

SAFRAN AERO BOOSTERS



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Safran Aero Boosters designs, develops and produces modules, equipment and test cells for aerospace engines. Thanks to its high-tech products, the company equips the Ariane launcher and most commercial aircraft engines in all thrust ranges. Based in Liège, Safran Aero Boosters has approximately 1,450 employees on an integrated 65,000 m² site.

BOOSTERS

Low-pressure compressors and front bearing support

- Responsibility of low-pressure compressors for CF34, CFM56, GE90, GE9X, GENx, GEPassport, GP7200, LEAP and Silvercrest engines
- Technology for developing more environmentally-friendly engines: light-weight booster (BluM® and composites) and high-speed booster
- Partnerships with Safran Aircraft Engines, General Electric and Pratt & Whitney

OIL SYSTEMS

Lubrication units, oil tanks, heat exchangers, special valves

- Responsibility of lubrication equipment for CF34, CFM56, GE90, GE Passport, LEAP, PW1000G (for MRJ, C-Series, E-jet), Silvercrest, TP400, SaM146 and helicopter engines
- A shift towards "more electric" aircraft and thermal management Maintenance, Repair and Overhaul for over 50 customers

TEST CELLS

Turnkey test cells, testing equipment, data acquisition and control systems

- Responsibility of military and civil test cells from A to Z, modernization and adaptation of test cells for all types of engine (turbofan engines, turbojets, turboshaft and engine components)
- Shift towards smart cowlings and more environmentally-friendly test cells (studies to find solutions that cut fuel consumption and recover energy)
- 50 customers: engine manufacturers, maintenance centers and armed forces

SPACE EQUIPMENT

Flow control valves for launcher engines and tanks

- Responsibility of flow regulation valves for the Vulcain 2® and Vinci® engines and stages
- Shift towards electrically actuated valves and boost enhanced features
- Partner of Airbus Safran Launchers for Ariane 5 & 6

