



# ORION



FULL  
STACK  
HEIGHT  
**67 ft**

CREW  
MODULE /  
SERVICE  
MODULE  
HEIGHT  
**26 ft**

## NASA's Orion spacecraft is built to take humans farther than they've ever gone before.

Orion will serve as the exploration vehicle that will carry the crew to space, provide emergency abort capability, sustain the crew during the space travel, and provide safe re-entry from deep space return velocities. Orion will launch on NASA's new heavy-lift rocket, the Space Launch System.

---

NUMBER OF CREW ..... **4**

MISSION DURATION ..... **21 DAYS**

---

	ARTEMIS I	ARTEMIS II
GROSS LIFTOFF MASS	<b>72,000 lbs</b>	<b>78,000 lbs</b>
TRANS-LUNAR INSERTION MASS	<b>53,000 lbs</b>	<b>58,500 lbs</b>
POST TRANS-LUNAR INSERTION MASS	<b>51,500 lbs</b>	<b>57,000 lbs</b>
USABLE PROPELLANT	<b>16,000 lbs</b>	<b>19,000 lbs</b>

