BSTRA Meeting 1/6 - 12:00

(FRR Charts)

(KSC did not have copy of charts) - based on 12/20 PRCB charts

MPTA - dent, will eddy current

Never did find gual lines

ET uses Inconel balls

- Flight Rationale
  - Assume we have cracks
  - Fly as-is
  - Reasons for additional testing, details
  - Analysis shows LHb okay (different environment)
  - Particle impact studies in-work (SSME)
  - FOD analysis

ITEM 13

- Concerns
  - Can we quantify FOD risk?

- Tool to rotate ball
  - Demo today at JSC
  - Tool may be coming to KSC this week

- Thermal models in-work; looks good so far

1/6 5:00 BSTRA Mtg

- Flight rationale based on:
  - cracks must be "self-limiting"
  - no FOD

- Testing
  - having difficulty cracking balls
  - at 70/75 cycles
  - cracks have already arrested
  - need 120 cycles
  - $2a + 90 \cong 140$ cycles

- Testing still in work to address FOD issue
  - with less severe crack initiation, no FOD (in testing so far)

- Tool
  - Looks like we will be using tool