

2023 MIAMI GRAND PRIX

05 - 07 May 2023

From	The FIA Formula One Technical Delegate	Document	5
To	The Stewards	Date	05 May 2023
		Time	10:00

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 05 MIA GP 22 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:

ICE Internal Combustion Engine
MGU-H Motor Generator Unit – Heat
ES Energy Store
EX Engine Exhaust system

TC Turbo Charger
MGU-K Motor Generator Unit – Kinetic
CE Control Electronics

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE	EX
01	RBR RBPT	Max Verstappen	1	1	1	1	1	1	2
11	RBR RBPT	Sergio Perez	1	1	1	1	3	3	2
16	Ferrari	Charles Leclerc	2	2	2	1	2	3	2
55	Ferrari	Carlos Sainz	2	2	2	2	1	1	2
63	Mercedes	George Russell	2	2	2	2	1	1	3
44	Mercedes	Lewis Hamilton	2	2	2	2	1	1	3
31	Alpine Renault	Esteban Ocon	1	1	1	1	1	1	2
10	Alpine Renault	Pierre Gasly	2	2	2	2	1	1	3
81	McLaren Mercedes	Oscar Piastri	2	2	2	2	1	1	3
04	McLaren Mercedes	Lando Norris	2	2	2	2	2	2	3
77	Alfa Romeo Ferrari	Valtteri Bottas	2	1	1	1	1	1	2
24	Alfa Romeo Ferrari	Zhou Guanyu	2	1	1	1	1	1	2
18	Aston Martin Mercedes	Lance Stroll	2	2	2	2	1	1	3
14	Aston Martin Mercedes	Fernando Alonso	2	2	2	2	1	1	3
20	Haas Ferrari	Kevin Magnussen	2	2	2	1	1	1	2
27	Haas Ferrari	Nico Hülkenberg	2	2	2	2	1	1	2
21	AlphaTauri RBPT	Nyck de Vries	2	2	2	2	1	2	2
22	AlphaTauri RBPT	Yuki Tsunoda	2	2	2	2	1	1	2
23	Williams Mercedes	Alexander Albon	2	2	2	2	1	1	3
02	Williams Mercedes	Logan Sargeant	2	2	2	2	1	1	3