



Press Release

HyPrSpace Successfully Conducts First Test of Its Hybrid Rocket Engine at DGA Missile Testing Facility in Gironde



Le Haillan, June 20, 2024 – HyPrSpace, an innovative startup specializing in hybrid propulsion, proudly announces the successful first test of its engine at the DGA Missile Testing Facility in Saint-Médard-En-Jalles, Gironde. This milestone is crucial in validating its patented hybrid propulsion technology, demonstrating a successful transition from theoretical models to full-scale applications.

The Terminator engine tests aimed to confirm that HyPrSpace's propulsion technology meets the predictive performance of their theoretical models. This success also validates the transition from prototype to operational full-scale version, experimentally confirming the technology's reliability and efficiency.

Simultaneously, HyPrSpace has gained key expertise in operating a rocket engine using cryogenic propellant, ensuring future launches are safe and efficient. The internally developed data acquisition chain was also validated, confirming its proper functioning and performance under real-world conditions.

This strategic project showcases HyPrSpace's ability to provide an innovative, competitive, and responsive solution for space access, positioning the startup as a key player in the NewSpace and launch vehicle sectors.

Future development steps will focus on integrating the liquid oxygen (LOX) tank into the engine, adding a thrust vector control (TVC) system, and conducting tests simulating real flight conditions. These successive iterations will bring HyPrSpace closer to finalizing a mission-ready engine for the planned suborbital mission in 2026.

About HyPrSpace:

Based in Le Haillan, HyPrSpace has been developing an innovative hybrid propulsion launcher since 2019, combining solid and liquid propellants to create a launcher that is simple, reliable, and cost-effective. The company is financially and technically supported by the Directorate General of Armaments, the ESA, and the Nouvelle-Aquitaine region, and has been recognized by the France 2030 program for its disruptive potential in the space sector. Recently, HyPrSpace signed its first space launch contract with CNES.