



DECISION OF THE ENDURANCE COMMITTEE



To: ☒ Teams ☒ Manufacturers
Category: ☒ LM P1 ☐ LM P2 ☐ LM GTE Pro ☐ LM GTE Am
Decision N°: **17-D0042-LMP1NH**
Date: **28/11/2017**
Re: Clarification for the front diveplanes

Mission concerned

Article:

☒ 2017 Technical Regulations for Prototypes LMP1NH

Decision

Further to different questions from LMP1NH chassis constructors, FIA/ACO would like to clarify the situation regarding the front diveplanes. In Technical Regulations, two articles (Art.3.5.4.a and Art.3.6.1) are referring to them:

3.5.4 Parties avant

- a/ ...
Dans la zone située :
- entre 400 et 900mm en avant de l'axe des roues avant,
 - entre 100 et 600mm au-dessus du plan de référence,
 - sur une largeur de 1000mm répartie symétriquement de chaque côté de la voiture,

des éléments de carrosserie (avec épaisseur constante et léchés par le flux d'air sur ces deux côtés) pourront être ajoutés. Ces éléments pourront être visibles en vue de dessous entre 950 et 1000mm réparti symétriquement de chaque côté de la voiture.

...

3.6.1 Eléments aérodynamiques autorisés sur la carrosserie

...

Aucun élément aérodynamique ne peut être ajouté sur la carrosserie, qu'il fasse partie intégrante ou non de celle-ci, à l'exception de :

- Deux éléments aérodynamiques maximum (flaps) par côté à l'avant et dans la projection frontale des ailes avant à condition
 - de ne pas gêner la visibilité du pilote ;
 - de ne pas masquer les projecteurs ;
 - de ne pas être à plus de 600 mm au dessus de la surface de référence ;
 - que leur angle externe avant, vu du dessus, ait un rayon minimum de 50 mm ;
 - d'avoir des bords comportant un rayon arrondi égal à la moitié de leur épaisseur avant ;
 - d'être approuvés par le Constructeur et figurer sur la Fiche d'Homologation de la voiture.

...

Front parts

- ...
In the area situated:
- between 400 and 900mm in front of the front wheel axis,
 - between 100 and 600mm above the reference plane,
 - on a 1000mm wide distributed symmetrically on each side of the car,

bodywork elements (with constant thickness and licked by the air flow on both sides) may be added. These elements may be visible when view from below between 950 and 1000mm symmetrically distributed on each side of the car.

...

Aerodynamic elements permitted on the bodywork

...

No aerodynamic element can be added on the bodywork, whether an integral part of it or not, apart from :

- Two aerodynamic elements maximum per side at the front and within the frontal plan of the front fenders provided that :
 - they do not obstruct the driver's view
 - they do not mask the headlights ;
 - they are not situated more than 600 mm above the reference surface ;
 - their front external angle, when viewed from above, has a minimum radius of 50 mm;
 - they have edges rounded with a radius half their front thickness;
 - they are approved by the Manufacturer and feature on the Homologation Form of the car.

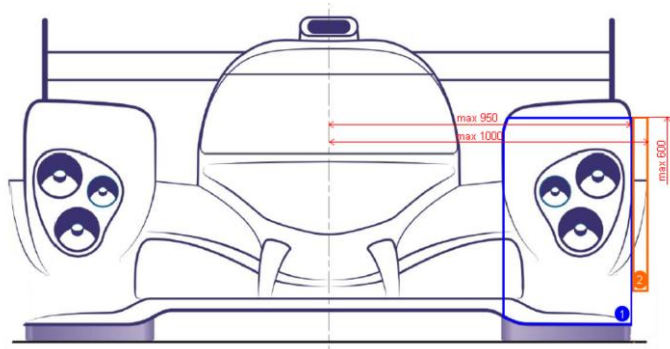
...

Art.3.6.1 is stipulating that:

- ① (as shown on the following picture) is defined inboard/outboard by the frontal projection of the wheel arch;
- In frontal projection of the wheel arch ①, respecting the conditions of Art.3.6.1, **a maximum of two pairs of diveplanes is allowed (lower than Z600).**

Art.3.5.4.a is stipulating that:

- ②, defined by outboard frontal projection of front wheel arch and Y1000;
- Between X-400 and X-900, and between Z100 and Z600
- Respecting the conditions of Art.3.5.4.a, **more than 2 pairs of diveplanes are allowed**



The diveplanes in ① and ② should be physically different parts, however they can be linked together.
FIA/ACO recommend chassis constructors to submit CAD drawing to validate designs.

Period of validity/application of the decision

This decision comes into effect:

- ☒ with immediate application
- ☐ from:
- ☐ **from the following event :**

And is applicable:

- ☒ until further notice
- ☐ for the above-mentioned event(s) only

Committee Members

Denis CHEVRIER

Vincent BEAUMESNIL

Any decision taken by the Endurance Committee is not subject to appeal, in accordance with Article 4.11.2 b of the WEC Sporting Regulations.

This decision is available on the following websites :

- <http://www.fia.com/fia-endurance-committee>
- <http://sport.lemans.org/login.php>