

# Re: How Rockets Differ From Jets

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*Source:* <http://sci.tech--archive.net/Archive/sci.space.shuttle/2005-10/msg00422.html>

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- *From:* Fred J. McCall <fmccall@xxxxxxxxxxxxxx>
  - *Date:* Mon, 24 Oct 2005 08:01:43 GMT
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"tomcat" <jlavine@xxxxxxxxxxxxxx> wrote:

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:Fred J. McCall wrote:  
:>  
:> If it didn't get smashed to bits and crumpled up by the winds. Uh,  
:> you did realize the atmosphere on Venus doesn't just quietly sit there  
:> like a pond, right?  
:  
:One of the nice things about a hypersonic plane is that winds have  
:little affect on it. A mach 15 airflow is so much greater than a  
:measly 200 knot wind that it is scarcely felt.

There is a big difference between 'rigid airship' and 'hypersonic plane'. Pick one.

:Not to mention the 5 million pounds of thrust an 11 SSME engine  
:spaceplane would have.

And I'm sure the magic would be a big helper, too.

:Military jet pilots rarely feel the weather in the newer fighter  
:aircraft. The one exception is when they are flying slow to land or  
:takeoff.

Know a lot of military jet pilots, do you? I do and they worry a LOT  
about winds aloft.

—  
"Then tomorrow we may all be dead. But how is that different  
from every other day?"  
— Morpheus  
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- *Follow-Ups:*
    - ◆ **Re: How Rockets Differ From Jets**  
◇ *From:* tomcat

Re: How Rockets Differ From Jets

• *References:*

- ◆ **Re: How Rockets Differ From Jets**  
◇ *From:* Brad Guth
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