

# Another 1,000 Flux Components Successful Launched

**Asnaes, Denmark March 2006**

The HOT BIRD™ 7A telecommunication satellite, built by Alcatel Alenia Space as prime contractor, was successfully boosted into orbit on Saturday, from Kourou, French Guiana at 7:32 pm (local time). HOT BIRD™ 7A will enable Eutelsat to broadcast digital television channels as well as radio services in Europe, North Africa and the Middle East.

Based on the Alcatel Alenia Space's Spacebus 3000B3 platform, the new satellite will join Eutelsat's HOT BIRD™ family of satellites co-located at 13 degree East and currently broadcasting 850 television channels and 550 radio channels to 110 million homes over Europe, the Middle East and North Africa.

Designed with a lifetime of 15 years, HOT BIRD™ 7A has 38 Ku-band transponders, a launch mass of 4,100 Kg and its solar panels will deliver 10 kW of electrical power. This satellite will replace HOT BIRD™ 1, will increase in-orbit capacity from 100 transponders to 102 transponders at HOT BIRD™ position and will provide redundancy.

Flux has contributed to this success, supplying magnetic components for four different equipment:

- LNA
- S-Band Transponders
- S-Band Receiver
- Ku (VHF) Band Telemetry Transmitter
- Ku Band Transponders

Flux is also heavily involved in the Ariane 5 launcher supplying magnetic components for:

- The Equipement de Pilotage Electronique (EPE) X 2 units
- The Boite de Puissance (BDP) X 4 units
- The Equipement de Pilotage Hydralique (EPH) X 6 units
- The Main computer X 2 units

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Another double success for Ariane 5 ECA carrying Hot Bird™ 7A and SPAINSAT into orbit