

Space Planes
Orbital systems
Satellites



Dawn Aerospace is a space transportation company developing the fastest and highest-flying aircraft ever to take off from a runway, alongside refuellable satellite propulsion.

Since the company was founded in 2017, 42 satellites have used its systems and components (as of Jan. 2026).

In France, the Dawn team specialises on propulsion and refueling as well as for the spaceplane operations development.

COMPETENCIES & CAPABILITIES

Dawn Aerospace core skills in France are:

- Propulsion and in-orbit refueling engineering
- Spaceplane operations development

Other competencies & capabilities available at non-French entities:

- Design, assembly, integration and testing, delivery and support activities for propulsion systems and in-orbit refueling development
- Design, assembly, integration and testing, delivery and support activities rocket-powered aircrafts (Spaceplane)
- Vertical integration and facilities: thruster hot fire test benches, COPV winding machine, component assembly and test, CNCs, clean rooms, helium vacuum leak testing, thermal vacuum chambers, System Hot-Fire Test Benches



DAWN AEROSPACE

PRODUCTS & SERVICES

Dawn Aerospace in France is developing and supporting engineering solutions for propulsion and the Docking and Fuel transfer port (DFT port - refueling interface) adaptation to electrical propulsion, as well as solutions for in-orbit refueling and spaceplane operations

Other products available at non-French entities:

- High-performance, non-toxic propulsion systems:
 - o Cubedrive: turn-key propulsion module in 0.8U or 2U volumes
 - o Satdrive: available for any spacecraft from 20 to 500 kg+
 - o Propulsion AIT & components for chemical or electrical
- In-orbit refueling solutions by providing the DFT Port starting 2026 and developing the Loop in-orbit refueling infrastructure.
- Aurora, a rocket powered aircraft able to perform sub-orbital flights twice a day, offering a speed of Mach 3.5, a max attitude of 100 km attitude and microgravity duration up to 127s.

MAJOR SPACE PROJECTS & REFERENCES

In-Space propulsion, in-orbit refueling

- 42 satellites at date (2026) are carrying our products in space for LEO, GEO, deep space missions and over 50 projects under contract.
- Launch heritage: Falcon 9 - SpaceX, Soyuz-2 - Roscosmos, Vega C - Arianespace, Electron - Rocket Lab
- 10+ innovative projects founded by ESA (GSTP, ARTES, FLPP), Horizon Europe
- DFT ports (passive side) launch starting in 2026
- DFT port adaptation to electrical propulsion

Mk-II Aurora Spaceplane

- 64+ of flights tests with the Mk-II A at date (2026)
- 1 next-gen Aurora Spaceplane sold to Spaceport Oklahoma, USA.

POINT OF CONTACT

ADDRESS B612 - 3, rue Tarfaya
31400 Toulouse, France

WEBSITE www.dawnaerospace.com

PHONE +33 (0)7 64 35 63 80

POINT-OF-CONTACT : Marjorie BEVON, Country Manager, France
m.bevon@dawnaerospace.com

TURNOVER

WORK FORCE < 5 (France), 120+ (world)

SPACE TURNOVER

SPACE WORK FORCE < 5 (France), 120+ (world)