

Oliu-1, Armando

From: Oliu-1, Armando
Sent: Wednesday, January 22, 2003 9:03 AM
To: Spaulding-1, Jeff
Cc: Leinbach-1, Mike
Subject: STS-107 Post-Test Items

Jeff,

I realize you have not asked for these yet, but I will be on Annual Leave a portion the next couple of weeks and did not want to forget.

I strongly believe there needs to be a formal action issued to Johnson Controls in regards to the problems encountered with several of the high speed film cameras. This past mission has shown how important one film item can be. The best chance we had to determine the extent of damage to the LH wing of the Orbiter due to the debris that comes off the ET at 81 seconds was film item E-208. Unfortunatley, that camera was obviously set-up incorrectly and the film was way out of focus and completely unusable. To compound the problem, the best camera that is used, E-207 from N. Playalinda, was also completely unusable due to poor focus.

For the past year, or so, I have had Robbie Robinson, of Johnson Controls, attend the film review with us. This has helped him understand what we expect from the film data. Although we have certainly have had improvement in the overall quality, I think there are still problems. An emphasis on the importance of this from the Launch Team Management will certainly aid in the effort to improve the films data.

Thanks,
Armando Oliu
NASA Ice/Debris Team
1-3644