



GTT Tour to the Tsukuba Space Center (TKSC)

20, Feb, 2010

9:30 -10:15	Akihabara to Tsukuba (T-EX Super express)	
10:29 -10:44	Arrival of Tsukuba Space Center by bus	
10:55 -11:00	Registration	Bldg. E-2
11:00-12:00	Free Tour to the Exhibition Room	S-2
12:00 -12:50	Lunch time	C-2
12:50 -14:30	General Guided Tour	E-2

General Guided Tour

1	<p><u>Outline of the Center</u></p> <p>(1) Opened in 1972, was renamed as JAXA after the integration of three institutes in 2003</p> <p>(2) 530,000 square meter wide</p> <p>(3) 1,700 staff members</p> <p>(4) Main tasks are:</p> <ol style="list-style-type: none"> 1 Launching rockets 2 Satellite technology development 3 Earth observation research and data processing 4 Development of launch vehicles for Japanese rockets 5 Promote the participation in the International Space Station with “Kibo” 6 Training of astronauts 	<p><u>Some Key Words:</u></p> <p>Kibo(hope) : Japanese Experiment Module in the Int'l Space Station</p> <p>Kaguya : Moon explosion satellite</p> <p>Kiku: the first satellite launched by NASDA</p>
2	<p><u>Tour guidance</u></p> <p>(1) Always wear the card around your neck</p> <p>(2) Use bathroom before getting on the guided tour bus</p> <p>(3) Free to take photos, but do not use a flash</p> <p>(4) Acoustic test facility will be extremely noisy</p> <p>(5) Do not walk into the off-limits area</p> <p>(6)</p>	<p>IMPORTANT NOTICE</p>
3	<p><u>15 min. explanatory movie in the audio visual room, about the center)</u></p> <p>(1) Over 30 years, the Center has been the major institution for Japan's space technology</p> <p>(2) Various testing facilities, including 13m in diameter space chamber</p> <p>(3) Sound experimental facility for rocket launching</p> <p>(4) Basic scientific research, i.e, how to avoid X-ray from the sun, etc.</p> <p>(5) Weightless environment training facility using water pool</p>	

	(6) “Kiku” (the first satellite launched by NASDA) project for ETS (launch testing) , to control other satellites station in Japan and the world (7) “Kibo, or hope in Japanese” (Japanese Experiment Module in the International Space Station) Control center (8) Training center for astronauts who works for/ at Kibo (9) Developing space food and food menus to stay longer in a good health in the space (10) Social contribution for better life (11) “Kaguya” project for the moon explosion (12) Scientific research at Kibo ,,,,, and other activities
4	Exhibition Room Tour (Building S-2)
5	Space Station Testing Building (W-3) <3 rd floor only, 15 members in an elevator ride> Japanese Experimental Module (JEM) called “Kibo” was developed and launched by three separate space shuttle flights.
6	Sound Experimental Building (C-3) Experience the acoustics of the rocket launch.
7	Space Shop (for souvenir) (E-2) <div style="border: 2px solid blue; border-radius: 15px; padding: 10px; margin-top: 10px;"> <p><u>Note:</u> No visit to: Astronauts Training Facility Weightless Environment Test Building Kibo Flight Control Room</p> </div>

14:30	Guided tour ends		
14:55	Take the “science tour bus” to the station		
15:04	Arrival at Tsukuba Sta.		
15:25	Tsukuba (Super Express)		
16:10	Akihabara Sta.		
16:24	Akihabara (JR Yamanote Line)	16:24	Akihabara (JR Yamanote Line)
	↓	16:28	Tokyo
16:38	Shinagawa	16:33	Tokyo (JR Tokaido Line Actie, to Odawara)
16:43	Shinagawa (JR Yokosuka Line)	17:08	Totsuka
	↓	17:16	Totsuka(JR Yokosuka Line)
17:49	JR Yokosuka	17:49	JR Yokosuka