

Re: Sub-G thrust to orbit.

Source: <http://sci.tech-archive.net/Archive/sci.physics/2005-03/0391.html>

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Date: 02/28/05

Date: Mon, 28 Feb 2005 21:17:43 +0000 (UTC)

Uncle Al <UncleAl0@hate.spam.net> wrote:

> *Brucebo* wrote:

>>

>> *Is it possible to make it into earth orbit using a sub-G thrusting
>> rocket motor together with a hypersonic lifting body?*

> *Walk up a ladder.*

>> *Assuming it is possible Newtonically, is it possible thermally,*

> *i.e.*

>> *would the vehicle burn up due to atmospheric friction before it reached
>> orbit?*

> *Artillery shells are entirely capable of being launched into orbit re*

> *John Bull. So? Calculate the acceleration of a 125-grain hollow*

> *point semijacketed round going from zero to 1250 ft/sec in six inches*

> *of .357 magum barrel. Now, pick your field artillery and don't ride*

> *in the shell - or do.*

> *Piggyback modes of orbital insertion, air breathing mothership then*

> *rocket, have been disappointing at scale. Look at the payload of the*

> *SR-71 Blackbird. The huge thing hardly carries more than its tankage.*

And is capable of climbing straight up, for a while.

--

Jim Pennino

Remove -spam-sux to reply.