

National Aeronautics and Space Administration

Kennedy Space Center
Kennedy Space Center, FL 32899



May 3, 2012

Reply to Attn of: **MEMORANDUM FOR RECORD**

SUBJECT: Ground Safety Data Packages for ISS Plate Assemblies

SCENARIO:

Do the ISS Plate Assemblies (SAPA, MAPA, LAPA, LWAPA, CEPA) require safety data packages during preparation for integration?

BACKGROUND:

These pieces of flight hardware reside here at KSC. In preparation of any given mission, these assemblies need to be configured. Although the engineering for them resides outside of KSC (thus making them under the jurisdiction of the GSRP), all work is done by KSC using KSC people, parts and processes. Given this level of control by KSC, the need for a unique Ground Safety Data Package to address hazards is eliminated.

CONCLUSION

For the SAPA, MAPA, LAPA, LWAPA and CEPA, additional ground safety documentation is not required under certain conditions. Those conditions are preparation of these items prior to use for integration (FSE and ORU mounting on the Adapter Plate Assemblies) for flight, when all of the following statements are true:

1. The GSRP has approved the required safety documentation when these items were used previously, and no changes impact the previous approval. (NOTE: Confirmation of this approval is the responsibility of the KSC Team.)
2. The operations are performed by KSC personnel.
3. KSC procedures and GSE (including the attachment hardware for lifting) are used.
4. The operation is not considered a fitcheck.

If payload-provided personnel, procedures or GSE are used for preparation of these items, the Payload Organization (PO) must provide the normally required ground safety documentation to the GSRP. The PO must also provide the normally required ground safety documentation to the GSRP which covers the beginning of integration for flight through the remainder of the operations at KSC.

APPLICABILITY

This Memo is only applicable to operations under the jurisdiction of the ISS Ground Safety Review Panel.

A handwritten signature in blue ink, appearing to read "Paul D. Kirkpatrick". The signature is fluid and cursive, with the first name "Paul" being the most prominent.

Paul D. Kirkpatrick
Chairman, ISS Ground Safety Review Panel