



Name in English: Leroy Chiao
Name in Chinese: 焦立中
Name in Pinyin: Jiāo Lì Zhōng
Gender: Male
Year of Birth: 1960
Place of Birth: Danville, California

Profession: Chemical Engineer, Astronaut

Education: Monte Vista High School, Danville, California B.S. Chemical Engineering from the University of California, Berkeley; M. S. and Ph.D. in Chemical Engineering from the University of California, Santa Barbara, in 1985 and 1987.

Awards: 2010, Pioneer Award, OCA; Recipient of four NASA Space Flight Medals (2005, 2000, 1996, 1994), and numerous awards, including the NASA Distinguished Service Medal (2005), two NASA Exceptional Service Awards (2000, 1996), four NASA Individual Achievement Awards (2004, 2003, 2002, 2001), two NASA Group Achievement awards (1997, 1995). (See longer list of awards in full background file.)

Contribution(s): Selected by NASA in January 1990, Dr. Chiao became an astronaut in July 1991. He is qualified for flight assignment as a Space Station Commander, Space Station Science Officer, and as a Space Shuttle Mission Specialist. His technical assignments to date have included: Space Shuttle flight software verification in the Shuttle Avionics Integration Laboratory (SAIL); Crew Equipment, Spacelab, Spacelab and Payloads issues for the Astronaut Office Mission Development Branch; Training and Flight Data File issues; Extravehicular Activity (EVA) issues for the EVA Branch. Dr. Chiao also served as Chief of the Astronaut Office for the EVA Branch. A veteran of four space flights, he flew as a Mission Specialist on STS-65 (July 8-23, 1994), STS-72 (January 11-20, 1996) and STS-92 (October 11-24, 2000), and was the Commander and NASA Science Officer on Expedition-10 (October 13 to April 24, 2005). Dr. Chiao has logged a total of 229 days, 7 hours, 38 minutes and 5 seconds in space, including 36 hours and 7 minutes of EVA (work done outside the spacecraft while in space) time in six space walks.

Expedition-10 (October 13, 2004 to April 24, 2005). Dr. Chiao was the Commander and NASA Science Officer of the 10th mission to the International Space Station. Expedition-10 launched from the Baikonur Cosmodrome in Kazakhstan on October 13, 2004 aboard Soyuz TMA-5 and docked with the ISS on October 15, 2004. During his six and a half month stay aboard the station, Dr. Chiao performed numerous tasks including 20 science experiments and two repair and installation space walks, using the Russian “Orlan” space suit, totaling 9 hours, 56 minutes of EVA time on this flight. Expedition-10 concluded its successful mission on April 24, 2005 with a safe landing in Kazakhstan. With this mission, Dr. Chiao became the first Asian American and ethnic Chinese Mission Commander. (Additional contributions in full NASA biographical file.)

External Links:

www.jsc.nasa.gov/Bios/htmlbios/chiao.html <http://www.leroychiao.com/>