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ABRA18 MAYA-TEO UPDATE

July 4 2024

Subject: Information on ABRA 18mm Rocket Engine New Tests and Developments

Dear Users

We would like to share with you important developments regarding the ABRA 18mm rocket engine and the new test processes to be initiated. In this process, various innovations and improvements have been made to increase the performance and reliability of the ABRA 18mm rocket engine.

First of all, the new tests to be initiated for the ABRA 18mm rocket engine aim to further improve the engine's critical features such as thrust, combustion efficiency and thermal durability. During these tests, the performance of the engine under different conditions will be analysed in detail and necessary adjustments will be made in line with the data obtained. This process will be carried out meticulously to ensure safer and more efficient use of the engine. Each stage of the tests has been carefully planned to measure the current performance of the engine and identify possible areas for improvement. The focus will be on critical performance parameters such as flight stability, fuel consumption rates and overheating.

In addition, significant progress has been made in fuel technology. The fuel technology used in ABRA 18mm rocket engines is continuously being improved, thereby increasing the performance and reliability of our engines. New fuel formulations enable the engine to operate with higher efficiency and minimise environmental impact. These innovations are the result of continuous R&D efforts to best meet the needs of our users. The combustion time and thrust generating capacity of the fuel have been optimised to improve the overall performance of the engine. This makes it possible for our rocket engines to perform longer and safer flights.

In addition to the ABRA 18mm rocket engines, significant safety improvements have also been made to the MAYA and TEO rocket engines. These engines have been developed in accordance with international standards and have been maximised in terms of safety. As a result of the tests and improvements, the MAYA and TEO engines have been brought to the best position in many standards and the highest level of protection has been provided for the safety of our users. The structural durability of the motors has been increased, mounting and connection points have been strengthened and possible defects in electrical systems have been eliminated. Thus, the reliability and performance of our motors have been maximised.

While providing information about the above-mentioned developments and new test processes, we would like to emphasise that we always prioritise the safety and satisfaction of our users. Please do not hesitate to contact us for further information or any questions regarding ABRA 18mm rocket motors. As a company, the satisfaction and safety of our valued users is always our top priority. For this reason, we will continue to continuously improve our products and offer innovative solutions.

Sincerely,

ABRA SPACE LTD.

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