

# Re: The Mars Landing Approach: Getting Large Payloads to the Surface of the Red Planet

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*Source:* <http://sci.tech-archive.net/Archive/sci.astro.amateur/2007-07/msg00874.html>

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- *From:* "MiKe T" <[MT@xxxxxxxxxxxxx](mailto:MT@xxxxxxxxxxxxx)>
  - *Date:* Sat, 21 Jul 2007 14:12:18 GMT
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"John Savard" <[jsavard@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:jsavard@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:46a1c5d2.497538@xxxxxxxxxxxxxxxxxxxx](mailto:news:46a1c5d2.497538@xxxxxxxxxxxxxxxxxxxx)

On Fri, 20 Jul 2007 19:49:32 GMT, "MiKe T" <[MT@xxxxxxxxxxxxx](mailto:MT@xxxxxxxxxxxxx)> wrote, in part:

Look dude, just develop anti-gravity propulsion and problem solved.

Well, yeah, but that doesn't really count. Because anti-gravity propulsion, while it may be possible, may require knowledge we won't discover for another thousand years. So we have to work with what we have.

Of course, so what else? It seems the problem is insurmountable unless you can come in at an incredibly shallow angle that takes you practically around the planet's atmosphere a couple times like aerobraking but then it would have to be a Mars direct thing. No decelerating to orbit the planet. Just cruise straight into the planet. Maybe ion drive engines that could slow the craft way out in space. Go nuclear. Have an orbiting station ready.