

Orbital systems
Launchers
Satellites
Transversal competencies



AREELIS Technologies is a French engineering and tests company, specialized in fluid mechanics, mechanics, thermal engineering and cryogenics, providing its products and services in the fields of space, defense and aeronautics.

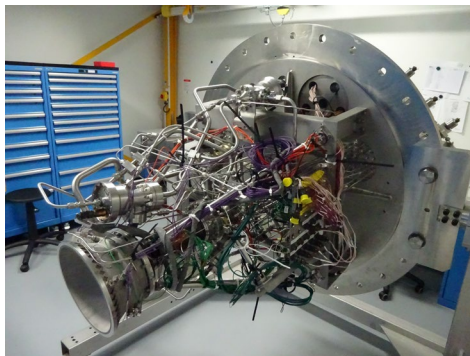
COMPETENCIES & CAPABILITIES

For space, we are specialized in:

- Assembly, Integration & Testing of Propulsion System
- Cryogenic tests and test benches
- Conception of assembly tools
- Expertise and technical support

Our capabilities include:

- White room ISO 8
- Dedicated test benches
- Tests rooms
- Workshop
- Thermal cycling test benches
- Vacuum Chambers
- Climate chambers



AREELIS TECHNOLOGIES

PRODUCTS&SERVICES

Services:

- Cryogenic and vacuum tests, fluid tests, thermal tests in space conditions
- Test Bench design & manufacturing
- Management of tests engineering from to
- Electronic component testing in harsh environment
- Assembly and mounting for spatial applications and equipment (propulsion systems, satellite panels) in white room ISO 8

Products:

- Test benches (mechanics, fluid mechanics, thermal applications, fire tests, vacuum applications, thermal shocks)
- Scientific and fluid mechanics software

MAJOR SPACE PROJECTS & REFERENCES

Customers:

CNES, ARIANE, CNRS, CEA, THALES, AIRBUS, ...

ARIANE GROUP: Tests of LN2 Motopomp, validation tests on PROMETHEUS COTS equipment

SAFRAN AIRCRAFT ENGINE: Design of a thermal test bench and thermal tests on a heating plate, ON/OFF thermal cycling tests on a heater, Vacuum and thermal system, mechanical tests on PPS® X00 components

ARIANE Works: Design of a test bench for thermal protections

Involved in the following spaces projects:

- BOREAS,
- APU project (ARIANE 6)
- THEMIS
- PROMETHEUS
- CALLISTO

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TURNOVER 1 M€

WORK FORCE 10

SPACE TURNOVER 1 M€

SPACE WORK FORCE 10