here's some of the stories trending this week at NASA NASA invited social media members November eighteenth and nineteenth to the agency's Armstrong Flight Research Center for a two-day event highlighting the waste NASA is with you when you fly the NASA social gave participants an exclusive look at the latest tools and technologies being developed to improve the efficiency safety and adaptability of air transportation the next crew bound for the International Space Station continued final training in Kazakhstan
in preparation for November 23rd Eastern Standard Time launched aboard a soyuz spacecraft nasa's terry virts and crewmates anton shkaplerov of the russian federal space agency and samantha crystal ferretti of the european space agency are scheduled for a five and a half month mission on board the ISS meanwhile space station commander Barry Wilmore of NASA worked on november seventeenth to install and calibrate the first 3d printer in space the device is part of the 3d printing and zero-g technology demonstration to
investigate establishing an on-demand machine shop in space to enable astronauts on long-duration missions to manufacture their own spare parts and hardware engineers at Langley Research Center recently tested a robotic contact and restraint system that could be used to capture a boulder off an asteroid one of two options being considered by NASA for its asteroid redirect mission which will move an asteroid mass to a stable orbit around the moon for study by astronauts in the 2020s the demonstration used air bearing devices
enabling the hardware to hover above the flat floor to simulate microgravity.

November nineteenth media day at Johnson Space Center about NASA's journey to Mars provided details on the Orion spacecraft and its flight tests in early December. The asteroid redirect mission was one of several planned at NASA centers around the country in support of the agency's journey to Mars activities. A huge robotic arm capable of transforming epoxy and carbon fibers into aerospace structures and parts was
recently delivered to Langley Research Center the robot called Isaac or Isaac will then be part of a NASA effort to design build a large composite shell suitable for the second stage of the agency's new Space Launch System rocket and that's what's up this week @nasa for more on these and other stories follow us on social media
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