

STS-111 LAUNCH DAY VIDEO REVIEW
KSC Photo/Video Analysis Team
5 June 2002

Significant Anomalies

None

Minor Anomalies

None.

Funnies

None.

Observations

Shortly after T-0, particle rises and contacts the instafoam on lower stiffener ring of LH SRB. No damage to SRB was noted (OTV 061). Origin of particle was not able to be determined from the videos.

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

Free burning hydrogen blown under body flap by the wind. (OTV 009, 063).

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

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

Several pieces of aft skirt instafoam ejected out of the SRB plume during ascent (TV 4).

Localized flow condensation at various points on the vehicle (TV 4, TV 13).

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

ET aft dome charring was visible. (TV 13)

Notes

A total of 19 videos were made available for review.

Review of long range tracking films is scheduled to begin Thursday, June 6 2002.

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