The mission:

Space shuttle Atlantis' six crew members will deliver the Russian-built Mini-Research Module-1, or MRM-1, and an integrated cargo carrier to the International Space Station.

During the 12-day flight, the STS-132 mission specialists will perform three spacewalks to attach the MRM-1 to the Earth-facing port of the Zarya control module. The MRM-1 will be used for cargo storage and will provide an additional docking port to the station.

The cargo carrier will be used to support the transfer of exterior cargo from the shuttle to the space station.

STS-132 is Atlantis' 32nd flight, the 132nd shuttle mission and the 34th shuttle flight to the space station. This also is the 150th launch from Launch Complex 39. This includes 132 shuttle launches, 17 Saturn launches and one Ares I-X flight test.

The crew:

Commander Ken Ham will lead the six-member crew on his second spaceflight. Tony Antonelli will serve as pilot on his second spaceflight. Mission specialists are Michael Good, Garrett Reisman, Piers Sellers and Steve Bowen.