

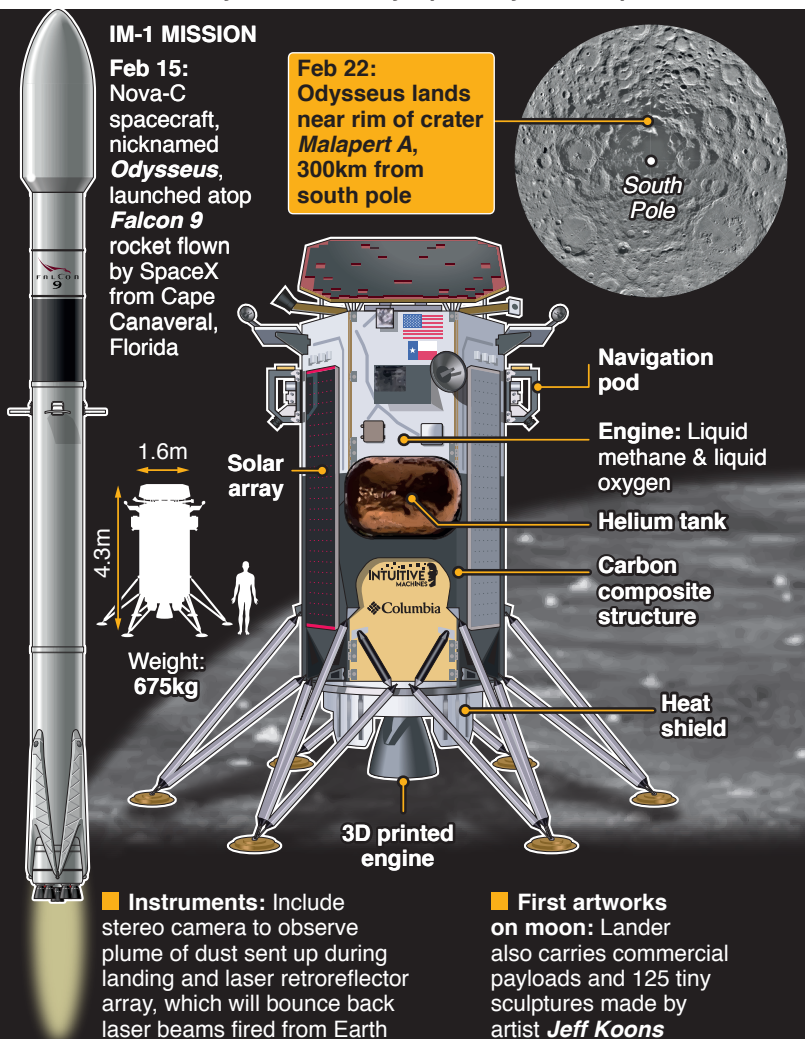
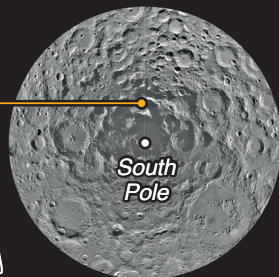
U.S. company makes historic moon landing

A moon lander built by aerospace company Intuitive Machines of Houston has made the first U.S. lunar touchdown in more than a half century and the first by a privately owned spacecraft

IM-1 MISSION

Feb 15: Nova-C spacecraft, nicknamed ***Odysseus***, launched atop ***Falcon 9*** rocket flown by SpaceX from Cape Canaveral, Florida

Feb 22: ***Odysseus*** lands near rim of crater ***Malapert A***, 300km from south pole



Weight:
675kg

Solar array

Navigation pod

Engine: Liquid methane & liquid oxygen

Helium tank

Carbon composite structure

Heat shield

3D printed engine

■ **Instruments:** Include stereo camera to observe plume of dust sent up during landing and laser retroreflector array, which will bounce back laser beams fired from Earth

■ **First artworks on moon:** Lander also carries commercial payloads and 125 tiny sculptures made by artist ***Jeff Koons***