



SUCCESS FOR ARIANE 6 MAIDEN FLIGHT

Colleferro (Rome), July 9 2024 – The Ariane 6 launcher has successfully completed its maiden flight from the French Guiana Space Centre, placing into orbit multiple payloads.

Avio is partner of the Ariane 6 program providing the solid rocket boosters P120C and the liquid oxygen turbopumps for the core stage Vulcain 2.1 engine and the upper stage Vinci engine. The P120C motors had an optimal performance. Avio will continue to provide those boosters, which will be used in a two or four boosters configuration, depending on the payload to be transported in orbit.

Avio is already working on a more powerful version of the booster, called P160, which will increase the thrust of the launcher and its payload capacity, to accomplish the missions for the Amazon Kuiper satellite constellation among the other things. The P160 will be the world largest carbon fiber monolithic motor and will also be used on Vega C.

Giulio Ranzo, CEO of Avio commented: “We congratulate with ESA and ArianeGroup for the successful maiden flight of Ariane 6. We are proud to be part of this program, which will continue to ensure a European independent access to space along with our Vega C”.

For further information

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Avio is a leading international group engaged in the construction and development of space launchers and solid, liquid and cryogenic propulsion systems. The experience and knowhow built up over more than 50 years puts Avio at the cutting edge of the space launcher sector and defence program. Avio operates in Italy, France and France Guyana with 5 facilities, employing approx. 1,300 highly qualified personnel, of which approx. 30% involved in research and development. Avio is a prime contractor for the Vega programme and a sub-contractor for the Ariane programme, both financed by the European Space Agency (ESA) placing Italy among the limited number of countries capable of producing a complete spacecraft