



THE NEW ARIANE 64 WITH 4 P120C BOOSTERS SUCCESSFULLY LAUNCHES AMAZON LEO SATELLITES

Colleferro (Rome), 12 February 2025 - The European launcher Ariane 6 successfully completed its flight from French Guiana, placing 32 satellites into orbit.

For the first time, the rocket used four P120C solid-propellant boosters, developed by Europropulsion – a joint venture between Avio and ArianeGroup – which operated flawlessly for about 134 seconds.

The four-booster configuration allows Ariane 6 to double its performance compared to the two-booster version, marking an important step forward for the European space program. A more powerful version of the P160C boosters has been successfully qualified and will be used for the upcoming missions.

Avio also contributes to the launcher with the production of the liquid oxygen turbopump for the Vulcain 2.1 engine, which powers the main stage of Ariane 6.

Avio is a leading international group engaged in the manufacturing and development of space launchers and solid, liquid and cryogenic propulsion systems. The experience and know-how built up over more than 50 years puts Avio at the cutting-edge of the space launcher sector and defense program. Avio is present in Italy, France, United States and French Guiana, employing more than 1,500 highly qualified personnel. Avio is the prime contractor for the Vega program and a sub-contractor for the Ariane program, as well as a leading solid rocket motor subcontractor for the design and manufacturing of major European tactical missile programs.

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