

ARIANESPACE FLIGHT 113



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1. ARIANESPACE FLIGHT 113 MISSION

The 113th ARIANE launch (Flight 113) is scheduled to place the AfriStar satellite and the GE-5 satellite into a transfer orbit using an ARIANE 44L launch vehicle equipped with four liquid strap-on boosters (PAL), and the Ariane Dual Launch System (SPELDA). This will be the 82nd ARIANE 4 launch and the 27th in the 44L configuration.

It will be launched from the Ariane launch complex N° 2 (ELA2), in Kourou, French Guiana.

The launch vehicle performance requirement is 4947 kg (10,904 lb) of which 4459 kg (9,828 lb) represent the mass of the spacecraft to be separated on the injection orbit.

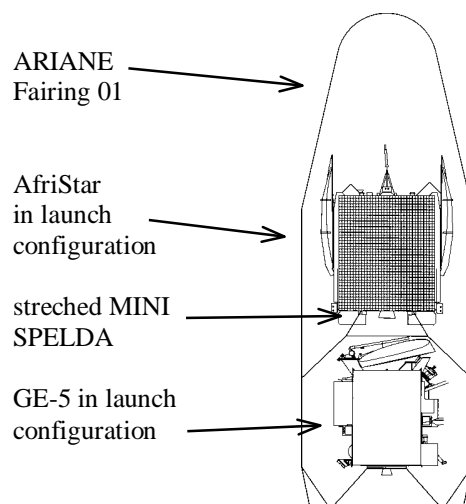
INJECTION ORBIT		
Perigee Altitude:	185	km
Apogee Altitude:	35786	km at injection
Inclination:	6.5 °	degrees

The ARIANE 44L launcher liftoff for Flight 113 is scheduled on **Wednesday, October 28, 1998** as soon as possible within the following launch window :

KOUROU TIME
Between 7:15 pm and 8:33 pm on October 28, 1998

Launch opportunity (GMT)	Paris Time	Washington Time
from 10: 15 pm	11:15 pm	5:15 pm
to 11: 33 pm	12:33 am	6:33 pm
on October 28, 1998	on October 28/29, 1998	on October 28, 1998

ARIANE PAYLOAD FLIGHT CONFIGURATION



The AfriStar satellite was built by Matra Marconi Space (Toulouse, France) for Alcatel Space Industries (Cannes, France), for the WorldSpace Corporation (Washington, DC, USA)
Operational on orbit position: 21° East

The GE-5 satellite was built by Alcatel Space Industries (Toulouse, France) for Daimler Benz Aerospace (Germany) for GE American Communications (New Jersey, USA)
Operational on orbit position: 79° West