

Fifth launch for Ariane 5 this year (w/ Video)

October 17 2014



On 16 October 2014, Ariane 5 flight VA220 lifted off from Europe's Spaceport in Kourou, French Guiana to place two telecommunications satellites, Intelsat-30/DLA-1 and Arsat-1, into their planned transfer orbits. Credit: ESA

An Ariane 5 has lifted off from Europe's Spaceport in Kourou, French Guiana and delivered two telecom satellites, Intelsat-30/DLA-1 and Arsat-1, into their planned orbits.

Launch of flight VA220 occurred on 16 October at 21:44 GMT (23:44 CEST, 18:44 local time).

Intelsat-30/DLA-1, with a mass of about 6320 kg and mounted with its

[launch](#) vehicle adapter on top of Ariane's Sylda dual-payload carrying structure, was the first to be released 28 minutes into the mission.

Following a series of burns controlled by Ariane's computer, the Sylda structure encasing Arsat-1 was then jettisoned. Arsat-1, with a mass of 2973 kg, was released into its own transfer orbit about six minutes after the first satellite.

Intelsat-30/DLA-1, owned and operated by Intelsat, will be positioned at 95°W longitude in geostationary orbit to provide telecommunications and direct-to-home broadcast services to Latin America. The satellite has a design life of about 15 years.

Arsat-1, owned by Arsat in Argentina, will be positioned at 71.8°W in [geostationary orbit](#) to provide direct-to-home television, Internet access services, data transmission and IP telephony to Argentina and neighbouring countries. It has a design life of 15 years.

The payload mass for this launch was 10 083 kg. The satellites totalled 9293 kg, with payload adapters and carrying structures making up the rest.

Flight VA220 was the 76th Ariane 5 mission.

Provided by European Space Agency

Citation: Fifth launch for Ariane 5 this year (w/ Video) (2014, October 17) retrieved 17 April 2024 from <https://phys.org/news/2014-10-ariane-year-video.html>

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