

For press release

2019, Sep. 11th

DOME CO.,LTD

Completed FIA FORMULA REGIONAL Regulation vehicle "DOME F111/3"
Aim to start Championship from 2020

DOME CO.,LTD (Head office: Maibara-shi, Shiga / President : Takuya Takahashi) has developed and conducted shakedown for "DOME F111/3" which is conforming to FORMULA REGIONAL certified by FIA, and have been prepared to expand the introduction all over the world as a new category which can replace to the conventional F3 by FIA.





■ What is FIA FORMULA REGIONAL (FIA formula regional) ?

FIA FORMULA REGIONAL is a new category which was established for reorganizing the categories of Single Seater, commonly known as Formula car, and F1 standing on top of them. It is also for the introduction of new safety rules, and it was started and has been operated by "Fédération Internationale de l'Automobile", hereinafter, "FIA" since 2014. Its technical rules were ratified in 2018, and has already been started in Asia, America, and Europe.

Shock absorption structure is additionally set up not only on its back and forth but also on its right and left, HALO device (Head protector device) is set up as its main features, and it's the vehicle conforming to the newest regulation set up by FIA. Additionally, it's categorized to the superior standard against FIA-F4 under the top of F1 by the adoption of new power weight ratio classification.

Regarding the cost aspect, vehicle body :EUR77,000, engine :EUR23,000, the prices on FIA FORMULA REGIONAL are set up by FIA, and it's the world standard, fixed price (cap price). In addition, spare parts etc. also are conformed to the cap price, thus, the running cost can be drastically reduced compared to the conventional F3.

■ DOME F111/3

DOME has been taking part in the phase of settling on the regulation of FORMULA REGIONAL at FIA, we started the foundation design of DOME F111/3 soon after the standard was ratified in 2018.

"F111/3" is the newest deigned vehicle by Dome, who has developed and fabricated various standard formula cars such as exclusive car at Suzuka racing school, FIA-F4, F3, F3000, F1, and various sports cars, and GT cars.

"F111/3" is a new model after 5 years when FIA-F4 standard vehicle -"F110" was completed in 2014. As it can be recognized to be given the new model number "F111", it has no common parts with "F110", it's a totally brand new mass production- racing vehicle. The "/3" after the model number shows



the event, it's designed can be developed to the derived models using this survival cell whenever necessary as the occasion demands in future.

Furthermore, "F111/3" is the 3rd approved vehicle as the same standard by FIA. It's a FIA standard conforming vehicle same as "F110", it's a "World standard vehicle" approved by FIA not only for the vehicle body chassis price, but also for the all other parts' price.

The feature on the completed "F111/3" this time is that we introduced the design prioritizing Ergonomics precedingly, which FIA has been studying to introduce in future. We improved the comfortability and maneuverability due to the difference of driver's height and weight. We have also achieved the secureness of power unit cooling performance coping with the high temperature and humidity, and its maintainability within the range of regulated price.

Carbon fiber (CFRP) monocoque on "F111/3" is a farther advanced version of the one on FIA F4 machine "F110", compatible with high rigidity, low weight, and high level of safety with mounting HALO established by FIA.

All body works made of CFRP, throughgoing pursuing structural technical analysis and aerodynamic characteristic, while cleared fixed minimum weight 650kg by regulation, realized good handling performance with high rigidity and lowering the center of gravity.

Engine, whose maximum output is 270bhp, 1750cc inline 4 cylinders with inter cooler turbo, is mounted. Gear box has 6 shifts- paddle shift.



■ Shake down success at Okayama international circuit

The shake down for completed machine was conducted on Sep. 10th, 11th at Okayama international circuit by a professional driver – Hiroki Katoh who has wide experience from Formula car to GT series, and by Yu Kanamaru who has taken part in Asian F3 operated by FIA FORMULA REGIONAL regulation. There were no big troubles, and we could confirm that we realized the figure which DOME F111/3 had aimed at its design stage with high rigidity chassis, driving position of drivers oriented, and its high reliability. And another test is planned to be conducted by Yoshiaki Katayama who stood at the winner's podium at F3 Championship the other day.



●Comment from Hiroki Katoh

Although I drove the vehicle expecting the trouble shooting is the main purpose since it's a shake down, I felt it's a well-made vehicle already since there was no troubles on the vehicle through various driving ways. Cockpit is so wide and its comfortability is excellent. I feel even gentleman drivers can enjoy driving the vehicle since its down force is very stable, I can say so since I have driven various vehicles.

●Comment from Yu Kanamaru

Although I had expected that finding its troubles is the main aim on this session since it's a shake down, I could complete the test for machine itself except for the intake portions at my 2 sessions. I could try various points for set up aspect on the test, so I couldn't believe it's the first time for the vehicle to be driven on the road.

■Start FORMULA REGIONAL JAPANESE CHAMPIONSHIP from 2020

FORMULA REGIONAL JAPANESE CHAMPIONSHIP Secretariat has been preparing to start FORMULA REGIONAL JAPANESE CHAMPIONSHIP using DOME F111/3 certified by FIA from 2020.

Press conference is supposed to be held to unveil detail information on Sep. 27th on SUPER Formula Round 6th at Okayama international circuit.



■ Contact: Regarding Race

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