

12 launches of Flux Space components in first half of 2007

Asnaes, Denmark July 2006

First half of 2007 has added another 12 satellites to Flux proven track record.

July 6th – DirecTV-10

A Russian Proton-M carrier rocket has successfully delivered U.S. telecommunications satellite, DirecTV-10, into orbit. The rocket, powered by a Briz-M booster was launched from the Baikonur space center in Kazakhstan at 5.16 a.m. Moscow time Saturday (1.16 a.m. GMT). The launch services were provided by International Launch Services,

The Boeing-built 702 model satellite will provide multiple HD channels from top content providers such as Disney, Discovery Communications, A and E Television Networks, HBO, Fox, Turner, NBC Universal, Showtime Networks, Starz and Scripps Networks, among others.

Flux has supplied the magnetic components for the power supplies for the transponders.



Animation of DirecTV 10

July 5th – Chinasat 6B

The Chinasat 6B telecommunication satellite, built by Thales Alenia Space as prime contractor, was successfully boosted into orbit on Thursday July 5, from the Xichang Satellite Launch Center in southwest China's Sichuan Province by a Long March 3B rocket. Chinasat 6B will enable ChinaSatcom to offer communication and broadcast capabilities to the Chinese market.

Flux has supplied the magnetic components for the power supplies for the transponders.



File image of Long March 3B launch

May 30th – Globalstar

4 Globalstar spare satellites were launched from the Baikonur Cosmodrome in Kazakhstan on Wednesday, May 30th at 2:31 am local time, using the Soyuz-Fregat version of the Soyuz launch vehicle.

Globalstar considers these spare satellites to represent the beginning of our next-generation constellation, because they will not only help bridge the gap today, but last long into and seamlessly operate with, our second-generation constellation.

Flux has supplied the magnetic components for the transponders for all 56 satellites.



Animation of the separation

May 4th – Astra 1 L & Galaxy 17

On May 4th 2007, an Ariane 5 ECA launcher lifted off from Europe's Spaceport in French Guyana on its mission to place two satellites into geostationary transfer orbits. Lift-off of flight V176 took place at 22:29 GMT/UTC (19:29 local time, 00:29 [May 5th] CET/Paris).

The payload comprised Astra 1L, a Ku- and Ka-band broadcast services satellite intended for direct-to-home transmissions over continental Europe, and Galaxy 17, a C- and Ku-band television and telephony services satellite that will serve North America. The payload mass was 9402 kg; the satellite masses totally 8605 kg, with payload adapters and dispensers making up the additional 797 kg. This is a new record for Ariane 5 ECA

Flux has provided magnetic components for both satellites and for 16 equipment on the Ariane 5 launcher.



The Ariane 5 ECA is the latest version of the Ariane 5 launcher. It is designed to place payloads weighing up to 9.6 tonnes into geostationary transfer orbit. With its increased capacity Ariane 5 ECA can handle dual launches of very large satellites.

April 9th – ANIK F3

The Anik F3 satellite was launch by an ILS Proton Breeze M vehicle which lifted off from Baikonur on April 9th at 22:54 UTC.

The satellite was manufactured by Astrium and has 24 active transponders in C-band, 32 in Ku-band and a small payload in Ka-band. Anik F3 will provide valuable broadcasting, telecommunications, business communications and Internet-based services.

Flux has supplied the magnetic components for the C-band transponders.



Animation of Anik F3

March 11th – Skynet 5A & Insat 4 B

On March 11th 2007, an Ariane 5 ECA launcher lifted off from Europe's Spaceport in French Guyana on its mission to place two satellites into geostationary transfer orbits.

Lift-off of flight V175 took place at 22:03 GMT/UTC (19:03 local time, 23:03 CET/Paris). The satellites were accurately injected into the correct transfer orbits about 30 minutes later. The payload comprised Skynet 5A, a secure telecommunications satellite for the British armed forces, and Insat 4B, which will provide fixed television and telecommunications services for the Indian subcontinent.

Flux has provided magnetic components for both satellites and for 16 equipment on the Ariane 5 launcher.



Flight V175 lifts off from the ELA-3 launch zone at Europe's Spaceport in French Guiana

February 23rd – IGS

Japan launched its fourth spy satellite Saturday, completing its capabilities to monitor activities worldwide and bolstering its ability to observe neighboring North Korea's nuclear program.

The satellite, along with a smaller test prototype, was launched from the country's space center on a remote southern Japan island atop an H-2A rocket, the workhorse of Japan's space program.

The launch of the radar satellite enhances a multibillion dollar, decade-old plan for Japan to have round-the-clock surveillance of the secretive North and other areas Japan wants to peer in on.

Flux has been supplying the magnetic components for all major power supplies.



The H2A launcher carrying IGS

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