

Re: SpaceShipTWO is the VSS Enterprise!!!

Source: <http://sci.tech-archive.net/Archive/sci.space.policy/2004-09/2225.html>

From: k2 (k2_at_hybrids.com)

Date: 09/28/04

Date: 28 Sep 2004 10:49:22 -0700

Crunching a few number from the articles on VSS Enterprise. My numbers are clearly over simplified estimates as I have no idea what the true operating costs and expected profit might be.

BUT....It looks rather tuff to me to meet the goal 5 people every 3 days with \$190K for 5 years. Perhaps someone with more accounting ability can pro-rate the per seat costs and establish a typical operating & profit costs to make sense of the initial numbers.

With the numbers given, what do you think?

\$100,000,000 investment

3000 passengers

\$190,000 per seat

5 Passengers & 1 Pilot

Flights from 2007 to 2012 (5 years or 1820 days)

1) @ \$ 190K per seat ; *530 x \$190,000 = \$100,700,000

* # Seats for sales \$ to simply match investment \$

2) @ \$ 190K per seat ; *1500 x \$190,000 = 285,000,000

* # Seats for sales \$ to possibly include operation costs & profit

3) @ \$ 190K per seat ; *3000 x \$190,000 = \$570,000,000 5.7X investment

* # Seats stated as target sales

@ \$ 100K per seat ; 3000 x \$100,000 = \$300,000,000 3.0X investment

@ \$ 50K per seat ; 3000 x \$50,000 = \$150,000,000 1.5X investment

@ \$ 35K per seat ; 3000 x \$35,000 = \$105,000,000 1.0X investment

@ \$ 25K per seat ; 3000 x \$25,000 = \$75,000,000 .75X investment

sci.space.policy: Re: SpaceShipTWO is the VSS Enterprise!!!

- 1) 530 seats / 5 passengers per flight = 106 flights
- 2) 1500 seats / 5 passengers per flight = 300 flights
- 3) 3000 seats / 5 passengers per flight = 600 flights

- 1) 1820 Days / 106 flights = 1 flight every 17 days
- 2) 1820 Days / 300 flights = 1 flight every 6 days
- 3) 1820 Days / 600 flights = 1 flight every 3 days

"Dave O'Neill" <daveon@atomic.raz.spam.or.com> wrote in message
news:<b2d6d.109046\$U04.80915@fe1.news.blueyonder.co.uk>...

> "Earl Colby Pottinger" <earlcp@idirect.com> wrote in message
> news:LKOdnTzzkvOFIMXcRVn-vA@look.ca...

>> "Dave O'Neill" <daveon@atomic.raz.spam.or.com> :

>>

>>> "k2" <k2@hybrids.com> wrote in message

>>> news:45495771.0409270728.66ccc763@posting.google.com...

>>>> Looks like we might in fact see a commercial Space Tourism Bus in the

>>>> next few years!!!!

>

>>> Curious to see what the profile for the 5 seater will be. The models

> and

>>> graphics used were very much SS1 and it will be interesting to see the

>>> impact of the increase in size to the complete vehicle.

>

>>> Completely reusable or disposable Hybrid

>>>> propulsion? At \$200K per seat any takers? Rand, Earl?

>>

>> I have already posted what I am willing to pay over a year ago. If I was

>> working for a while up to \$25,000. As I am now without a job I would not

>> spend over \$10,000 for a trip and only if I get a new job first.

>

> I'll be interested to see the price point in a few years. I popped \$5000

> for my Concorde flight and I'm planning a zero gee trip and fighter ride all

> of which are in a similar ball park – so at the moment that's the amount I

> can get away with spending without serious forethought. If I actually spend

> the money on getting a PPL I'd probably spend a lot more just keeping it

> current and maybe buying a part share in a plane – this might change over

> time but I can't see myself spending that much even if it meant no more to

> me than \$5K does now.

>

> Dave