
Subject: OT: Nasa goto Mach 5!
Posted by [Xtrm2Matt](#) on Sun, 28 Mar 2004 15:47:01 GMT
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<http://www.cnn.com/2004/TECH/space/03/28/hypersonic.jet.flight/index.html>

HOLY SHIT!!!

Subject: OT: Nasa goto Mach 5!
Posted by [Majiin Vegeta](#) on Sun, 28 Mar 2004 16:09:26 GMT
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kewl.. imagine the G's on that if you tried pulling a loop xD

Subject: OT: Nasa goto Mach 5!
Posted by [mrpirate](#) on Sun, 28 Mar 2004 16:30:11 GMT
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Sweet... a ramjet.

Subject: OT: Nasa goto Mach 5!
Posted by [Xtrm2Matt](#) on Sun, 28 Mar 2004 16:31:24 GMT
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<http://news.bbc.co.uk/1/hi/sci/tech/3575561.stm> also.. although they say Mach 7!

Subject: OT: Nasa goto Mach 5!
Posted by [Weirdo](#) on Sun, 28 Mar 2004 17:56:38 GMT
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The first article also mentions the plane reaching 7 mach. But they first say that the pegasus missile it was launched with, reached 5 mach and the plane itself 7 times the speed of sound.

Subject: OT: Nasa goto Mach 5!
Posted by [asdfg195](#) on Sun, 28 Mar 2004 18:09:45 GMT
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The Scramjet engine can only work once it already reaches high speeds so that kinda sucks. If they want to go into space with it with a onestage launch, they will need to add another engine which doesn't seem likely.

Subject: OT: Nasa goto Mach 5!
Posted by [smwScott](#) on Sun, 28 Mar 2004 19:31:28 GMT
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If it's an engine that uses air as fuel the how the hell is it going to work in space?

Unless they're just going to use it to get out of the atmosphere, then it makes sense.

Subject: OT: Nasa goto Mach 5!
Posted by [IRON FART](#) on Sun, 28 Mar 2004 20:13:00 GMT
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You'd be surprised how little you need to propel yourself through space.

Lots of spacecrafts release xenon gas to propel themselves. Thats about as powerful as a sheet of paper pushing down on your hand.

Subject: OT: Nasa goto Mach 5!
Posted by [xptek_disabled](#) on Sun, 28 Mar 2004 20:42:40 GMT
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Then why dont they bring up one of those little portable fans and strap it on the back?

Subject: OT: Nasa goto Mach 5!
Posted by [z310](#) on Sun, 28 Mar 2004 20:54:26 GMT
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Majiin Vegetakewl.. imagine the G's on that if you tried pulling a loop xD

Subject: OT: Nasa goto Mach 5!
Posted by [Xtrm2Matt](#) on Sun, 28 Mar 2004 21:13:55 GMT
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Majiin Vegetakewl.. imagine the G's on that if you tried pulling a loop xD

Just thing of it as... a very.. very fast rollercoaster

Subject: OT: Nasa goto Mach 5!

Posted by [IRON FART](#) on Sun, 28 Mar 2004 21:43:02 GMT

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lol

Most rollercoasters only go at about 40-70 MPH. I wonder what Mach 5 will feel like.

Subject: OT: Nasa goto Mach 5!

Posted by [Gernader8](#) on Sun, 28 Mar 2004 22:00:54 GMT

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Well if you take two Mach 3 razor blades, and cut your face with them....then Mach 7 will feel very unpleasant.

Subject: OT: Nasa goto Mach 5!

Posted by [IRON FART](#) on Mon, 29 Mar 2004 03:53:54 GMT

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A razor with 7 blades?

Subject: OT: Nasa goto Mach 5!

Posted by [xptek_disabled](#) on Mon, 29 Mar 2004 03:55:55 GMT

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7X the chance of being cut too...

Subject: OT: Nasa goto Mach 5!

Posted by [IRON FART](#) on Mon, 29 Mar 2004 04:21:37 GMT

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A risk i'm willing to take...

Subject: OT: Nasa goto Mach 5!

Posted by [Nukelt15](#) on Mon, 29 Mar 2004 15:10:00 GMT

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Mach 5 is old news...they did that way back when they were using the X-15 rocket plane. Which, by the way, also managed to reach altitudes that qualified its pilots for astronaut wings. It was launched from a B-52 and landed like a conventional plane. I forget what the speed record was for that thing, but I don't think it's been reached or broken until now.

Oh, 'scuse me, that's for powered flight...the shuttle goes much, much faster on re-entry.

Subject: OT: Nasa goto Mach 5!

Posted by [KIRBY098](#) on Mon, 29 Mar 2004 16:05:37 GMT

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If the scramjet needs the air moving at mach whatever to prime this engine, then why not just have an engine primer capable of ramming air at mach whatever while the thing takes off conventionally? Then once the intermix pressure reaches the design parameter, let the primary engine fire, and take over.

Wonder what thier thoughts would be on that? That way we wouldn't need a 747 to get the thing launched.

Subject: OT: Nasa goto Mach 5!

Posted by [gibberish](#) on Mon, 29 Mar 2004 17:59:19 GMT

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Nukelt15Mach 5 is old news...

Heres a link:

<http://www.hq.nasa.gov/office/pao/History/x15/cover.html>

Mach 6.7 on October 3, 1967 and it was maned

Subject: OT: Nasa goto Mach 5!

Posted by [Xtrm2Matt](#) on Mon, 29 Mar 2004 19:20:19 GMT

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(Also, it's Mach 7, not Mach 5)
