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Republic of Turkey

ICAO

The issue before the republic of Turkey are

1, the environment and space activity

2, the militarization of space and international law

3, space commercialization

1: The environment and space activity

Turkey is a growing country, but Turkey does not have a national space agency which makes country's space exploration and research more challenging. While establishment of a National Space Agency is on the way, the only government department related to the field is TÜBİTAK Space. Even without a national space agency, with the work done by TÜBİTAK Space, Turkey had many advances in space field in the past recent years for example Turkey has educated astronauts. The most significant result of the work done by TÜBİTAK Space was the launch of the first Turkish Earth-Observation satellite that is fully designed in Turkey, RASAT. RASAT is the second remote-sensing satellite after the launch of Turkey’s first remote sensing satellite BİLSAT. RASAT, having a high-resolution optical imaging system and new modules developed by Turkish engineers, will be the first Earth-observation satellite to be designed and manufactured in Turkey[[1]](#footnote-1). Turkey’s space ambitions are to be able to design, build, and manufacture its own satellites to meet domestic military and civil needs, as well as to become a commercial hub in the Middle East, Black Sea, and Central Asian regions for the manufacture and launch of satellites, space science, and space exploration[[2]](#footnote-2), but problem of space environmental is becoming more serious. Space debris are increasing and danger to collusion with satellites is rising, and emissions of black carbon from launches could make a significant contribution to climate change.

Therefore, the Republic of Turkey

1, Calls for cooperation with countries and industries to disperse the effect the power or influence.

2, Develops a satellite which can collect space debris or an electric rocket.

2: the militarization of space and international law

Turkey is an active participant in outer space peace since joining the Conference on Disarmament in 1996. The Conference includes as one of its main objectives the prevention of an outer space arms race[[3]](#footnote-3), and the Turkish military has established a “concept of using space for peaceful and defense purposes,” and has apparently produced a space roadmap, and also international law says “space as the province of all humankind, the freedom of exploration and use of outer space by all states without discrimination, and the principle of non-appropriation of outer space[[4]](#footnote-4),” so in the militarization of space, peaceful use of outer space is the biggest theme, but Russia and US made a rocket which has a missile like ASAT, is it defense or attack? There is no treaty which can answer this question. a government roadmap for military and civilian satellites, Turkey plans to send into orbit a total of 16 satellites by 2020, with contracts amounting to nearly $2 billion[[5]](#footnote-5).

Therefore, the Republic of Turkey

1, Develops space law to can distinguish the difference between defective or offensive

2, Encourages strengthen cooperation with space developed country to get more information, furthermore teach them to another developing country to be decrease imbalance

3: space commercialization

Turkey has a large commercial space industry. It is called Turkish Aerospace Industries. Turkish Aerospace Industries, Inc. designs, develops, manufactures, integrates, and supports aerospace systems for military and commercial aerospace customers in Turkey and internationally. The company offers products and services in the areas of aerostructures, aircraft, helicopter, UAV systems, and space systems, as well as various programs and logistics solutions[[6]](#footnote-6). As of 2010, Turkish Aerospace Industries employs over 1500 engineers, of whom approximately 850 are research and development engineers working in military research projects[[7]](#footnote-7), and recently Turkish Aerospace Industries (TAI) has signed a $3.5 billion agreement with Sikorsky Aircraft, the Defense Industry Undersecretariat (SSM) and three domestic subcontractors. Turkey relies on satellite orders from foreign customers, but securing contracts abroad may not be an easy task in a highly competitive market. Tüsaş Turkish Aerospace Industries, which will develop Turkey’s indigenous satellite, is a newcomer into the business, and it may not conduct production at the world’s most competitive prices, industry sources have said[[8]](#footnote-8). Father more, in development countries, many commercial industry plan to space travel for just fun. In the future everyone might can go to moon like foreign trip, and start to plan moon village.

Therefore, the Republic of Turkey

1, Support and investment for all company which has ambition for space and aviation. If these company grow up, it may support country develop.

2, Recommends to make laws for commercial space activities like space travel.

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