

STS-113 LAUNCH DAY VIDEO REVIEW
KSC Photo/Video Analysis Team
23 November 2002

Significant Anomalies

None

Minor Anomalies

None.

Funnies

None.

Observations

Numerous pieces of ice from the ET/ORB umbilical shook loose, but no damage was detected. (OTV 009, 054, 063).

Free burning hydrogen blown past the vertical stabilizer and outboard of SSME #3. (OTV 054, 060, 070, 071, TV-4, TV-7, TV-21).

LH2 and LO2 T-0 umbilical disconnect was normal. (OTV 049, 050).

Frost was visible around -Y ET GOX vent louver. (OTV 061).

Numerous pieces of aft skirt instafoam ejected out of the SRB plume during ascent (TV-4, TV-5, TV-13).

GH2 vent line retraction and latch appeared nominal (OTV 060).

ET aft dome charring was visible. (TV 13)

Frost on LO2 tank visible. (OTV 061, 071, TV-4, TV-7)

Several pieces of SRB throat plug material ejected from SRB exhaust hole after T-0. (TV-4)

Notes

A total of 19 videos were made available for review.

Review of long range tracking films is scheduled to begin Monday, November 25, 2002.

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