

AMERICA AEROSPACE

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September 17, 2021

Mr. Steve L. Howard
Spaceport Camden Project Lead
P.O. Box 99
Woodbine, GA 31569

Dear Mr. Howard:

America Aerospace would like to express our interest as a potential business partner in the success and future of Camden Spaceport as necessary infrastructure for commercial aerospace. America Aerospace and the Camden Spaceport is an important contribution to providing opportunities for aerospace industry's highly skilled and high paying jobs as our company endeavors in the evolving commercial space exploration and mining industry.

Please see the attached America Aerospace Space Mining program executive summary.

America Aerospace plans to create 7,000 plus aerospace jobs for this effort over the next decade and beyond. A new commercial spaceport is the only way forward for expanding private aerospace industry growth, uninhibited by the crowded launch schedule at the Kennedy Space Center.

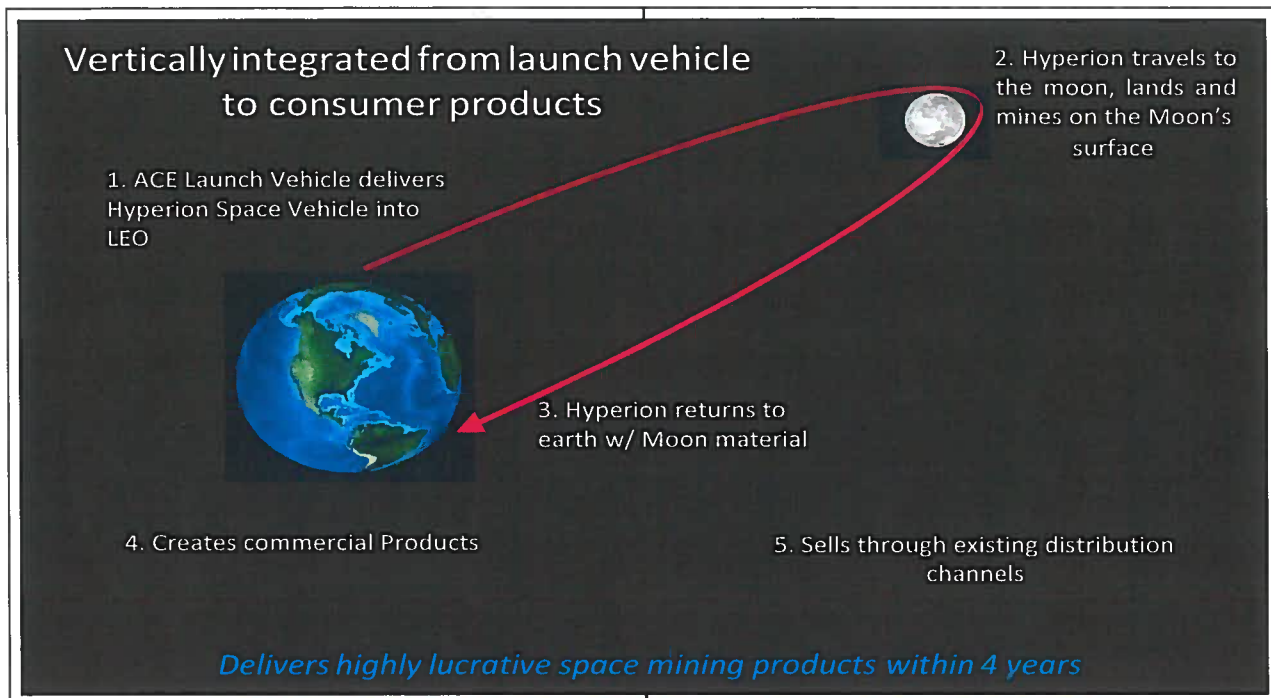
Thank you for your efforts in providing such critical infrastructure necessary to private companies such as ours with the Camden Spaceport. We look forward to working with the Camden Spaceport and your communities in the Coastal Region of Southeast Georgia.

Best regards,



Richard M. Davis
Chairman & CEO
AMERICA AEROSPACE, INC..

Executive Summary



America Aerospace's vision is to create a highly profitable space mining business that is vertically integrated from launch vehicle to consumer products. We plan to travel to the moon, land and mine moon materials and return them to earth. We will then take these and produce a commercial product. We plan to deliver highly lucrative space mined products within four (4) years after investment funding.

Two Problem s

The first problem is that due to the high cost of launching anything into Earth orbit, space mining is not economically feasible, it is a long shot from ever penciling out. Today's launch costs \$6K to \$100K per kg to low earth orbit (LEO). The market barrier price, the price that drives customers to start buying in a big way, is believed to be \$500 per kg . Its also the price that makes space mining feasible. In order to get to that kind of low cost requires technology breakthroughs. "Inflection point" kind of breakthroughs that put you on a new product life cycle curve.

The second problem is that in order to get your launch costs low, you have to get your production or launch rate way up. Up to high numbers (e.g. 40+/year). But the launch market is very political and very difficult to break in. Even if you give launches away, most of the customers are government and won't or can't buy instead favoring national launch vehicle providers.

So it's a chicken and egg problem and that coupled with no breakthrough technologies is why start ups and even well funded launch vehicle companies do not succeed. For the past 75 years not much has changed.

Solution

What makes the big business breakthroughs possible are the really big ideas that usually require strategic technology breakthroughs to make them feasible.

For Ford Motor Company, it was the idea of mass production, making millions of the same thing lowered the price by 400 times. However, it wasn't feasible until they could manufacture consistent, repeatable parts. It made a car that, before, was only for the very rich and after, affordable for the common man!

Space mining is an incredible business opportunity with a potential market worth Trillions of dollars if not Quadrillions but it is far and away out of reach. Launch costs are orders of magnitude too high. It will take lots of innovation, incredible strategic technology breakthroughs and like Ford, it requires technology breakthroughs and implementing some really big ideas.

America Aerospace has developed a suite of patent-pending strategic technologies that combine to reduce launch costs by 20X and reduce parts count by 90%. These move the space access cost paradigm onto an entirely new and significantly lower cost product life cycle that can achieve the market barrier price.

- Cryogenic propellant tank technology reduces tank structure mass by 75%
- Rocket engine combustion stability breakthrough provides a 70% nonrecurring cost savings and higher performance.
- Non-helium pressurization system breakthrough that is low weight saves 67% of pressurization mass.
- Optimized design approach eliminates turbopumps results in a 10 times reduction in cost while increasing system reliability by 10 times.

A decade of research and development from \$20M in combined America Aerospace investments have successfully matured these transformational technologies including full-scale prototype hardware demonstration and testing.

America Aerospace is currently in the early development of the ACE- Hyperion space mining system. The ACE launch vehicle is designed to deliver the Hyperion space vehicle to Earth orbit. Hyperion then travels to the Moon (or asteroid), lands on its surface, mines lunar (or asteroid) material, and returns the material to Earth. In the initial missions the targeted material will be processed into commercial products and sold through existing distribution channels. In later missions additional cost savings will allow commodity materials to be mined and profitably sold on the commodity market.

The initial ACE-Medium launch vehicle provides a launch cost to LEO of ~\$1,500/kg at low launch rate. This cost threshold is sufficient for the resulting commercial products from the initial missions to be highly profitable.

When scaled to larger sizes, the ACE-Heavy launch vehicle can achieve a launch cost to LEO of less than \$300/kg, well below the market barrier price. At this cost point, space mining of high value resources becomes very profitable at commodity prices.

The medium scale ACE-Hyperion space mining system and commercial products provide a highly lucrative business within four years. The follow-on heavy-scale version accelerates economic feasibility of large scale space mining and provides a 20-30 year advantage over competitors.

Strategy

We will solve the launch vehicle chicken and egg problem by becoming our own launch customer and taking our moon-mined material and creating commercial products that are sold through retail markets. Like Ford, these two big ideas combined with our strategic technology breakthroughs enable our business plan providing a clear path to success.

America Aerospace’s commercial product from space mined materials is highly proprietary and will not be discussed in this document. Please see America Aerospace-Space and Space Mined Products business plans for details.

Projected Revenue/Profitability

The America Aerospace-Space Revenue and Earnings Medium Case forecast is shown in Figure E1. The first 48-months are consumed in developing the ACE-Hyperion launch and space vehicle, commercial products, fabrication processes, marketing campaigns, interactive media, mobile apps, social networking site, software and signing up consortium members and existing distribution channels. The sales forecast starts at product launch, once the the first Hyperion moon mission has returned and products are being manufactured. The first marketing campaign starts within the first year of investment funding. America Aerospace-Space revenue and earnings chart is shown in the figure indicating strong revenue and earnings margin growth achieving over

\$4.2B in revenue and nearly \$2.41B in earnings. The America Aerospace commercial business achieves revenue and earnings shown in Figure E2; with revenue of \$16.3 B with earnings of \$8.98B (see the America Aerospace Commercial Space Products business plan).

Investment

America Aerospace is developing a vertically integrated space mining business that will produce lucrative results within four years from initial funding. The work is separated into two companies: America Aerospace-Space and “America Aerospace Space-Mined Products” (official name redacted and generalized), both are planned as wholly owned subsidiaries of America Aerospace.

America Aerospace-Space will develop the space launch and operations and deliver to America Aerospace Space-Mined Products, the materials from the moon. America Aerospace Space-Mined Products will develop commercial products from the moon-mined material and sell them through existing distribution channels.

We are seeking investment capital of \$208 Million for America Aerospace Commercial Space Products and \$262 Million for America Aerospace-Space (see America Aerospace Commercial Space Products Business Plan for details) for a total of \$470 Million for the combined America Aerospace subsidiaries.

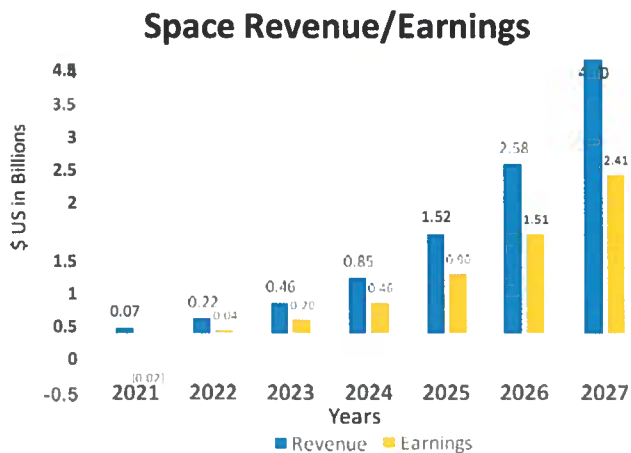


Figure E1 – America Aerospace-Space revenue & earnings

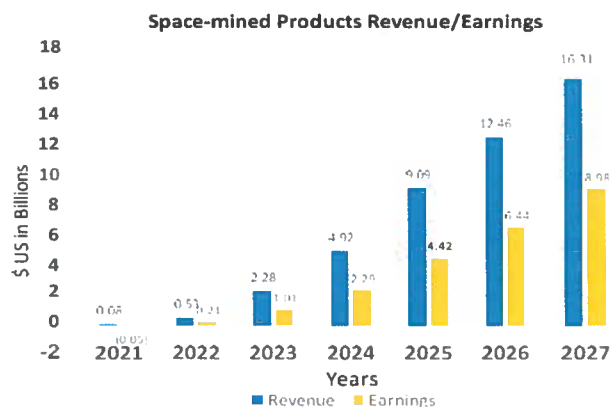
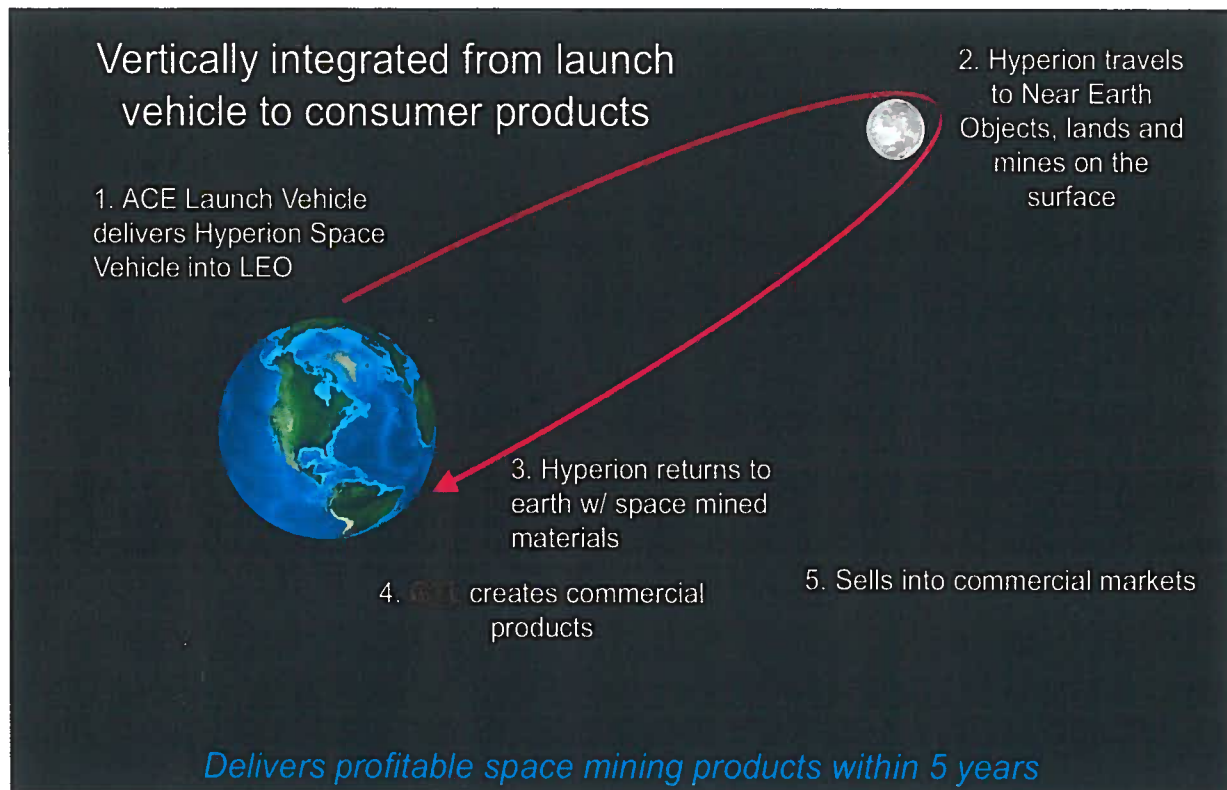


Figure E2 – America Aerospace Space -Mined commercial products

America Aerospace Space Investment Opportunity



- Potential **400X** return on investment (232% CAGR) within six years!
- Solid business model selling in **large existing commercial market** of **>\$380B**
- **Vertically integrated** business from **launch vehicle to consumer products!**
- Medium BIZ case achieves **>\$700M** revenue in 5 yrs; **\$21B** in 10 (>40% EBITDA)
- **\$20 Million** invested to date resulting in significant technology breakthroughs
- Over **\$2M** annual revenue from Dept of Defense and NASA R&D contracts
- Potential “TBD Site” jobs **>500** within 5 years and **>7,000** in 10 years
- **>\$500M** potential economic impact in 5 years and **>\$7B** in 10 years
- Technology suite can achieve **20X** cost advantage
- Many patents pending provide strong barriers to entry
- Unique Blockchain implementation for space products
- Accelerated potential growth into future multi **\$Trillion Space Mining** business
- Strong growth potential into emerging **resilient space defense market**
- Creates strong legacy investment into the future