

Re: How Rockets Differ From Jets

Source: <http://sci.tech--archive.net/Archive/sci.space.shuttle/2005-10/msg00500.html>

- *From:* "tomcat" <jlavine@xxxxxxxxxxxxxx>
 - *Date:* 26 Oct 2005 14:30:58 -0700
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Fred J. McCall wrote:

- > :Laminate nanotube fabric with graphite epoxy and an almost 'magical'
- > :hull material is born. This laminated fabric could be used throughout
- > :the spaceplane to strengthen and lighten the spaceplane beyond any
- > :other material known.
- >
- > And just what holds it all together, Tomcat? Elmers?
- >
- > Engineering isn't magic. Get some training.

When a fiberglass boat is made using fiberglass and resin one big section can be merged into another section making a single piece. This merging of fiberglass and resin is terrifically strong. The same can be done with graphite epoxy and basalt fabric, or graphite epoxy and nanotube fabric.

I like the nice simple and quick. Make it too complicated, take too long, and it either won't get done or it won't work.

tomcat

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- *Follow-Ups:*
 - ◆ ***Re: How Rockets Differ From Jets***
 - ◇ *From:* Fred J . McCall
 - ◆ ***Re: How Rockets Differ From Jets***
 - ◇ *From:* Brad Guth
- *References:*
 - ◆ ***Re: How Rockets Differ From Jets***
 - ◇ *From:* tomcat
 - ◆ ***Re: How Rockets Differ From Jets***
 - ◇ *From:* Fred J . McCall

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