

Kerbal Space Program - Bug #9406

CoM dependent deploy direction of elevons

04/22/2016 08:43 AM - Anonymous

Status:	Not a Bug	Start date:	04/22/2016
Severity:	Normal	% Done:	0%
Assignee:			
Category:	Controls and UI		
Target version:			
Version:	1.1.0	Language:	English (US)
Platform:	Windows	Mod Related:	No
Expansion:			

Description

Desc: When the center of mass changes after decoupling, the deploy direction of elevons is affected, i.e. they are not independent from the center of mass.

Repr:

1. Fly the attached plane.
2. Open the cargo ramp door and decouple the dummy cargo.
3. Notice that during pitch maneuvers the deploy direction of the inner elevons has now inverted.

History

#1 - 04/22/2016 12:11 PM - sal_vager

- Status changed from New to Not a Bug

- % Done changed from 0 to 100

Hi Vycma, this is how the game works, and has been this way since the beginning.

Sorry but this is not a bug.

#2 - 04/22/2016 01:17 PM - Anonymous

I wrote a comment on that on a related issue with this.

<http://bugs.kerbalspaceprogram.com/issues/9407>

I think there still would be a better solution. While technically the CoM dependency works as expected, you might want to consider to tweak it a little, because it clearly looks plain wrong in such a borderline case. And resetting the authority limit every time the CoM changes significantly is not very elegant.

Files

CoM elevon deployment bug 1.jpg	194 KB	04/22/2016	Anonymous
CoM elevon deployment bug 2.jpg	201 KB	04/22/2016	Anonymous
Furion.craft	268 KB	04/22/2016	Anonymous