

Korea Multipurpose Satellite(KOMSAT) Program

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korea multipurpose Satellite(KOMSAT) program has been started in 1994. The purpose of the KOMSAT program is to develop and launch the multipurpose satellite for earth observation, scientific and communication experiments. The satellite is for low earth orbit, with its weight of 350 - 500 kg, in orbits at the altitude ranges of 400 - 800 km. The KOMSAT-1 will be in sunsynchronous orbit at altitudes of about 700 km, with its inclination angle of 98 deg. The total developing period is 4.5 years starting from November, 1994 to April, 1999. Korea Aerospace Research Institute(KARI) is managing the program with participation from industry, universities and other research institutes. The main contractor of the program is TREW. The program is supported by the Ministry of Science and Technology, Ministry of Commerce and Industry, and Ministry of Information and Communication. In this paper, the KOMSAT program will be presented in general with its mission.