NO MOTORBIKE ENGINE.....		
25	REAR PROTECTION OK.....			70	NOT M'BIKE DERIVED.....		
26	FUEL/OIL TANK PROTECTION.....			71	BORE/STROKE/cc LABEL TAG.....		
27	BATTERY BOX (ALL BATTERIES) OK.....			72	PROV FOR ENGINE SEALING.....		
28	BATTERY CUT OFF SWITCH WORKING.....			73	CARB / Flnj RETURN SPRING.....		
29	SCREEN MESH 1" * 1"(25mm * 25mm).....			74	CARB / Flnj PROTECTION BAR.....		
30	PERSPEX OUTSIDE FRONT SCREEN ONLY.....			75	FULL SAFETY/FIRE SHIELD.....		
31	RADIATOR HEIGHT + FIT WITHIN AREA.....			76	EXHAUST SYSTEM OK.....		
32	RADIATOR PROTECTION.....			77	EXHAUST WITHIN SET AREA.....		
33	FUEL TANK & INTEGRAL TAP.....			78	SILENCER OK.....		
34	10 LITRE CAPACITY LIMIT.....			79	OUTLET HORIZ / 30 Deg .....		
35	VENT PIPE TO BELOW FLOOR.....			80	FLYWHEEL SHIELD OK.....		
36	FIRE HOLE IF TANK ENCLOSED.....			81	ROTATING PULLEYS GUARD.....		
37	NO FUEL/OIL/WATER LEAKS.....			82	NO TRACTION CONTROL.....		
38	WHEEL STUDS FULL NUT THREAD.....						
39	WHEELS - CENTRE NOT CRACKED..... RIM OK - NO DAMAGE.....						
40	WHEEL SPACERS ONE PIECE SOLID.....						
41	TYRES Option 'A' or 'B' only.....						
42	TYRES - NO BULGES/CUTS.....						
43	SECONDARY FASTENINGS OK.....						
44	BALLAST OK.....						
45	NO SHARP PROJECTIONS.....						

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC

NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014

**CLASS:** 10

DRIVER NAME..... LICENCE No.....

VEHICLE NUMBER..... DATE: .....

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

<b>NOISE TEST</b>	<b>PASS</b>	<b>COMMENTS</b>
MAX = 102 Db (A)		
NOISE READING _____ Db (A) @ _____ REVS / MIN		

<b>GENERAL INSPECTION ITEMS</b>	<b>PASS</b>	<b>COMMENTS</b>
AS LISTED ON INSPECTION SCHEDULE ON NEXT PAGE		

<b>NOISE TEST &amp; GENERAL INSPECTION ITEMS</b>	<b>FAIL</b>	<b>COMMENTS</b>

I certify that I have examined the above vehicle and have issued a **PASS / FAIL** as noted above.

LEAGUE CHIEF SCRUTINEER \_\_\_\_\_ Tel: \_\_\_\_\_

I certify that the above scrutineer has examined the above vehicle and issued a **PASS / FAIL** as noted above.

LEAGUE CHAIR \_\_\_\_\_ Tel: \_\_\_\_\_

For "PASS" THE FORM and INSPECTION SCHEDULE TO BE RETAINED BY COMPETITOR AND HANDED IN TO BAY 2 CLASS SCRUTINEER AT NAC  
If not presented then vehicle will be completely re-scrutineered at NAC.

The vehicle must be subject to the BAY 1 safety check at the NAC before proceeding to BAY 2.

For "FAIL" FORM TO BE RETAINED BY COMPETITOR UNTIL VEHICLE FAULTS HAVE BEEN REMEDIED AND VEHICLE RE-SCRUTINEERED AND A "PASS" ISSUED.

**NOTES**

It is the competitor's responsibility to ensure that the vehicle concerned complies with the NASA vehicle construction regulations. The original checked vehicle cannot be substituted by the use of another vehicle, unless authorised by the League Chair concerned. The substitute vehicle must be inspected and checked for compliance and seperately certified.

It is the League Chief Scrutineer's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

It is the League Chair's responsibility to ensure that the items listed have been checked for compliance with the NASA vehicle construction regulations in accordance with the NASA Scrutineering procedures.

Random checks will be made at National Autograss Championship (NAC) to check validity of inspection schedule. Possession of form does not exempt vehicle from further scrutineering inspection.

Where the certification of compliance with the construction rules is found to be false and or an unauthorised vehicle substituted the competitor and/or driver of the vehicle concerned shall be disqualified and will be reported for disciplinary action. The Scrutineer and League Chair will also be reported.

**CLASS 10 NASA - NATIONAL CHAMPIONSHIPS -- SCRUTINEERING PRE-CHECK LIST - 2014**

**\* CHECK LICENCE AND RULE BOOK FOR PREVIOUSLY LISTED FAULTS / COMMENTS \***

No.	<b>GENERAL</b>		
		P	F
1	NOISE + BRAKE TEST PASS STICKER.....		
2	IDENTIFICATION OK.....		
3	CLARITY OF NUMBERS/LETTERS.....		
4	BLACK ON WHITE PANEL / UPRIGHT.....		
<b>CHASSIS CONSTRUCTION: -</b>			
5	STEEL SPACEFRAME.....		
6	WITHSTAND COLLISION/ROLL ETC.....		
7	ROLL CAGE + BRACE BARS OK.....		
8	ROLL CAGE NOT MEDIUM FOR WATER..... / ELECTRICS.....		
9	ROLL CAGE FULLY WELDED.....		
10	ROOF WIDTH ABOVE 20"(510mm).....		
11	ROOF HEIGHT ABOVE 42"(1066mm).....		
12	REAR BRACE BAR 18"(457mm).....		
13	DIMENSION 'W' BELOW 2"(50mm).....		
14	FRONT BRACE BAR 4"(100mm).....		
15	SIDE PANEL 6"(150mm) ABOVE ELBOWS....		
16	DRIVER COMPARTMENT WIDTH		
17	(DIMENSION 'U') 24"(600mm) AT TOP.....		
18	DRIVERS HIPS DISTANCE 'V' 50mm.....		
19	SIDE PODS/BARS.....		
20	TOWING EYE 50mm @ FRONT + REAR.....		
21	FRONT FLAT+SIZE 8"(203mm) * 24"(600mm)...		
22	WHEEL CENTRE TO FRONT 24"(600mm).....		
23	DRIVERS FEET TO FRONT 9"(230mm).....		
24	NO FRONT PROTECTION.....		
25	REAR PROTECTION OK.....		
26	FUEL/OIL TANK PROTECTION.....		
27	BATTERY BOX (ALL BATTERIES) OK.....		
28	BATTERY CUT OFF SWITCH WORKING.....		
29	SCREEN MESH 1" * 1"(25mm * 25mm).....		
30	PERSPEX OUTSIDE FRONT SCREEN ONLY.....		
31	RADIATOR HEIGHT + FIT WITHIN AREA.....		
32	RADIATOR PROTECTION.....		
33	FUEL TANK & INTEGRAL TAP.....		
34	10 LITRE CAPACITY LIMIT.....		
35	VENT PIPE TO BELOW FLOOR.....		
36	FIRE HOLE IF TANK ENCLOSED.....		
37	NO FUEL/OIL/WATER LEAKS.....		
38	WHEEL STUDS FULL NUT THREAD.....		
39	WHEELS - CENTRE NOT CRACKED..... RIM OK - NO DAMAGE.....		
40	WHEEL SPACERS ONE PIECE SOLID.....		
41	TYRES Option 'A' or 'B' only.....		
42	TYRES - NO BULGES/CUTS.....		
43	SECONDARY FASTENINGS OK.....		
44	BALLAST OK.....		
45	NO SHARP PROJECTIONS.....		

No.	<b>DRIVERS COMPARTMENT</b>		
		P	F
46	CRASH HELM'T BS NUMB'RS.....		
47	CRASH HELM'T NOT PAINTED, STICKERED, DAMAGED.....		
48	ROLL CAGE 3" (75mm) ABOVE HELMET.....		
49	SAFETY HARNESS MIN 5 PT FIX.....		
50	NOT CUT/DAMAGED,BUCKLE OK		
51	HEAD RESTRAINT.....		
52	ARM RESTRAINT SYSTEM OK.....		
53	SEAT CORRECT.....		
54	SEAT SUPPORT+MOUNTINGS.....		
55	FIRE EXTINGUISHER CORRECT.....		
56	FIXED & WITHIN DRIVER REACH.....		
57	IGN SWITCH WITHIN DRIVER REACH.....		
58	STEEL FLOOR 2mm.....		
59	NO HOLES IN FLOOR.....		
60	FUEL/OIL/WATER PIPES COVERED.....		
61	FUEL TANK SHIELDED.....		
62	OIL/DRY SUMP TANK SHIELDED.....		
63	EXHAUST SHIELDED.....		
64	BRAKE PIPES SHIELDED		
65	AIR SCOOP 3"(75mm) * 18"(457mm).....		
<b>EXTERNALLY AT SIDE OF DRIVERS COMPARTMENT:</b>			
66	OIL/FUEL TANKS & BATTERIES ENCLOSED		
67	MIN 20mm BOX / 25mm CIRC. STEEL.....		
68	<b>ENGINE: SINGLE/TWIN</b>		
69	CLASS cc N. ASP MIN: 2071cc FORCED IND MINcc:FREE SINGLE NOT M'BIKE		
70	CARB / FI RETURN SPRING.....		
71	CARB / FIinj PROTECTION BAR.....		
72	FULL SAFETY/FIRE SHIELD.....		
73	EXHAUST SYSTEM OK.....		
74	EXHAUST WITHIN SET AREA.....		
75	SILENCER OK.....		
76	OUTLET HORIZ / 30 Deg .....		
77	CHAIN GUARD.....		
78	ROTATING PULLEYS GUARD.....		
79	FLYWHEEL SHIELD OK.....		
80	NO TRACTION CONTROL.....		

CAR NO ..... N.A.S.A. LEAGUE .....

PASS..... FAIL..... LEAGUE CHIEF SCRUTINEER.....

FORM TO BE RETAINED BY COMPETITOR AND PRESENTED AT NAC