

MSG 047 - FD06 MMT SUMMARY

1 The FD06 MMT met to discuss mission progress. Most of today's discussion centered on
2 the maneuver options that could be invoked if a predicted conjunction on Flight Day 8
3 requires an avoidance maneuver. Based on preliminary information, it is highly unlikely that
4 this conjunction will require an avoidance maneuver; however, the team is prepared to
5 execute a posigrade reboost maneuver after EVA-2 if it is required. The team also reviewed
6 the EVA glove imagery and concluded both sets of gloves are acceptable for use on
7 subsequent EVAs. Congratulations on a very successful EVA-1!

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9 **Thermal Protection System** - The Damage Assessment Team provided their final
10 summary to the team and declared that the TPS is acceptable for entry. There is some
11 minor tile damage in the vicinity of the Boundary Layer Transition DTO protuberance tile, but
12 a thorough investigation has determined that there will not be any adverse interaction
13 between the damaged tile and the DTO. A comprehensive analysis also shows that a
14 protruding FRSI plug on the starboard OMS pod is not a concern.

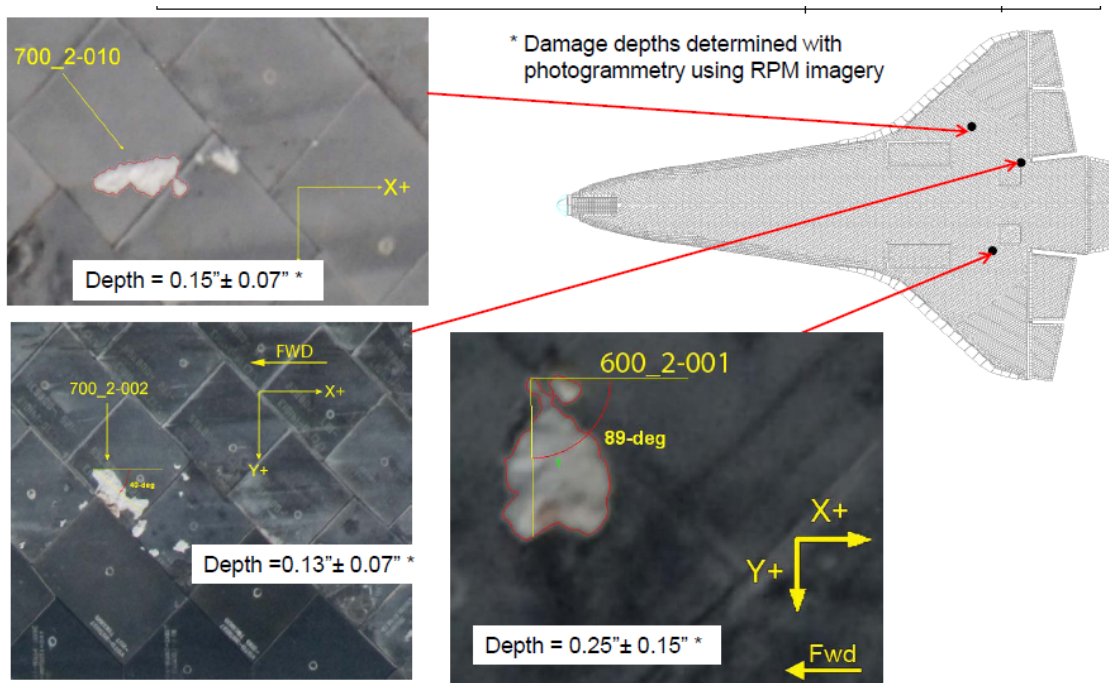


Figure 1. Lower surface damage sites

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Figure 2. Protruding FRSI plug

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