

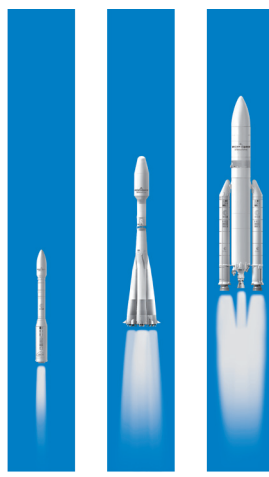


The Company in Charge of Launch Operations at the Guiana Space Center



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The Company in Charge of Launch Operations at the Guiana Space Center

A team of 80 professionals responsible for conducting and performing the launch operations, maintaining the facilities in operational condition and managing the launch complexes.

A unique dedicated operational team working for the three launchers operated from the Guiana Space Center to run the Ariane, Soyuz and Vega launch facilities. The common means (energy, fluids, networks, etc.), facilities and skills are shared for the three systems during preparations and launch operations.



Operations

A multidisciplinary team in charge of all operations on the launch facilities:

- Conduct final preparation of launchers prior to launch, carry out combined satellite/launcher operations and oversee operations during the final countdown until the liftoff.
- Maintain launch systems in operational condition and implement improvements for the equatorial region (revalidate ground facilities after each launch, implement improvements and manage obsolescence).



Specialties

A highly specialized team in charge of operating critical systems :

- Cryogenic fluids (liquid oxygen, hydrogen and helium).
- Inert gases at very high pressure (nitrogen, helium). Dangerous storable propellants.
- Operations in pyrotechnical zones.
- Responsible for operation of the control panels and of sophisticated electronic and computer systems.



Experience

An operational team unrivaled worldwide and recognized throughout the industry :

- 9 Ariane 5 launches in 12 months, 17 successfully orbited payloads.
- More than 200 launches in 30 years.
- The success of Ariane 5, with 44 successful launches in a row over the last eight years.
- Collaboration with Roscosmos to prepare Soyuz launches from the Guiana Space Center.
- Participation in Vega qualification campaign.

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