

Make America Great Again with the Following Government Reforms

NASA

REFORM NASA and Make America Great Again! (Part 1)

Please see, "Make America Great Again by Reforming NASA" on www.theUSAparty.com website.

If you ask most people around the world what event signifies America's technology greatest, they will say it was when American Astronauts walked on the moon. According to 11 million votes casted on the website:

<http://www.isidewith.com/poll/1356068062>, 67% of Americans support funding the American Space Program (75% of Democrats and 62% of GOP). Unfortunately, politics has overtaken the space program and the same aerospace companies continue to win most of the government contracts and they realize that they can make more profits while making very little astronautical progress via government contracts versus investing in their own commercial ventures, as evident by the SLS (Space Launch System) vs the EELV (Evolved Expendable Launch Vehicle) programs.

In order to reduce the cost to go into space and return America to the greatest space faring nation, America must provide funding to GREATLY INCREASE THE FLIGHT RATE, which will greatly reduce the cost and to provide that funding to ANY American company that can delivered a payload. America currently has only 22 orbital lunches in 2016 out of the total of 85 launches globally.

The following programs should be funded above and beyond the current funding of NASA to increase the flight rate to 100's of launches per year. Please see <http://www.spacepropulsion.org/publications.html> "*Space Billets: How to Fund a Manned Lunar Missions with Current NASA Budget*".

Step 1: IDIQ (Infinite Delivery Infinite Quantity) contracts should be issued to ANY American company that removes orbital space debris at a value of \$1M per 2kg object. It is anticipated that as many as 250 missions per year for 6 years are needed to fully remove all large space debris from orbit. Total expected cost is \$1.5B. The goal of this step is just to increase the FLIGHT RATE, but it will also remove some space debris.

Step 2: IDIQ contracts should be issued at \$1,000 per pound or \$20M per 3 astronauts to deliver goods (such as LOX) to Low Earth Orbit for the next 10 years until sufficient supply is obtained to deliver 600 astronauts and guests per year to LEO as well as 20 astronauts to the lunar surface per year via 5 missions per year.

Step 3: IDIQ contracts should be issued for the next 10 years at \$20M per 9 man-weeks to allow astronauts and guests to stay in orbital facilities supplied per NASA requirements.

Step 4: IDIQ contracts should be issued for the next 10 years to deliver 20 astronauts per year to the lunar surface using the supplies delivered to orbit from Step 1.

Step 5: In order to commemorate the 50th anniversary of the Apollo 11 mission; \$2B in funding over the next 6 years is immediately needed to land 3 rovers on the lunar surface starting in 20JULY2019 as delineated in the Apollo11plus50.com website.

Step 6: NASA must make better use of its greatest political asset, NASA-TV. NASA should use whatever funding and assets available to make NASA-TV competitive with other science programs on commercial stations. NASA-TV should showcase the new approach to space flight as presented above, as well as the hundreds of new ideas presented each year at such conferences as AIAA-JPC.

REFORM NASA (Part 2)

NASA's is not spending the taxpayer's money prudently; for example, \$76M was spent to install two towers at NASA-MSFC ahead of schedule, although the towers are not currently needed and should have been installed at NASA-Stennis, if at all. NASA spending could be brought under control if the budget for each field center was exclusively a function of how much commercial funding they obtained. For example, if each \$1 of non-NASA funding NASA-KSC obtained via the use of their facilities or services, KSC would receive \$4 in federal funding. To reduce the amount of funding needed at KSC, JSC, & MSFC, the maintenance & utilities for their historic facilities should be turned over to the Department of the Interior. As a result, more NASA funding would be available for Aeronautics and Space research and activities!

I've spent over 30 years of my career working in the aerospace industry. I've seen a Space Shuttle that became obsolete because we couldn't upgrade it or build newer models. I've seen administrators terminate our only means of getting men into space (the Space Shuttle) without a replacement launch vehicle. And now I see a Space Program going nowhere, with no ideas, and no commitment. Planning to launch a vehicle that we spent \$40B to develop (the SLS) every other year is ludicrous and is only making the contractors richer. Please kill the SLS program and implement the two NASA Reforms delineated above.