

Kerbal Space Program - Bug #9853

wheels doesn't take steeringCurve into consideration -> ModuleWheelSteering bug

06/06/2016 03:53 PM - riocrokite

Status: Confirmed	Start date: 06/06/2016
Severity: Low	% Done: 10%
Assignee:	
Category: Parts	
Target version:	
Version: 1.1.2	Language: English (US)
Platform: Linux, Windows	Mod Related: No
Expansion:	
Description	
<p>It seems that only first value from steeringCurve is considered so when you go faster wheels are too sensitive resulting in either flipping your rover or 'skating on the ice' effect. In other words steering sensitivity seems to be fixed with one value instead of taking curve into account.</p> <p>Did various tests with extreme values in ModuleWheelSteering to confirm the issue.</p> <p>Wheels affected: TR-2L and probably others too.</p> <p>I guess that fixing this issue might solve 90% problems experienced with rover / landing gear.</p>	
Related issues:	
Copied to Kerbal Space Program - Bug #12987: Wheel don't reduce max steering ... Duplicate 06/06/2016	

History

#1 - 07/17/2016 09:56 AM - TriggerAu

- Status changed from New to Needs Clarification

#2 - 07/20/2016 03:15 PM - sal_vager

- File screenshot861.png added

- File screenshot862.png added

- File screenshot863.png added

- File Steering curve demonstrator.craft added

- Status changed from Needs Clarification to Confirmed

- Severity changed from High to Low

- % Done changed from 0 to 10

- Platform Linux added

I can confirm the observed behaviour at least, but as afaiK the curve numbers are no longer being used, this is by design, they are a remnant and steering limits are procedural.

So the fault here lies with the procedural steering code, and the old steering curves need to be removed from the cfg's to avoid confusion.

#3 - 10/13/2016 08:30 AM - riocrokite

Just a note that the problem still exists in 1.2.1586 version.

#4 - 10/13/2016 08:34 AM - riocrokite

- Copied to Bug #12987: Wheel don't reduce max steering range with higher speed - unresolved bug from 1.1.2 added

Files

screenshot862.png	1.12 MB	07/20/2016	sal_vager
screenshot861.png	1.08 MB	07/20/2016	sal_vager

Steering curve demonstrator.craft
screenshot863.png

42.2 KB
826 KB

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