# Business Plan – Tasha 9503 www.LivinglnSpace.ca

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#### **Mission Statement**

- Tasha9503 is in business to put massive numbers of people in space at a low cost, for an experience of a life time.
- Tasha9503 is in business to produce Infrastructure in LEO that can be used to collect Space Junk, cleaning up our fly zone.
- Tasha9503 is in business to build transportation vehicles to take 12 person crews beyond the moon.
- Tasha9503is in business to produce a low cost method of putting hard-ware (Satellites) in orbit. Tasha9503 is designing HotelsInSpace that includes the first four Priorities in our Mission statement.

We are looking for three distinct markets. First, companies who want their Satellite payloads lifted for 1/3 the current price. Second, people and organizations who want to own the infrastructure we put in orbit. Third, for customers who want to rent time in the HotelsInSpace.

## First market lifting Satellites

We have competition in this section of our services. Several Government establishments are now offering Satellite Launching Services. We will be offering this launch service at 1/3 the cost.

## **Second Market Owning Infrastructure in LEO**

Tasha9503 is selling time and profit shares to anyone who wants to own (infrastructure) HotelsInSpace we put in orbit. There are a few organizations which are planning to offer hotel service in space. Tasha9503 is designing a Heavy Lift Vehicle (HLV) to lift their payloads into LEO for a price.

#### **Third Market Rent**

We will be looking for customers who want to rent time in HotelsInSpace.

# Form of Ownership

Tasha9503 started out as a sole proprietary company but began to sell off ownership of the company in 2010. Trevor will be retaining 15% ownership of Tasha9503, the remainder 85% will be sold to create an income to cover the remainder of the cost to start producing the newly designed HLV.

# **Company History**

In 1988 the dream of LivingInSpace.ca was put to the challenge. Why can we not mine, smelt and manufacture reproductions at the Asteroid Belt. Between 1988 and 2005, the technology to allow HotelsInSpace was developed and perfected by the space agencies around the world, the biology sciences around the world and the metallurgy sciences around the world. Tasha9503 watched the development of all the needed technologies until everything needed was developed. In 2005, after all the needed technology was developed, Trevor sat down and began redesigning the HLV to allow all four points of our mission statement to be fulfilled.

Our new design allows us to lift 6 satellites payloads per launch and a 200 passenger landing craft to also share the launch costs. After reaching LEO with our HLV, we can connect six used HLV together to produce one more HotelsInSpace. Each of these HotelsInSpace includes six robotic arms to be used to collect space junk as well as place the individual Satellite payloads into their respective orbits.

## Most important strengths and competencies

Tasha9503 has been collecting the sciences allowing the offer of multiple satellite payloads per launch, reducing price per launch. Tasha9503 will be the only launch service that lifts 200 people per launch at an affordable cost of \$100,000 US. Tasha9503 is designing HotelsInSpace that includes five levels of artificial gravity to remove the degradation of bones and muscles.

## Significant challenges the company faces now and in the near future.

Tasha9503 can not complete this project until we have spent \$3,500,000,000 US. To collect the funding we will be selling 85% of the Infrastructure we put in LEO. The funds are needed for:

- . Produce animations showing the world how we plan to accomplish our goals.
- Advertise.
- Buy the needed Technology.
- Complete the redesign of the HLV with the new technology.
- Shop for land to build on.
- Change the launch facility laws in the country where the land we find is.
- Buy the land.
- Build roads, factories, launch pad, Solar and wind farms.
- Pay heat hydro and water charges.
- Buy the raw materials to build the first HLV.
- Build and launch the first HLV.
- Build and launch five more HLV
- Connect 6 used HLV together, clean and renovate, launch 36 satellites and open for rent.
- Pay the taxes

Long TermTasha9503 plans to mass produce these HLV at a rate of one per month, minimum. At that rate we will be putting two HotelsInSpace per year. We are hoping to produce the HLV at one per week and putting 8 HotelsInSpace every year. Each HotelsInSpace includes 72 units for rent. Each unit includes sleeping for three at one time, one shower stall, one sink and one toilet. Renting each unit will be priced at one million dollars per week.

#### **Products and Services**

The product we will mass produce is HotelsInSpace, APlaceInSpaceToPlay, a transport vehicle to take 12 person crews past the moon and a low cost Satellite Launch facility.

The service we provide is:

- Lifting paying passengers to HotelsInSpace
- Lifting satellite payloads to orbit.
- Removing the space junk currently in LEO.
- Producing transport vehicles to pass the moon for Away Missions.

To collect the \$3,500,000,000.00, we are selling the first 72 units on a time and profit share plan for \$1,000,000/Week

72 (units) x 52 (weeks) x \$1,000,000 = \$3,744,000,000.00

#### **Market Research**

Using internet chat lines, we are finding a majority of people would like to use the facilities we will be putting in orbit. A few people have not been watching the sciences and do not agree that this is all possible with 1995 technologies.

## Marketing Plan

People around the world will be approached to buy into Tasha9503. For the first fifty years, their tax dollars paid for the space industries but we own nun of it. Now people can own the infrastructure we put in space, so every time some one rents, they collect profit shares.

- Our marketing started with putting a quick website on line to protect the copyright.
- Companies were approached to convert our drawings into an animation to show the world what we will be doing and the animations were put on line.
- We ask every person who shows an interest to add our link www.LivingInSpace.ca to all their internet sites. PayPal was contacted to allow people to make purchases and become owners and that was the introduced between the web site and the public.
- We email advertised in major cities in Brazil.

### Past/Present

- News and science programming will be contacted regarding covering our story.
- We will run our animations on TV for exposure.
- We will contact every magazine that may show an interest in the future of the space industry.
- We will test Pay Per Clicks in particular countries.
- Pay Per Click may be tried for 5,000 clicks but that has not been decided.

#### After sale services:

Owners have an accumulative time share. Each time share can be used every year and if they do not use the time share for years, an owner can use all the un-used time at one time. Each time a customer pays rent, 25% of funds collected will be set aside for profit shares.

Each owner will receive a profit share equal to the % of the infrastructure they own and every month the share is equal to \$100 or more, a check will be issued. Every person or organization that subscribes to Tasha9503 will be entered into our lottery.

When subscribing, each weekly payment will be considered a purchase of one additional lottery ticket. Each launch will have one seat set aside to lift our lottery winners.

## Competition

In 2010 we only have competition in the satellite launch service. No company is planning to remove the space junk. We know of no company planning to lift more than 10 people per launch and we know of only one company which plans to offer Hotel services in space.

## **Niche Company**

Tasha9503 will be a one of a kind company, who satisfies many needed services, lowers the cost and corrects a major launch service provider mistake, i.e. Space junk. All our products are 100% reusable, profit producing and fun to own.

## Market strategy:

Internet search engines will continue to be our mane source of advertisement. Television and radio will be the next media we approach when funds become available.

# **Promotional budget**

15% of the full cost will be used as advertisement expense.  $\$3,500,000,000 \times 15\% = \$525,000,000$  advertisement budget. 100% of the first \$1,000,000 investment capital collected will be used within the marketing budget.

#### Sales Forecast:

Until now, all sales are in the form of trade. Information, advertising and technology has been traded for ownership. Depending on the success of our advertising, we expect to sell \$52,000,000US of Tasha9503 before January 2012.

We plan to sell an additional \$492,571,429 each year until 2018. Now that we are selling LivingInSpace.ca instead of Tasha9503, more people are finding us faster.

# **Operational Plan**

Tasha9503 will continue changing our advertising methods until we find one that successfully attracts investors. When Investors are found, money will be separated into categories. The first \$1,000,000 spent will be for advertising. Then money will be spent to collect the tech we need.

#### **Production:**

We plan to build our factories and launch pad on the top of a mountain along the Equator. So far we plan to build in Brazil, but further investigation will be carried out before any final decisions will be made.

### **Economics**

Today there remain several science satellites on the ground, never launched for any of a number of reasons. Being able to lift six satellite payloads per launch allows us to give better service than our competition.

Barriers to our entering this market Start up fee estimated at \$3,500,000,000 US Consumer acceptance Price of the technology we must buy and inject into the design.

## **Overcoming Barriers**

- Sell 85% of the Hotel Chain to collect the start up fees
- Produce animations to clearly explain to the viewers how we will accomplish our missions with old technology
- Pay the going price for the tech we need
- Public pressure can make any government change it's laws and if that fails cash
- talks loudly

### **Product/Services**

- Satellite launch facilities at 1/3 the cost.
- Inexpensive Launch facilities producing hundreds of astronauts every month Multiple
- HotelsInSpace with five level of artificial gravity.
- An Ark for humans, should Global Warming, a rouge Asteroid or Comet, or human
- pollution cause the Earth to be unable to support human life.
- Each HotelsInSpace will be equipped with gardens to feed a crew of 36 people.

Every HotelsInSpace that passes the moon will also be furnished with equipment to mine a small asteroid, smelt the material and manufacture both pieces for maintenance of the infrastructure and produce complete copies of Infrastructure, effectively reproducing itself.

#### After sale services

Every subscription payment will be considered as a lottery ticket. Every launch will lift at least one part owner. Every part owner will have their rental price for use, lowered by the same % as the % thy own. E.g. An owner who owns 1% of Tasha9503 will have their price of un-owned time lowered by 1%. Owners will receive a profit share. 25% of all rental income will be set aside for owners profit shares. An owner who owns 1% will receive 1% of the money set aside for Profit shares. Owners will receive a time share. An owner who owns 1% of Tasha9503 will be able to use 1% of the time in a HotelsInSpace, prepaid. Customers

We have several categories of customers. Customers who own, customers who rent and customers who have us lift their satellites. Customers who own will be any person, organization, or company who wants to invest into Tasha9503 before we open for rent. After we can open for rent, we will no longer be for sale. Customers who rent time in our resorts can 1 be from any location 2 pay for the service and 3 succeed in our pre launch physical test. Customers who use our satellite launch facilities. These customers will include any organization who builds satellites to be lifted form Earth.

## Competition

NASA, ESA and several other satellite launch facilities now exist and they are our only competition. All of these organizations will be contacted and invited to join us in different capacities. They will be contacted regarding their abilities to dock with the HotelsInSpace. They will also be contacted regarding their ability to produce our phase II. Phase II will be a second new design for a HLV that can be attached to eight other Phase II HLVs, and attached around the circumference of phase I, thus more than doubling the interior aria of these HotelsInSpace.

In comparison to our competition:

- We will produce Zero space junk. Instead we will begin to collect their Space junk.
- We will lower our price to 1/3 their price.
- We will lift 200 people instead of seven people per launch.
- We will open the heavens to the common person allowing many to experience space flight.

# **Promotion Strategy**

We will continue using the internet to tell the world what we plan to do. Each time we find an interested person we ask them to post our link www.LivingInSpace.ca on all their internet sites to help our ranking with search engines.

We will continue producing and selling t-shirts and swim suits always taking pictures of the people who buy the clothing wearing the clothing and using those images for advertising.

- As funds become available, we will begin to use Television to spread the world on a
  monthly basses. Depending on the success of our first TV commercials we may
  increase our Television presents.
- As funds become available, we will begin to set up booths at Space Conferences around the world to let the current space industries join our efforts.
- As funds become available, we will begin advertising in space related magazines like AdAstra etc. Depending on the success of these adverts we may increase or decrease our Magazine.

To start getting the word out, at a low cost effort, we put up posters and signs in towns we pass through. We put small adds in local papers around the globe.

## **Pricing**

Russia charged a passenger \$20,000,000 to visit the ISS for two weeks. We will charge \$1,000,000 per week to stay at our HotelsInSpace. Owning and renting prices are set the same. The difference between paying to own and paying to rent is when. To own, you pay before we build. To rent, you pay after we build. Another difference between owning and renting a renting customer, rents per week. A customer who owns can use their time every year again.

## **Proposed Location**

Until we have bought the technology and completed the final design for the HLV and completed the design for the equipment to build the HLV, all the staff of Tasha9503 will be able to work from remote occasions. Once the design work is complete, we will need a place to locate the factories and launch pad.

We would like to build on the top of a mountain, bypassing a majority of the atmosphere we must push through, reducing the amount of fuel per launch, effectively lowering the cost per launch or increasing the weight of payloads. The closer to the equator we launch from, the more space junk we will be able to collect.

Landing facilities are available in any country with an international airport with a long enough runway that we acquire permission to land at. At our launch location we will need parking for, employees and customers. We will also need an Airport for customers to arrive and depart from before and after they use our HotelsInSpace. Location

## **Physical requirements**

200 acres will allow us room to build the factories, launch pad, airport and energy producers. Energy producers like solar panels covering all our roofs and wind mills if the wind is supportive. We need access via an airport and roads to connect all our facilities to the rest of the world. We will need parking for our customers and employees. After the Facilities are built we will need money for raw materials, land tax, building maintenance, wages, utilities and insurance. This is why we estimate launch cost to approach \$30,000,000 each.

### Sales forecast

We need to sell \$3,500,000,000 worth of Tasha9503 before we can complete building the needed infrastructure to build these HotelsInSpace. We are looking to find 500,000 people or organizations to subscribe by buying \$25/week for seven years.

We are also looking for a 3,753 millionaires to invest \$1,000,000 each. Our marketing plan will look for any combination of the two. How fast we find these investors depends on the success of our advertising.

# **Operational plan**

Our design work can all be produced in remote locations. The physical construction of our hardware will be produced robotically, next to our Launch facilities. Quality control will be watched closely. Each of these HotelsInSpace will be build with the intention of being able to be maintained and last for a hundred years.

## **Legal Environment**

Money will be spent fixing the laws in the country we decide to build in before the land is purchased.

#### Personnel

The number of personnel will be kept (robotic-ally) to a minimum to reduce human error. Money for wages will be available of profits and profit shares. Very skilled labour will be required along with everything to janitorial services.

## **Inventory**

We would like to manufacture from raw materials up, eliminating our need for other companies for us to stay in business. Our producing all our components insures our ability to continue manufacturing the new HLV indefinitely. We will need supply buildings to house the supplies our factories need.

## **Suppliers**

Raw materials we need, that is produced by many companies, like sheet metal, will be bought and stored. Computer parts will be made on location and supplies for this production will also be bought and stored.

### **Credit Policies**

As people buy the 85% of Tasha9503, we will spend the money according to this or a modified version of this Business plan. Having all the facilities bought and paid for, we will not need credit. The first launch will also be paid for before satellites and passengers pay for the service. This allows the money they pay to be put towards the next launch and other business expense.

We do not plan to give our customers credit. To rent a unit in one of our HotelsInSpace, you must pay the \$1,000,000/week, before launch. Transportation not included. For a day trip to and from the HotelsInSpace, you will pay the Flight cost, estimated at \$100,000 US, before launch.

# **Management and Organization**

These positions will all be filled.

- President
- Sales manager
- Factory controller
- Purchasing agent · Maintenance Supervisor
- Janitorial staff
- Grounds keeper
- Accountant
- Attorney

All these position will be for supervising staff.

## **Start-up Expenses and Capitalization**

Spending years watching others develop the technology and not having to develop the technology ourselves, reduces our cost. We need to buy the available technology not produce it. When estimating our cost of \$3,500,000,000 we looked at

- Travel expense
- Buying the technology
- Completing the new design
- Changing the lands laws
- Buying the land
- Building the roads
- Building the factories
- Designing the manufacturing equipment
- Filling the factories with manufacturing equipment
- Building a Launch pad
- Building an airport
- Buying solar panels
- Buying wind mills
- Communication hard and software
- Filling the supply buildings
- Buying the rocket fuel
- Building the first HLV
- Unexpected contingency cost

## Financial plan

After start up we expect an income. We will charge six satellite payloads an average of \$4,500,000 each (reduced from the 2009 price of \$20,000,000 each) We will charge each of the 200 human passengers \$100,000 each.

So for each launch we will collect  $(6 \times \$4,500,000 \$21,000,000) + (200 \times \$100,000 = \$20,000,000) = \$47,000,000$ 

- Launch output \$30,000,000
- Launch income \$47,000,000
- Profit per launch 16,000,000

We hope to launch once a month(\$132,000,000/year) and aim to launch once a week (\$572,000,000/year). Then we collect rental income of \$1,000,000 per unit per week.

#### Best case scenario

- 72 units x 52 weeks every year x \$1,000,000 = \$3,744,000,000 /year
- Minus profit shares, \$936,000,000 \$2,808,000,000
- Minus in hotel staff expense, 14,400,000 = \$2,793,600,000
- Minus food and entertainment expense, \$12,000,000 = \$2,781,600,000
- Minus unexpected costs 374,400,000 = \$2,407,200,000
- Launch weekly, \$2,407,200,000 + \$572,000,000 = \$2,979,200,000 less tax leaves \$1,489,600,000/year.

### Worst case scenario

- Launch once a month without passengers
- \$132,000,000/year
- Less operating expense Operating Expense
- Building maintenance Equipment maintenance
- Road maintenance
- Employee Wages
- Utilities
- Insurance
- President salary
- Sales manager salary
- All other salaries
- Heat, hydro, water
- Land tax
- Sales tax
- Income tax
- Out of State tax

# **Appendices**

All of these prices and calculations have been preformed over the last ten years and have been modified to adjust for inflation. Note to all people thinking about investing in this endeavor. Money invested into Tasha9503 will be considered as sales. You buy in and you own Tasha9503.

Some decisions we need to make will be made by owners voting. 25% of all rental income will be used as profit hares, split between owners. You may be able to sell your share back to Tasha9503 if we have other buyers to purchase what you want to sell. Other wise you will have to wait until we have a rental income to get any return on your investment.

We want to build in Brazil.

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