

Re: Payback – Spacemining Style

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- *From:* American <samuelransom@xxxxxxxxxxxxx>
 - *Date:* Tue, 13 Nov 2007 07:50:49 –0800
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On Nov 12, 6:54 pm, John Schilling <schil...@xxxxxxxxxxxxx> wrote:

On Sun, 11 Nov 2007 13:06:10 –0800, American <samuelran...@xxxxxxxxxxxxx> wrote:

Enthusiasts are meant to believe that delays in earth-to-orbit technology are the result of lack of capital, or technology, or the inability to integrate systems into the bureaucracy of entrenched shuttle or space-station diplomacy. Such would be the case if unhealthy market conditions existed for lone entrepreneurs to prosper. Most of those "lone entrepreneurs" seem to be going the same way as Beal Aerospace did, with increasing red tape causing approval delays as well as expensive glitches causing flight delays and equipment malfunction.

[...]

We're supposed to read a 300-line post by someone who goes so far astray in the first paragraph?

I'm not aware of any of the current entrepreneurial space start-ups being substantially limited in what they can do with their real hardware by any excess of red tape, and using red tape as an excuse for not having real hardware is just whining.

So, for that matter, was Beal's "But the Eeeevil government is paying people who are Not Me to launch spacecraft for them – how dare they interfere with the market like that!".

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*John Schilling * "Anything worth doing, *
*Member:AIAA,NRA,ACLU,SAS,LP * is worth doing for money" *
*Chief Scientist & General Partner * –13th Rule of Acquisition *

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*White Elephant Research, LLC * "There is no substitute *
*schil...@xxxxxxxxxxxxxxx * for success" *
*661-718-0955 or 661-275-6795 * -58th Rule of Acquisition *

No, that is just the tip of the iceberg.

Just about everyone I know is fully aware that launch costs are prohibitive. Just take a look at the R&D space 'facility' made available to corporations, et. al, who do business with the federal government. They pay for a tiny place on a tiny rack in a tiny room for access to the gravity free environment of space:

http://server6.theimagehosting.com/image.php?img=ssff_2.gif

SEE, IT'S TOO SMALL!

A cheaper earth-to-orbit technology would probably limit General Dynamics in orbital construction by having to send to orbit modules for construction instead of completely intact devices, such as large propulsion drives and vessels, which require pieces to be pressure fitted and joined in space. NASA should re-examine the facilities in the current Space Station Furnace Facility core with the view of eliminating extraneous specializations. The core is too small to accomodate autoclaves that would be required in the casting of propulsion chambers and nozzles for larger cargo vessels.

Autoclaves were used in the curing of the now defunct Boeing X-33 LH2 tanks in late summer of 1999. Most of the testing for interplanetary propulsion systems such as structural loads testing and pressure testing with cryogenic fluids should have an ORBITAL facility dedicated to performing these tests.

As of December, 2001, the entire program has been scrapped because of lack of interest and much-needed funding by the U.S. Air Force, who considered the X-33 as more of a security threat than military support vehicle, to the detriment of Lockheed-Martin, as well as countless other scientists and engineers who have contributed to this project.

Maybe the security threat exists because of international moles, who would like to see the tech-

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nology for the shuttle transferred to their own ailing economies (lacking the free market enterprise competition so prevalent in western society), or maybe this is a pipe dream since international competition is what is needed to keep the U.S. economy from falling flat on its face! Whatever the reason, there must be an admission of doubt that moles deserve to rape the technology entrusted to scientists with years of experience in perfecting the science involved in a faster, cheaper RLV.

Yet scientists and engineers become merely greek statues if they lose sight of the newer industrial promise—markets meant to gain from the application of "faster, cheaper" into things like interplanetary mining, mapping satellites, orbital construction, and satellite communication.

Without going back to the drawing board, the experience gained from the test firing of the X-33 shuttle main engines will allow the success story to be told to future generations of those involved. A military version of Second Generation Reusable Launch Vehicle (2GRLV) WAS incorporating research gleaned from the X-33 into its newer prototype, under military observation, as it should.

Remember, the Soviets had an exact duplicate of the shuttle ready for a test flight, but it didn't fly!

Now many smaller entrepreneurs are too tied up with R&D costs on earth, let alone pay huge sums of money that will end up defeating the whole purpose of trying to keep ahead of costs, in order that there might a greater market share for the scientifically and engineering minded types, in order that whatever tidbits of R&D fall their way, could provide the impetus for continuing to refine an advanced product line of some sort.

That WAS the whole reason for developing a program for cheaper space access, but lately it would seem, that ANYONE with an attachment to NASA ends up getting screwed – lock, stock, and barrel – basically through extravagantly expensive launch costs. This becomes indicative that anyone who can "outspend" a prospective earth-to-orbit enthusiast simply gets "bought off" by someone else – particularly by large media networks or the military industrial complex.

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It is the great lobbying fiasco of the century that uses PACS who infiltrate and then mask the truly inexpensive technological helper industries with bottomless cans of worms. Believe me, they're REAL GOOD at it. That's why nobody likes Republicans or Democrats. They've perfected the art of masking the promise markets because the wealthy are pulling their purse strings. They can't afford to upgrade or revolutionize their own post-WWII industries so they are content to remain stagnant.

"Woe to you, teachers of the law and Pharisees, you hypocrites! You shut the kingdom of heaven in men's faces. You yourselves do not enter, nor will you let those enter who are trying to."

Same goes for every single lying Republican, Democrat, Communist, and non-Communist in Washington, D.C. They have sold out to the American people. They have betrayed the promise which we have entrusted to them in the form of revolutionary space technologies.

They are not now, nor ever will be, on the watch for the coming future of promise market technology. They will reap the evil seeds that they have sown.

End of story.

American

"I never would have agreed to the formulation of the Central Intelligence Agency back in forty-seven, if I had known it would become the American Gestapo."

~ Harry S Truman, 1961