

PRESS RELEASE

Pforzheim, 16th November 2022

Artemis 1 Mission - Witzenmann components on their way to the moon

NASA's nearly 100-meter-high SLS (Space Launch System) moon rocket was successfully launched today, November 16th, as part of the Artemis 1 mission.

The SLS maiden flight brings an Orion space capsule without crew from Kennedy Space Center in Florida, USA, into lunar orbit. The capsule will orbit the moon for several weeks before being returned to Earth on course and finally steered into the Pacific.

Artemis 1 is the first step to get humanity back on the moon as part of the U.S. government-funded Artemis program. As part of the Artemis 3 mission, humans are scheduled to land in the Moon's south pole region in 2025.

For this mission, Witzenmann Aerospace, as a partner of the Ariane Group, supplies components for the control valves for the fuel supply of the 8 backup thrusters and the 24 engines for attitude control of the European Service Module (ESM) of the Orion Multi Purpose Crew Vehicle (Orion MPCV)

"We are very proud to make a contribution to humanity's path back to the moon and beyond with components from Pforzheim that meet the highest safety requirements," says Michael Weber, Head of the Witzenmann Aerospace Business Unit. "The fact that Witzenmann is a reliable partner of the Ariane Group with high-quality products and innovative technology 'Made in Baden-Württemberg' in this international program once again confirms the competence and international competitiveness of the Witzenmann Group."

***#WitzenmannGroup #WitzenmannAerospace
#ToInfinityAndBeyond #Artemis #SLS #Orion
#Space #MegaMoonRocket #Launch
#ExploreFarther #ESM #ForwardToTheMoon***

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Photo 1:
Artist's impression of the Orion Spacecraft
Photo and copyright: esa – European Space Agency
https://www.esa.int/Science_Exploration/Human_and_Robotic_Exploration/Orion/Propulsion

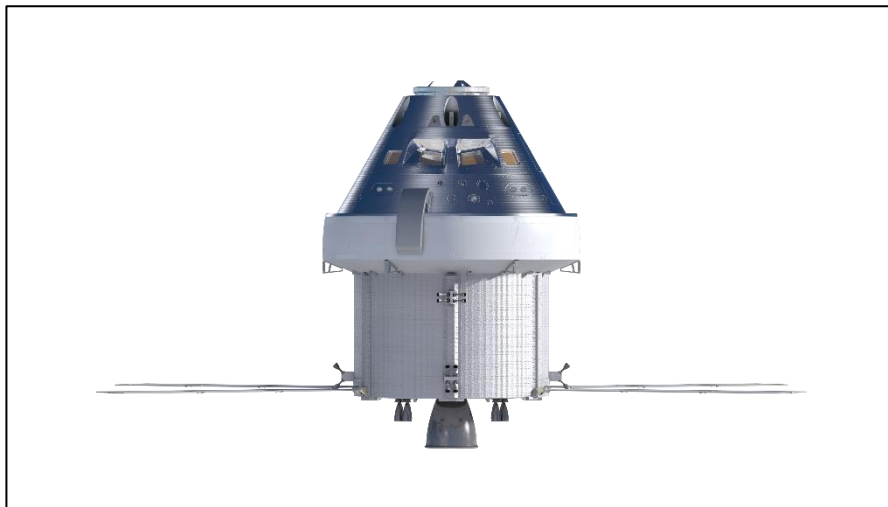


Photo 2:
Valve bellows for fuel valves ESM
Image: Witzenmann GmbH, taken by www.no-comment.de



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The Witzenmann Group

The Witzenmann Group is the world's leading expert for safe and efficient transmission of media and energy for mobility and industry. Its headquarters are in Pforzheim. With a total of 22 companies in 17 countries worldwide, the family-owned company employs around 4,400 people. In 2021, sales of €620 million were achieved.

In line with the company motto "managing flexibility", Witzenmann, as an experienced development partner with the world's widest product range of metal hoses, expansion joints, metal bellows, pipe supports and vehicle parts, offers its customers from a wide variety of industries intelligent product solutions and services.