

NASA astronauts Josh Cassada and Frank Rubio completed the first in a series of three spacewalks to continue upgrading the power supply for the International Space Station.

Spacewalking astronauts ventured out Sunday to install support frames for new, high-efficiency solar panels arriving at the International Space Station later this year.

The extravehicular activity on Tuesday was about assembling a mounting bracket on the starboard on the side of the ISS's truss against the backdrop of the views of Earth. The mounting ...

NASA astronauts Woody Hoburg and Steve Bowen ventured back outside the International Space Station Thursday for their second spacewalk in six days to install and deploy ...

NASA astronaut Nicole Mann works to bolt together a mounting bracket for a new roll-out solar array while standing atop an articulated portable foot restraint (APFR) during a spacewalk ...

One Solar Alpha Rotary Joint (SARJ) is located between the P3 and P4 truss segments and the other is located between the S3 and S4 truss segments. When in operation, these joints continuously rotate ...

NASA astronauts Anne McClain and Nichole Ayers began a spacewalk at approximately 9:05 a.m. EDT to install a mounting bracket to prepare for the future installation of an additional set of ...

OverviewTruss subsystemsTruss componentsTruss assembly sequenceSee also International Space Station on November 5, 2007 after relocation of the P6 truss assembly (far right) by STS-120 o The space station, showing the completed truss assembly (as of March 2009) The International Space Station's main source of energy is from the four large U.S.-m...

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NASA's Kate Rubins and Victor Glover put the first set of mounting brackets and struts together, then bolted them into place next to the station's oldest and...

NASA astronauts Anne McClain and Nichole Ayers will relocate a space station communications antennae and install a mounting bracket ahead of the installation of an additional set ...

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