

TO: Teams Manufacturers

CATEGORY: Hypercar LMP2 LMGTE Pro LMGTE Am

DECISION N°: WEC_2021_D0032_Hypercar_LMGTE_BOP_LEMANS_Test_Day

DATE: 04/08/2021 **FROM:** The WEC Committee

SUBJECT: BOP for Hypercar and LMGTE for LE MANS - Test Day

APPLICABLE REGULATION

Article 6.3.2 2021 24 Hours of Le Mans Supplementary Regulations

DECISION

In application of Article 6.3.2 of the 2021 24 Hours of Le Mans Supplementary Regulations, please find below: the Hypercar BOP table, the LMGTE Pro BOP table and the LMGTE Am BOP.

PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:

- with immediate application**
 from:

And is applicable:

- until further notice**
 for the mentioned Competition(s) only

HYPERCAR

TOYOTA GAZOO RACING GR010 HYBRID			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	1066 kg	-	1066 kg
MAXIMUM STINT ENERGY	962 MJ	-	962 MJ
POWER LEVEL (kW vs RPM N/Nmax)			
0,550	254 kW	-	254 kW
0,575	276 kW	-	276 kW
0,600	297 kW	-	297 kW
0,625	319 kW	-	319 kW
0,650	340 kW	-	340 kW
0,675	361 kW	-	361 kW
0,700	383 kW	-	383 kW
0,725	405 kW	-	405 kW
0,750	426 kW	-	426 kW
0,775	445 kW	-	445 kW
0,800	463 kW	-	463 kW
0,825	477 kW	-	477 kW
0,850	489 kW	-	489 kW
0,875	500 kW	-	500 kW
0,900	507 kW	-	507 kW
0,925	512 kW	-	512 kW
0,950	515 kW	-	515 kW
0,975	513 kW	-	513 kW
1,000	509 kW	-	509 kW
1,025	440 kW	-	440 kW

GLICKENHAUS 007 LMH			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	1030 kg	-	1030 kg
MAXIMUM STINT ENERGY	965 MJ	-	965 MJ
POWER LEVEL (kW vs RPM N/Nmax)			
0,550	256 kW	-	256 kW
0,575	279 kW	-	279 kW
0,600	300 kW	-	300 kW
0,625	322 kW	-	322 kW
0,650	343 kW	-	343 kW
0,675	365 kW	-	365 kW
0,700	387 kW	-	387 kW
0,725	409 kW	-	409 kW
0,750	430 kW	-	430 kW
0,775	449 kW	-	449 kW
0,800	467 kW	-	467 kW
0,825	482 kW	-	482 kW
0,850	494 kW	-	494 kW
0,875	505 kW	-	505 kW
0,900	512 kW	-	512 kW
0,925	517 kW	-	517 kW
0,950	520 kW	-	520 kW
0,975	518 kW	-	518 kW
1,000	514 kW	-	514 kW
1,025	444 kW	-	444 kW

ORECA REBELLION R13			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	952 kg	-	952 kg
MAXIMUM STINT ENERGY	918 MJ	-74 MJ	844 MJ
POWER LEVEL (kW vs RPM N/Nmax)			
5000	264 kW	-	264 kW
5500	313 kW	-	313 kW
6000	345 kW	-	345 kW
6500	396 kW	-	396 kW
7000	437 kW	-	437 kW
7500	451 kW	-	451 kW
8000	447 kW	-	447 kW
8500	450 kW	-	450 kW

Notes:

- Nmax as homolated in engine homologation form and data sheet;
- Control strategy as described in Technical Regulations and Appendixes.
- Ambient correction factor as per Appendix 4b of the LMH Technical Regulations to be applied to Power figures, also for LMP1 NH cars.
- Power figures of LMP1 NH cars to be measured in accordance with Article 5.12 of the LMP1 NH Technical Regulations.

(*): weight including camera (or dummy) equipment

- (1): the previous value is referring to the previous BOP
- (2): the adjustments are related to the changes done for this BOP

LMGTE PRO

FERRARI - 488 GTE EVO	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1269 kg	-	1269 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	94 l.	-	94 l.
DECLARED MINIMUM LAMBDA			1,10
Engine power - Pboost ratio max vs RPM			
4000	1,79	-	1,79
4500	1,76	-	1,76
5000	1,77	-	1,77
5500	1,76	-	1,76
6000	1,69	-	1,69
6500	1,60	-	1,60
7000	1,48	-	1,48
7100	1,10	-	1,10

CORVETTE C8.R	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1276 kg	-	1276 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	99 l.	-	99 l.
DECLARED MINIMUM LAMBDA			0,88
Engine power - Air restrictor diameter			
1 x MAXIMUM RESTRICTOR DIAMETER (mm)	42,7 mm		42,7 mm

PORSCHE 911 RSR - 19	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1285 kg	-	1285 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	99 l.	-	99 l.
DECLARED MINIMUM LAMBDA			0,89
Engine power - Air restrictor diameter			
2 x MAXIMUM RESTRICTOR DIAMETER (mm)	30,7 mm		30,7 mm

Notes:

Adjustments are made with:

- the waivers required;
- with the data provided by the manufacturers;
- with the information provided by the manufacturers;
- with analysis made by FIA/ACO.

(*): weight including camera (or dummy) equipment

(1): the **prev**ious value is referring to the previous BOP

(2): the **adjust**ments are related to the changes done for this BOP

LMGTE AM

FERRARI - 488 GTE EVO	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1279 kg	-	1279 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	91 l.	-	91 l.
DECLARED MINIMUM LAMBDA			1,10
Engine power - Pboost ratio max vs RPM			
	Pboost ratio Max (.)		
4000	1,75	-	1,75
4500	1,72	-	1,72
5000	1,73	-	1,73
5500	1,72	-	1,72
6000	1,65	-	1,65
6500	1,56	-	1,56
7000	1,44	-	1,44
7100	1,10	-	1,10

ASTON MARTIN VANTAGE AMR	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1257 kg	-	1257 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	93 l.	-	93 l.
DECLARED MINIMUM LAMBDA			0,94
Engine power - Pboost ratio max vs RPM			
	Pboost ratio Max (.)		
4000	1,45	-	1,45
4500	1,50	-	1,50
5000	1,50	-	1,50
5500	1,51	-	1,51
6000	1,51	-	1,51
6500	1,46	-	1,46
7000	1,37	-	1,37
7200	1,34	-	1,34
7300	1,20	-	1,20

PORSCHE 911 RSR - 19	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1295 kg	-	1295 kg
MAXIMUM ONBOARD FUEL VOLUME (liter)	96 l.	-	96 l.
DECLARED MINIMUM LAMBDA			0,89
Engine power - Air restrictor diameter			
	Pboost ratio Max (.)		
2 x MAXIMUM RESTRICTOR DIAMETER (mm)	30,2 mm		30,2 mm

Notes:

ASTON MARTIN VANTAGE AMR: AEROKIT B

Adjustments are made with:

- the waivers required;
- with the data provided by the manufacturers;
- with the information provided by the manufacturers;
- with analysis made by FIA/ACO.

(1): the **prev**ious value is referring to the previous BOP

(2): the **adjust**ments are related to the changes done for this BOP

(*): weight including camera (or dummy) equipment

(**): for tyre safety boundaries