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## What is the ventral fin & its purpose?

Posted by Steve - 2007/12/27 18:41

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The question has been asked:

What is the ventral fin & its purpose?

The ventral fin is installed on the bottom of the fuselage to reduce adverse yaw. With the reduction in adverse yaw comes a reduction in rudder authority. This is really not much of a problem with the Cheetah XLS since it has a lot of rudder authority. The Ventral fin is not required and this is why we have it listed as an option on the pricing sheet.

[http://www.mwsportaviation.com/images/fbfiles/images/ventral\\_fin.jpg](http://www.mwsportaviation.com/images/fbfiles/images/ventral_fin.jpg)

Note the ventral fin on the bottom of the fuselage.

Thanks,  
Steve

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