

## Kerbal Space Program - Bug #5986

### IVA atmospheric gauge still refering to the old atmo model

11/22/2015 09:56 PM - Taryk52

<b>Status:</b>	Needs Clarification	<b>Start date:</b>	11/22/2015
<b>Severity:</b>	Very Low	<b>% Done:</b>	0%
<b>Assignee:</b>			
<b>Category:</b>	Gameplay		
<b>Target version:</b>			
<b>Version:</b>	1.0.5	<b>Language:</b>	English (US)
<b>Platform:</b>	Windows	<b>Mod Related:</b>	No
<b>Expansion:</b>			

#### Description

It seems like the atmosphere gauge in IVA view is still showing the old atmo model. This can be quite disruptive, since the atmospheric model has been reworked many times. This bug is possibly also included in 1.0.5.

Both of the attached screenshots show the same vessel in the relatively same altitude, but as you can see, the atmospheric gauge on the UI and the one in IVA view show significantly different values. The bug doesn't seem to affect anything else than the gauges, but is confirmed to be present in all IVA's.

#### History

##### #1 - 11/23/2015 10:44 AM - Squelch

- Status changed from New to Confirmed
- % Done changed from 0 to 10
- Version changed from 1.0.4 to 1.0.5

Thanks for reporting.

##### #3 - 02/23/2016 09:44 PM - Kasuha

- File screenshot0.png added
- File screenshot1.png added
- File screenshot2.png added
- File screenshot13.png added
- File screenshot14.png added
- File screenshot15.png added

Even the UI atmospheric gauge works differently from pre-1.0 times.

Release 0.25:

- 4th tick - 12500 m, pressure 0.0842
- 10th tick - 32000 m, pressure 0.0016
- 16th tick - 52500 m, pressure "IN VACUUM"

Here it seems the gauge was scaled to track altitude and colors suggested corresponding pressure. 4th tick used to be where people did gravity turn, 10th tick used to be preferred altitude for spaceplanes to go horizontal and start reaching orbital speeds.

Release 1.0.5:

- 4th tick - 7500 m, pressure 28.617
- 10th tick - 19000 m, pressure 2.8291
- 16th tick - 50000 m, pressure 0.0143

Here the gauge and its colors don't quite say anything useful. Maybe the 50 km level might be considered good altitude for circularizing and pulling the apoapsis out of the atmosphere as in orbital speeds there is no considerable reentry heat anymore, but the preceding two boundaries don't seem to be useful for any purpose.

Things that might be nice to have indicated on the gauge would be parachute deployment pressure levels - 0.01 (min) and 0.75 (max)

**#4 - 07/17/2016 09:43 AM - TriggerAu**

- Status changed from *Confirmed* to *Needs Clarification*

- % Done changed from 10 to 0

**Files**

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screenshot43.png	797 KB	11/22/2015	Taryk52
screenshot44.png	847 KB	11/22/2015	Taryk52
screenshot0.png	795 KB	02/23/2016	Kasuha
screenshot1.png	619 KB	02/23/2016	Kasuha
screenshot2.png	527 KB	02/23/2016	Kasuha
screenshot13.png	1.29 MB	02/23/2016	Kasuha
screenshot14.png	1.08 MB	02/23/2016	Kasuha
screenshot15.png	536 KB	02/23/2016	Kasuha