

Three astronauts set for ISS blast-off

September 12 2017, by Kirill Kudryavtsev



Alexander Misurkin, Mark Vande Hei and Joe Acaba trained together

Two US astronauts and a Russian cosmonaut were set to blast off for the International Space Station Tuesday in a late-night launch from the Baikonur cosmodrome in Kazakhstan.

Alexander Misurkin of the Russian space agency, NASA first-time flyer Mark Vande Hei and veteran colleague Joe Acaba prepared to set off for a mission of more than five months aboard the ISS at 2117 GMT.

The Soyuz spacecraft is expected to dock at around 0300 GMT on Wednesday.

As NASA beefs up its crew in space, the launch will mark the first occasion two US astronauts have blasted off together on a mission to the ISS from Russia's Baikonur since June 2010.

The American space agency stopped its own manned launches to the ISS in 2011 but recently moved to increase its crew complement aboard the orbital lab as the Russians cut theirs in a cost-saving measure announced last year.

Acaba, 50, has spent nearly 138 days in [space](#) over two missions. Rookie Vande Hei, 50, served with the US army in Iraq prior to training as an astronaut. Misurkin, 39, who is beginning his second [mission](#) aboard the ISS, also has a military background.

Speaking at the pre-launch news conference on Monday, Acaba, who is of Puerto Rican heritage, said he would be taking some "musica Latina" on board to lift his crewmates' spirits.



The trio will spend more than five months in space

"I can guarantee my crewmates they will not fall asleep during that music and if you want to dance at about 3 am tuned into our Soyuz capsule I think you'll enjoy it," he told journalists.

'Praying for people'

The launch has been overshadowed by deadly storms that have battered the Caribbean and the southern half of the United States.

External cameras on the ISS captured footage of hurricane Irma last week brewing over the Atlantic as it prepared to wreak deadly havoc.

NASA's Johnson Space Center in Houston said earlier this month it

suffered "significant" damage during Hurricane Harvey, although Mission Control remained operational.



A Soyuz spacecraft is mounted on the launch pad at the Russian-leased Baikonur cosmodrome in Kazakhstan on September 10, 2017

Vande Hei struck a sombre note in his pre-launch tweet on Monday.

"L-2 days. Sunrise over Baikonur, Kazakhstan. Praying for the people of Florida as well as the continued recovery of the Texas Gulf Coast," he said.

Space is one of the few areas of international cooperation between Russia and the US that has not been wrecked by tensions over the conflicts in Ukraine and Syria.

The ISS orbits the Earth at a height of about 250 miles (400 kilometres), circling the planet every 90 minutes at a speed of about 17,500 miles (28,000 kilometres) per hour.

© 2017 AFP

Citation: Three astronauts set for ISS blast-off (2017, September 12) retrieved 12 May 2024 from <https://phys.org/news/2017-09-astronauts-iss-blast-off.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.