

Kerbal Space Program - Bug #21900

Deltav isn't calculated correctly for crafts with multiple engines when the LF or OX doesnt match each other.

04/16/2019 06:50 AM - Anth12

Status:	New	Start date:	04/16/2019
Severity:	Low	% Done:	0%
Assignee:			
Category:	Controls and UI		
Target version:			
Version:	1.7.0	Language:	English (US)
Platform:	Windows	Mod Related:	No
Expansion:	Core Game		

Description

Multiple Engines that use both LF+OX but have an uneven amount of each to draw from causes the deltav to be calculated incorrectly.

Two Simple Ways to make this happen:

1. The craft and screenshot show this with one fuel tank.
2. A player might have a LF tank and a LF+OX tank joined together for using both a standard engine + a nuclear engine

Note 1: If the Craft file has both the LF and OX equaling each other the deltav is correct.

Note 2: I have been using a Calculator and KER to confirm my suspicions, but do note that I have tested it without KER as well to make sure its not interfering

Work Around:

Somehow keep the LF and LF+OX tanks separated from each other somehow so the the standard engines aren't drawing from an uneven ratio

Files

Twin Terrier 1_0.craft	18.9 KB	04/16/2019	Anth12
screenshot9.png	2.61 MB	04/16/2019	Anth12