

AbuTaha (#103)

To corroborate the extensive material in Mr. Tim Furniss' Challenger Chapter, Tim needed a Test Pilot and a Senior Aerospace Engineer, and he got both of them in one, Mr. Scott Todd. Todd seems to think that he mopped the floor with Tim – not so fast Scott.

A test pilot, Todd must be familiar with IMPRP, or IPRT. What? IMPRP, "Integrated High Payoff Rocket Technology Propulsion Program," a three 5-year phases program by the Air Force/NASA/Industry to DOUBLE thrust (I don't know how to overemphasize "double." Maybe I should use color). And how on earth can anyone double the thrust of engines, turbines, motors and other pressure-activated systems? Didn't NASA, Lockheed Martin (now) and everyone under the sun ridicule me in writing and proved me wrong with lengthy engineering analyses by top notch teams (in Colorado, Alabama, Washington DC, etc.) for proposing to "cheat" nature in the early 1990's? Read Tim's chapter.

Some details were revealed in the proceedings of the Moon to Mars Commission, headed by Secretary Pete Aldridge. This is not history; you saw it on television a couple years ago. Get the transcript of the hearings and read about it.

How do you double thrust? I had shown that the nearly doubled loads of the dynamic overshoot hit the Shuttle hard on every mission. Wow! Can the effect be turned into use? Tim wrote about this in Flight, "Pulsing engines could boost Shuttle loads," September 1992. As Tim reported, I intended to "clamp" and "rectify" FORCE pulses to double the thrust, just as has been done with the "voltage doublers" in electronics many years ago. Anyone who took an introductory electronics course should know about "clamping" and "rectifying" a signal.

Wright-Patterson (WP) told MtM that "The first phase we have demonstrated significant improvement in specific impulse, thrust capability and not only solid rocket motors," writes Tim in his chapter. Did Todd read that, and more, in Tim's chapter?

Furniss excerpts from a letter I sent to the Honorable Pete Aldridge during the MtM proceedings as follows, "I am the first and sole inventor of the propulsion process, which I called in the early 1990's "Pulsing Thrust." There are more than 1,000 communications on record with DOD, (Wright-Patterson, Edwards, Space Command, and others), NASA (HQ, JSC, MSFC, Lewis...), the Congress, academia and the aerospace industry and communities." Read my words very carefully, Mr. Todd, and read the words of the WP experts carefully, as found in Tim's chapter, "We have not gotten to TWO (my capitals) times yet but that is a lofty goal and challenging one." BTW, is the IMPRP, IPRT, or my pulsing thrust, in the "Logs" today?

The dynamic overshoot mathematics was difficult. Let me tell you the "Pulsing Thrust" was a mathematical symphony and ballet in one.

Has anyone on this thread read about, or seen on TV or in the sky mysterious trails, in the form of "puffs" – a clear signature of pulsing-thrust? Did you read about the incredible performance of mysterious crafts? Does Scott know about it? Had he flown any of these, or will he? Well, if you do, Scott, you will be operating my invention. Do it well.

I tried to get in on the first of the 5-year phases. I did that because I was the ground floor. The issue went up to Administrator Goldin and even to General Horner, as I recollect. The IG's at DOD, NASA, DOJ, USPTO, the FBI, GAO and other responsible offices should investigate the "Dynamic Overshoot" and "Pulsing Thrust" short history – only 20 years history. Who did what, where, when, how and why? Were laws broken? Was I kicked out of my own invention because some individuals (unknown to all of us) are above the law? And who owns my invention, that Tim reported on 15 years ago? Our Country is great, but it is not perfect. For goodness sake, Plato couldn't get a perfect state in words, and he settled for the Republic. This thread is beginning to show the true greatness of our Nation.

Todd thinks we don't know how to deal with numbers. He writes about the 1.1MP SSME's thrust; we know that. He then ridicules Tim (and me and everyone) writing, "**the SRB's light, which only provide an additional 6.6 MILLION pounds of thrust.**" This goes beyond arithmetic. Dwayne should add this to interesting items that he likes or wants to do. Each SRB produces 2.7MP, for two SRB's, that is 5.4MP (ask McDonald). Add 5.4 and 1.1, we get 6.5MP. But Todd is saying 6.6MP! Is this addition mistake, or is Scott telling us something bigger, far bigger than arithmetic? The WP expert told the MtM of "**significant improvement**" made with IMPRP (pulsing-thrust?) and "**not only solid rocket motors.**" Mr. Todd, are you saying that the SRBs' tested capabilities today is 6.6MP for two boosters, or 3.3MP per SRB; a 22% improvement? This beats the 18% improvement that was promised with the ASRMs and we never got it after great effort and expense.

We don't only like and respect test pilots, Scott; we honor them (including you) for their service and dedication. Scobee and Smith were more than test pilots; they earned their wings to fly an important Space Shuttle mission. Mr. Todd the gentleman owes Mr. Furniss an apology. I hope it shows up in this thread. And let me say, this whole affair came suddenly and unexpectedly on me. I'm doing my best to keep up, while doing other things. I read and reviewed Tim's chapter for accuracy. I don't agree with the cover-up, conspiracy and other angles, but he is a journalist and I wouldn't be presumptuous to tell a journalist how to dramatize his or her write-ups.

Lastly, I, myself, want to apologize to Mr. Rick Hauck for revealing the Abort/RTLS sequence in my post #102. My hand was forced, and I will say more about this later.

Ali