



IMSA TECHNICAL BULLETIN IWSC #18-40

To: All IMSA WeatherTech SportsCar Championship Competitors

From: IMSA Competition

Date: 9 August 2018

Re: 20180819 VIR Balance of Performance Tables

In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, the following adjustments are made to the indicated cars. The column listed as current is the current specification after the adjustment is applied and thus the required specification for the event. These decisions come into immediate effect and are applicable until further notice.

IMSA has determined the values listed in all tables based upon Manufacturer submitted data and IMSA's data analysis.

GTD Vehicles		Mass		Engine					Ride Height		Fuel				Notes			
Manufacturer		No Fuel/Driver (kg)		Restrictor Diameter (mm)			Boost Ratio	Maximum RPM		Minimum Ground Clearance (mm)		Type	Minimum Lambda	Total Capacity (L)		Minimum Full Refueling Time (sec)		
		adj	current	qty.	adj	current		adj	current	adj	current		λ	adj	current			
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Acura	NSX GT3	0	1320				See Table	0	7500	0	50.0	IMSA 100	0.85	0.0	107.0	40.0		
Aston Martin	V12 Vantage GT3	0	1290	2	0.0	41.5		0	7700	0	50.0	IMSA 100	0.90	0.0	108.0	40.0		
Audi	R8 LMS GT3	0	1320	2	0.0	40.0		0	8500	0	50.0	IMSA 100	0.91	0.0	96.0	40.0		
BMW	M6 GT3	0	1305				See Table	0	7250	0	50.0	IMSA 100	0.92	0.0	104.0	40.0		
Ferrari	488 GT3	0	1345				See Table	0	7500	0	50.0	IMSA 100	0.92	-2.0	92.0	40.0		
Lamborghini	Huracan GT3	0	1300	2	0.0	39.0		0	8500	0	50.0	IMSA 100	0.91	0.0	95.0	40.0		
Lexus	RC F GT3	0	1380	2	0.0	39.0		0	7200	0	50.0	IMSA 100	0.86	0.0	99.0	40.0		
Mercedes	AMG GT3	0	1390	2	0.0	36.0		0	7500	0	55.0	IMSA 100	0.88	0.0	101.0	40.0		
Porsche	911 GT3 R	0	1285	2	0.0	43.0		0	9500	0	50.0	IMSA 100	0.88	0.0	92.0	40.0		

Acura NSX GT3

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000		1.765
4000		1.765
4500		1.768
5000		1.815
5500		1.880
6000		1.986
6200		2.015
6300		2.025
6400		2.028
6500		2.026
6600		2.021
6700		2.010
6800		1.993
7000		1.960
7500		1.900
7800		1.000

BMW M6 GT3

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000		1.627
3000		1.839
4000		2.000
4500		2.054
4750		2.075
5000		2.095
5250		2.063
5500		2.029
5750		1.971
6000		1.938
6250		1.897
6500		1.866
6750		1.776
7000		1.715
7250		1.640
7550		1.000

Ferrari 488 GT3

Engine Speed	Boost Ratio	
	adj	current
[rpm]		
2000	-0.028	1.396
4000	-0.028	1.396
4500	-0.030	1.450
4750	-0.030	1.480
5000	-0.031	1.517
5250	-0.032	1.556
5500	-0.033	1.595
5750	-0.033	1.623
6000	-0.033	1.633
6250	-0.033	1.624
6500	-0.032	1.591
6750	-0.032	1.548
7000	-0.031	1.508
7250	-0.030	1.464
7500	-0.029	1.424
7800		1.000