

HYIMPULSE SIGNS LAUNCH SERVICES AGREEMENT WITH IN ORBIT AEROSPACE INC.

July 2022, Neuenstadt am Kocher, Baden-Württemberg, Germany

In March 2022, the German launch services provider **HYIMPULSE TECHNOLOGIES GMBH** signed a launch services contract with the US company **IN ORBIT AEROSPACE INC.**, for the launch of their full-scale earth return vehicle on SL1, as well as for additional launch options.

The re-entry capsule is scheduled to fly as part of the maiden flight on HyImpulse's orbital vehicle, Small Launcher SL1 in 2024.

In Orbit was founded to enable large-scale manufacturing and research in space. Recent advancements in technology have led to the production of breakthrough products in microgravity. In Orbit is here to build and operate a new space-based manufacturing supply chain. The company is developing spacecraft to host customer experiments and manufacturing equipment in space and return finished products back to Earth. Their uncrewed, reusable vehicles leverage proven technologies and are compatible with many launch vehicles, including Small Launcher, SL1, to enable a high frequency of flights at a low cost to the customer.

For more information, please visit <https://www.inorbitaerospace.com/>

HyImpulse, is a suborbital and orbital launch services provider based in Baden-Württemberg, Germany. Founded with the goal to revolutionize access to space, HyImpulse's Small Launcher, SL1, is powered by unique and proprietary hybrid propulsion systems. This disruptive technology enables HyImpulse to offer affordable, frequent, responsive and safe access to space for small satellites and spacecrafts. SL1 has a payload capacity of 500 kg to a 400 km SSO / 675 kg to LEO, and it will be the first orbital launch vehicle in the world to reach orbit with a hybrid propulsion system.

HyImpulse's first commercial product and technology demonstrator SR75, is a single stage sounding rocket using a hybrid rocket engine. It is designed to deliver institutional and commercial experiments into a micro gravity environment during a suborbital flight with payload capacity of 350 kg to 200 km. The maiden launch is planned for later this year.

For more information, please visit <https://hyimpulse.de/en/>

"HyImpulse's combination of advanced manufacturing, green propellant, and hybrid engines for their SL1 Launch Vehicle is a really unique and innovative approach. We're excited to be part of their first launch to create the next generation of microgravity research laboratories and a new supply chain for mass manufacturing in space", says Ryan Elliott, Co-Founder and CEO at In Orbit Aerospace.

"In Orbit Aerospace has an innovative approach to complex orbital manufacturing and operations to support their customers' needs. We look forward to working with them in strengthening the NewSpace-based infrastructure.", says Christian Schmierer, co-CEO of HyImpulse.

For all media inquiries, please contact pr@hyimpulse.de.