

Cloth pieces on shuttle may need repair

August 1 2005

NASA experts disagree on whether loose "gap fillers," pieces of cloth protruding from space shuttle Discovery's orbiter, could be dangerous during re-entry.

A spacewalk might be necessary to determine whether the fillers could cause uneven heating when Discovery re-enters the earth's atmosphere -- and to try to ascertain the hazard level that might pose to the crew, the New York Times reported.

Discovery flight director Paul Hill said while a spacewalk is unlikely, it might be the only way to rid the craft of the cloth. Gap fillers are used to allow the shuttle to give and bend due to exposure to extreme temperatures.

Some experts are more concerned than others, Hill said during a press conference Sunday. He said the requisite data would not be available until Monday.

If a spacewalk were needed to fix the problem, it could happen on Wednesday, as astronauts will be out adding an equipment cabinet to the airlock system.

Copyright 2005 by United Press International

Citation: Cloth pieces on shuttle may need repair (2005, August 1) retrieved 21 May 2024 from



https://phys.org/news/2005-08-pieces-shuttle.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.