

I had actually found one of my old Challenger photo albums and began to post some photos on this thread, e.g., the fire below and through the right wing at lift-off. The process was interrupted. Dr. Hansen and others' remarks led me to spend more time than I would have liked on "joint rotation" and "dynamic overshoot" – vital technical subjects. I am amazed that McDonald has not yet grasped the enormity of the dynamic overshoot error, especially, in the SRBs. His technical paper, "*Fixing the Field Joint That Failed on the Challenger*," (J. Propulsion, March-April 1991, p. 132), shows identical pressure-time and thrust-time curves – with no transient overshoot for the thrust curve! The 3-sigma dotted lines in his curves have nothing to do with transient responses. On the same page, the "minimum reusability design objectives" for the Redesigned SRM are given at "19 reuses." Soon after McDonald's paper in the learned journal, booster segments on Atlantis failed – badly – after 1 (one) use. I urge Hansen to read my shuttlefactor report.

Back to the photos. In response to the posted photos, fragmeister writes,

I must admit that enhancing photos can yield evidence unseen at first, but it can also mislead.

The photos I posted so far, including NASA's photos of the supposed Crew Cabin (CC), are simply close-ups. I don't call these "photo enhancements;" I call them, "photographic evidence."

I also developed close-ups of NASA's CC and could easily identify it as the Lower Forward Fuselage. It would be foolhardy to assert that the fire in my photos is not fire because it didn't show up in other photo studies. They just didn't look for it. I did. I also captured convincing evidence of the raging fire from other NASA cameras.

Mark, spacecraft film, writes,

Without a control, the visuals you present are not persuasive.

Goodness. What kind of controls is Mark talking about? If we insist on "controls" and HD quality enhancements in every picture, law enforcement agencies will be paralyzed. Have you seen the thousands of poor-quality CCTV footage that led to the arrest of many criminals within hours after the crimes? As I said above, the photos posted so far (NASA's and mine) are close-ups. If there should be any control studies, it should apply to NASA's Crew Cabin pictures. But even there, the evidence is clear – Just look at the pictures in my Post #105. Does anyone see any resemblance between that piece and the Crew Cabin?

Ali