

## 2023 UNITED STATES GRAND PRIX

20 - 22 October 2023

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	5
<b>To</b>	The Stewards	<b>Date</b>	20 October 2023
		<b>Time</b>	07:56

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**Title** Technical Delegate's Report

**Description** PU elements used per driver up to now

**Enclosed** 19 US GP 23 TDR1.pdf

**Jo Bauer**

**The FIA Formula One Technical Delegate**

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## Technical Delegate's Report

The drivers entered in the 2023 Formula One Championship have used the below listed number of power unit elements during this season so far:

<b>ICE</b>	Internal Combustion Engine	<b>TC</b>	Turbo Charger
<b>MGU-H</b>	Motor Generator Unit – Heat	<b>MGU-K</b>	Motor Generator Unit – Kinetic
<b>ES</b>	Energy Store	<b>CE</b>	Control Electronics
<b>EX</b>	Engine EXhaust system		

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE	EX
01	RBR RBPT	Max Verstappen	4	4	4	4	2	2	5
11	RBR RBPT	Sergio Perez	5	5	5	5	3	4	6
16	Ferrari	Charles Leclerc	4	4	4	4	3	4	6
55	Ferrari	Carlos Sainz	4	4	4	4	2	2	6
63	Mercedes	George Russell	4	4	4	4	2	2	4
44	Mercedes	Lewis Hamilton	4	4	4	4	2	2	5
31	Alpine Renault	Esteban Ocon	4	4	4	4	2	2	7
10	Alpine Renault	Pierre Gasly	4	4	4	4	2	2	7
81	McLaren Mercedes	Oscar Piastri	4	4	4	4	2	2	5
04	McLaren Mercedes	Lando Norris	4	3	3	3	2	2	6
77	Alfa Romeo Ferrari	Valtteri Bottas	4	4	4	4	2	2	6
24	Alfa Romeo Ferrari	Zhou Guanyu	5	5	5	4	2	3	6
18	Aston Martin Mercedes	Lance Stroll	4	4	4	4	2	2	4
14	Aston Martin Mercedes	Fernando Alonso	4	4	4	4	2	2	4
20	Haas Ferrari	Kevin Magnussen	5	5	5	3	3	3	6
27	Haas Ferrari	Nico Hülkenberg	5	5	5	5	2	3	6
40	AlphaTauri RBPT	Liam Lawson	4	4	4	4	3	3	5
22	AlphaTauri RBPT	Yuki Tsunoda	4	4	4	4	2	2	6
23	Williams Mercedes	Alexander Albon	4	4	4	4	2	2	5
02	Williams Mercedes	Logan Sargeant	4	4	4	4	2	2	4