Mankind on the way to Mars and beyond

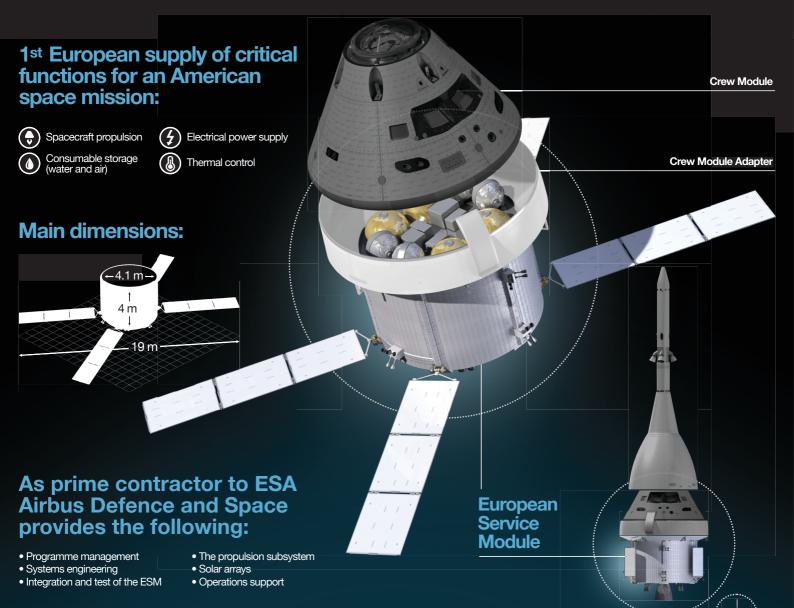
Orion European Service Module

For the first time, NASA will use a European built system as a critical element to power an American spacecraft.

The Orion programme



NASA is developing the capabilities needed to send humans to an asteroid and Mars.



The Airbus Defence and Space experience

The Orion European Service Module is testimony to the excellent technologies and expertise of the Airbus Defence and Space team demonstrated by designing and building the highly successful **Automated Transfer Vehicle, the largest supplies carrier to the International Space Station**, that will serve as the design base.

Airbus Defence and Space built up a significant heritage in human spaceflight with ESA/NASA, coming from projects like the Columbus laboratory and International Space Station operations.

NASA's space

launch system