

The Vision

I have been encouraged lately (in various e-mails) to share with others how this **Thrust Architecture** concept was conceived and I would now like to share with you the mental birth of this Thrust Concept.

As an employee of National Aeronautics and Space Administration (NASA) a mindset of various rockets and satellites circling the earth was for me quite normal ; this is to say for me personally the vision of a space vehicle circling the earth is more over a normal every day mind set.

I imagined or had a vision of a rocket circling the earth where the earth morphed into a shaft and the single rocket increased to many rockets connected to a shaft via a visible data link line. This data link line eventually morphed into the “Moment Arm” of the final Thrust Architecture. The Moment Arm may be viewed as the spokes on a bicycle wheel. So as the rocket circled the earth the shaft (morphed earlier from the earth) would rotate connected to the rocket that circled the earth via a Moment Arm.

But this concept evaporated however while stationed for a year as a member of the Advanced Studies office at NASA Headquarters in Washington D.C I visited the NASA History Library and the office manager had a box of new and unused publications that was destined for removal or destroyed for a lack of storage space. **The NASA publication was “Liquid Hydrogen as a Propulsion Fuel”1945-1959 by John L Sloop NASA Sp 4404”**. I asked for and received all 24 copies and soon discovered that the engineers who developed these Hydrogen Engines were no longer locatable (There was no Internet at this time).

The year was 1979 and I spent the next two years buried in the details of this concept as time permitted. **The rockets in the original vision were replaced with the Hydrogen Engines as described in the above publication.**

Many nights I fell asleep on the floor awakened the following morning by the sunlight. There was a period when it was necessary for me to park my car on the side of a highway or street as more and more possibilities emerged and required writing at that time for risk of forgetting more and more details. There was no point in "going to bed" because my sleep would be interrupted every 15 minutes on some nights with new insights and possibilities such as engines that would burn a variety of fuels (Alcohol, future synthetic fuels, etc.) which in turn would add flexibility in terms of a variety of fuels used in the overall Thrust Architecture.

To the casual reader 33 years may appear to be a very long period of time which is very true, however this length of time is consistent with other projects. An examination of history indicates that the forerunner of the B-2 Bomber (The Flying Wing) was first conceived around 1929 and made its first flight 60 years later in 1989. In addition the International Space Station required over 50 years from conception to reality.

Without the benefit of public exposure (with the exception of this website), this concept has spread at last count to 139 countries such as Russia second only to the United States.

Locations as remote as **Iceland** and **The British Indian Ocean Territory** visit this site frequently and this exposure has spread across these different countries verbally and across various language barriers.

“Unless God has raised you up for this very thing, you will be worn out by the opposition of men and devils. But if God be for you, who can be against you? Are all of them together stronger than God? O be not weary of well doing!”

(~ John Wesley)

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