

2018 UNITED STATES GRAND PRIX

18 - 21 October 2018

From	The FIA Formula One Technical Delegate	Document	3
To	The Stewards	Date	18 October 2018
		Time	11:00

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 18 US GP 18 TDR1.pdf

Jo Bauer

The FIA Formula One Technical Delegate

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Technical Delegate's Report

The drivers entered in the 2018 Formula One Championship have used the below listed number of power unit elements during this season so far:

			ICE	TC				
			MGU-H	MGU-K				
			ES	CE				
ICE	Internal Combustion Engine		TC	Turbo Charger				
MGU-H	Motor Generator Unit – Heat		MGU-K	Motor Generator Unit – Kinetic				
ES	Energy Store		CE	Control Electronics				
N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE
44	Mercedes	Lewis Hamilton	3	3	3	2	2	2
77	Mercedes	Valtteri Bottas	4	4	4	3	3	3
05	Ferrari	Sebastian Vettel	3	3	3	2	2	2
07	Ferrari	Kimi Räikkönen	3	3	3	2	2	2
03	RBR TAG Heuer	Daniel Ricciardo	5	5	5	5	4	4
33	RBR TAG Heuer	Max Verstappen	4	4	4	4	3	3
11	Force India Mercedes	Sergio Perez	3	3	3	2	2	2
31	Force India Mercedes	Esteban Ocon	3	3	3	2	2	2
18	Williams Mercedes	Lance Stroll	3	3	3	2	2	2
35	Williams Mercedes	Sergey Sirotkin	3	3	3	2	2	2
27	Renault	Nico Hülkenberg	5	6	5	4	4	4
55	Renault	Carlos Sainz	4	4	4	3	3	3
28	Toro Rosso Honda	Brendon Hartley	7	7	7	6	3	4
10	Toro Rosso Honda	Pierre Gasly	6	6	6	5	3	3
08	Haas Ferrari	Romain Grosjean	3	3	3	2	2	2
20	Haas Ferrari	Kevin Magnussen	3	3	3	2	2	2
14	McLaren Renault	Fernando Alonso	4	4	4	4	3	3
02	McLaren Renault	Stoffel Vandoorne	4	4	4	3	3	3
09	Sauber Ferrari	Marcus Ericsson	4	3	3	2	3	2
16	Sauber Ferrari	Charles Leclerc	3	3	3	2	2	2