

**TEKS UCAPAN
YB DATUK DR. ABU BAKAR BIN MOHAMAD DIAH
TIMBALAN MENTERI SAINS, TEKNOLOGI DAN INOVASI**

**MAJLIS PERASMIAN PELANCARAN PENERBANGAN PARABOLA
DAN PELANCARAN KELAB ZG**

**21 APRIL 2016 (KHAMIS)
GENTING INTERNATIONAL CONVENTION CENTER**

Salam Sejahtera dan Salam 1Malaysia.

**YM SR. DATO' DR. TUNKU FAUZI BIN DATO' TUNKU ABDUL
MALEK AL HAJ**

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Pengarah Urusan ZG Space City Malaysia Sdn. Bhd.;

YBRS. ENCIK MOHD JAMIL MOHD NOR

Pengasas Bersama dan Bendahari, Space Tourism Society Malaysia
Chapter;

Yang Berbahagia Datuk-Datuk, Datin-Datin, Rakan Media, Tuan-tuan
dan Puan-puan yang dihormati sekalian.

PENDAHULUAN

1. Alhamdulillah, marilah kita sama-sama memanjatkan kesyukuran ke hadrat Ilahi kerana dengan limpah dan kurnia-Nya dapat kita bersama-sama menjayakan **Majlis Perasmian Pelancaran Penerbangan Parabola yang Pertama di Malaysia serta Pelancaran Kelab ZG (Zero Gravity)** ini.

2. Terima kasih kepada Space Tourism Society Malaysia Chapter (STS-MC) dan ZG Space City Malaysia Sdn. Bhd. kerana telah menjemput saya untuk menyampaikan ucapan dan seterusnya untuk merasmikan majlis ini. Izinkan saya untuk meneruskan ucapan saya dalam Bahasa Inggeris memandangkan kita mempunyai tetamu dari luar negara pada malam ini.

3. I would like to extend my deepest appreciation to Spaceland Italia SRL, the strategic partner of STS-MC for sharing their expertise on microgravity flight to Malaysia. I would also like to take this opportunity to thank all of you, the participants from various parts of the world to ensure this event will become a great success.

Ladies and gentlemen,

4. I was informed that **microgravity flight** is the most cost effective method to emulate weightlessness via modified commercial aircrafts in compliance with the approved safety features by FAA and ESA. These flights flown with a specific parabolic flight pattern will enable us to conduct researches and experiments in microgravity environment without the need to launch into the outer space.

5. At the moment, this microgravity flights are offered to the public to experience firsthand microgravity with an affordable price. I was made to understand that it is now possible to reduce the cost to conduct experiment in microgravity through these commercialisation efforts.

MALAYSIA'S FIRST MICROGRAVITY FLIGHT 2016

Ladies and Gentlemen,

6. The inaugural microgravity flight is scheduled to take off sometime in July 2016, after the appropriate approval and permit were obtained from the Department of Civil Aviation (DCA). I am most certain that through this 3 prong strategic alliance between STS-MC, Spaceland Italia and ZG, this would greatly facilitate the Malaysian Government to provide relevant facilities for microgravity programmes. This initiative would enable the research community from local universities to enhance their R&D capabilities and subsequently be able to excel in various STEM related education and research which would require a microgravity environment.

7. It is my firm belief that this initiative will provide the platform to advance our R&D for local research community that would inherently benefit the Malaysian. I was made to understand that Spaceland Italia has vast expertise in the space industry and also the leader in design, engineering, integration, qualification and operation services for:

- a) "Microgravity Science";
- b) "Biomedical Research";
- c) "Technology Innovation Payloads";
- d) "Test Facilities Operations in Weightlessness";
- e) "Microgravity Techno-Science"; and
- f) "Developing Operational Astronauts Training Curricular on Ground and Underwater".

Ladies and gentlemen,

8. I was informed that ZG will offer these unique flight to the members of ZG Club, be it from locals or international participants. Those whom had the chance then will be able to experience weightlessness whereby they could flip, float and soar as if he or she is in the International Space Station (ISS).

9. The Government of Malaysia and MOSTI are more than happy to welcome such initiative as this would provide the impetus for the

required infrastructure development for microgravity activities in Malaysia.

10. Thus, the move by STS-MC to collaborate with ZG to promote microgravity flight at the commercial scale is a truly wise move and I sincerely hope that this would evolve to a full fledged facility for microgravity activities in the near future. You have my utmost support and I wish you all the success.

Ladies and gentlemen,

11. The Government through MOSTI always put the emphasis to strengthen our microgravity R&D capabilities in order to spur growth to a wider spectrum of research community with sound S&T expertise. It is my fervent hope that our local research community will be able to undertake 30% R&D in microgravity sciences in the future. MOSTI would like to applaud the ongoing negotiations between Spaceland Italia and STS-MC to setup a Centre of Excellence in Microgravity.

CLOSING

12. Before I end my speech, I would like to congratulate once again to Space Tourism Society-Malaysia Chapter, Spaceland Italia and ZG Space City Malaysia Sdn. Bhd. and all those involved for this concerted efforts to ensure Malaysia's first microgravity flight will be a stellar success.

13. On that note, it is with my great pleasure to officially launch **Malaysia's First Microgravity Flight and ZG Club.**

Thank you and have a great evening.

Wabillahitaufik Walhidayah Wassalamualaikum Warahmatullahi
Wabarakatuh.